

2022-23 EDITION

# **MICHELIN TECHNICAL DATA**

**EARTHMOVER TIRES**





## **EARTHMOVER TIRES**

**The information provided herein is for informational purposes only and may not be used or relied upon for legal or statutory action. For technical and safety reasons, a tire should never be used beyond the limits of the technical specifications for which it has been approved and all relevant recommendations as provided herein should be followed. Michelin is not responsible for any use, fitting, storage, maintenance, or handling outside stated recommendations.**

MICHELIN® tires are designed for a specific use as defined in this catalog. Any other use constitutes an abnormal use. However, in some circumstances, Michelin may issue a waiver which will specify the conditions and the permitted operational limits for a specific application. If a tire is to be used differently than what it is designed for, please consult your nearest Michelin Representative for further guidance. **Michelin expressly denies any responsibility for any abnormal use of its tires or any use different from the tire's intended design in the absence of express written permission (derogation) from an authorized Michelin Representative.**

Further, correct usage and maintenance are necessary to achieve proper performance and to maximize life. Therefore, it is recommended that users adhere to all safety and usage recommendations. However, you must note that these recommendations may be subject to more restrictive local legal and/or regulatory requirements.

Specifically, tire load and pressure tables included in this book are classified according to the various applications of machines. In the load and pressure tables, the shaded boxes indicate the normalized values. These values reflect optimal use, the best balance of performances. Again, these values are given for informational purposes only and may not be used for legal or statutory actions.

Finally, unless otherwise specified, MICHELIN® off-the-road, industrial, and compact tires comply with internationally accepted standards that are established by TRA (Tire and Rim Association), ETRTO (European Tire and Rim Technical Organisation), JATMA (Japan Automobile Tire Manufacturers Association), and/or ISO (International Standards Organisation). Among other things, the standards encompass load capacity, inflation pressure, overall diameter, overall width, and related valves and rims. Some minor differences may exist between these standards.

### **PERFORMANCE**

Any and all tire performance claims or comparisons contained herein are for informational purposes only to aid in the selection of a tire and **do not** constitute any form of performance guarantee or warranty. Individual results may vary. Such information may not be used as a basis for any performance guarantee or warranty claim.

**Following publication, the information herein is subject to change in Michelin's sole discretion.**



# ***MICHELIN TECHNICAL DATA***

## ***EARTHMOVER TIRES***

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### TIRE RANGE CHART



#### RIGID DUMP TRUCKS



## **TIRE RANGE CHART**



### **RIGID DUMP TRUCKS — CONTINUED**



**E4**

**MICHELIN®**  
**X-TRACTION™**



**E4**

**MICHELIN®**  
**X®TRA LOAD <sup>GRIP</sup>**



**E4**

**MICHELIN®**  
**X®TRA LOAD <sup>PROTECT</sup>**



**E4**

**MICHELIN®**  
**X-QUARRY S**

# TIRE RANGE CHART



## LOADERS



**L2**

**MICHELIN®  
X SNOPLUS®**



**L2**

**MICHELIN®  
XTLA™**



**L3**

**MICHELIN®  
XHA® 2**



**L3**

**MICHELIN®  
XLD™ 65**



**L4**

**MICHELIN®  
XLD® D1**



**E4/L4**

**MICHELIN®  
XTXL®**



**L5**

**MICHELIN®  
XLD® D2**



**L5**

**MICHELIN®  
XTRA POWER**



**L5**

**MICHELIN®  
X MINE® D2**



**L5**

**MICHELIN®  
X MINE® D2  
EXTRA LOAD**



## GRADERS



**G2**

**MICHELIN®  
XGLA2™**



**L2**

**MICHELIN®  
X SNOPLUS®**



**L2**

**MICHELIN®  
XTLA™**



**L3**

**MICHELIN®  
XHA® 2**



**L3**

**MICHELIN®  
XLD™ 65**



**L4**

**MICHELIN®  
XLD® D1**



**L5**

**MICHELIN®  
XLD® D2**



# TIRE RANGE CHART



## UNDERGROUND MINE MACHINES



E3/L3

**MICHELIN®  
XK®**



E4/L4

**MICHELIN®  
XTXL®**



L5

**MICHELIN®  
X UM HAUL**



L5

**MICHELIN®  
X MINE® D2**



L5

**MICHELIN®  
X MINE® D2  
EXTRA LOAD**



L5

**MICHELIN®  
X MINE® D2 PRO**



L3

**MICHELIN®  
XSM® DN+**



L5

**MICHELIN®  
XSM® D2+ LC**



L5

**MICHELIN®  
XSM® D2+**



L5

**MICHELIN®  
XSM® D2+ PRO**



## ARTICULATED DUMP TRUCKS



E3

**MICHELIN®  
XADN+®**



**super E3**

**MICHELIN®  
XAD™ 65**



E4

**MICHELIN®  
XTRA DEFEND**



E4

**MICHELIN®  
X-SUPER TERRAIN+**



E7

**MICHELIN®  
XS™ SAND**

# TIRE RANGE CHART



## SCRAPERS



E3

**MICHELIN®**  
**XADN+®**



E3

**MICHELIN®**  
**XTS®**



E3

**MICHELIN®**  
**XMS™**



E4

**MICHELIN®**  
**XRS™**



## CRANES AND TRANSPORT VEHICLES



E2

**MICHELIN®**  
**X-CRANE +® (M+S)**



E2

**MICHELIN®**  
**XGC®**



E2

**MICHELIN®**  
**XMH™ S**



E2

**MICHELIN®**  
**X SNOPLUS®**



## COMPACTORS



C1

**MICHELIN®**  
**X° LISSE COMPACTEUR™**

# MICHELIN TECHNICAL DATA

## EARTHMOVER TIRES

### PRODUCT PRESENTATION

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## **MICHELIN XDR2 S**

**GET +7% OF YOUR  
TIRE LIFE AND INCREASE  
YOUR UPTIME<sup>1</sup>**



For Rigid Dump Trucks



**BETTER  
RESISTANCE TO  
AGGRESSIVE  
CONDITIONS  
AND CORROSION**

Thanks to high resistance steel for stronger cables & plies and corrosion isolating cables design



**BETTER TREAD  
ENDURANCE**

A new tread pattern design with better thermal properties and better crown protection



**BETTER BEAD AREA  
ENDURANCE**

Experience a 20% wider bead bundle and better rim contact surface<sup>1</sup> thanks to Michelin's B2 technology

<sup>1</sup> Compared to the MICHELIN® 59/80R63 XDR® S tire.



## **MICHELIN XDR2+**



**MORE TRACTION,  
MORE ROBUST**



For Rigid Dump Trucks



### **RELIABLE TRACTION**

Adheres in loose ground  
and muddy conditions



### **STEEL ENCAPSULATED BY RUBBER**

Corrosion spread prevention  
and increased robustness



### **MORE ROBUST BEAD AREA**

Increased resistance  
and easier mountability



TIRE SIZE: 40.00R57

## **MICHELIN XDR 250**

**RUN HARDER, KEEP  
COOL, GET MORE**



For Rigid Dump Trucks

**THE MOST PRODUCTIVE  
TIRE WITH AT LEAST 25%<sup>1</sup>  
MORE TKPH.**



**HIGH LOAD  
CAPACITY**

TKPH increase thanks to  
a bigger tire



**A COOLER TIRE**

Increase TKPH without  
compromising tire life  
thanks to a new, more  
ventilated tread pattern



**EXCEPTIONAL  
TIRE LIFE**

Go further with the  
MICHELIN® XDR® 250 tires  
thanks to long-lasting  
innovations

<sup>1</sup> Compared to BRIDGESTONE 46/90R57 VRPS. Data gathered from 2015 BS databook.

# MICHELIN XDR 250+

**RUN HARDER,  
GET MORE LIFE**



For Rigid Dump Trucks

**INCREASE TIRE  
LIFE BY 8%<sup>1</sup> FOR  
MB4 AND MB,  
THANKS TO:**



**IMPROVED WEAR  
RESISTANCE**

With second generation of  
revolutionary compounds—  
MB4 and MB

Superior level of carbon  
black dispersion,  
leading to increased  
wear resistance



**INCREASED  
AGGRESSION  
RESISTANCE<sup>1</sup>**

Optimized contact patch that  
delivers improved wear profile  
and protects your truck

## OPTIMIZED WEAR IN FRONT AND REAR AXLES

With MICHELIN® multilayer technology

- Blue layer<sup>2</sup> is optimized for front axles for the first cycle of the tire's life
- Yellow layer<sup>2</sup> underneath is optimized for rear axles for the second cycle of the tire's life
- Tires are designed to be rotated to the rear axles to increase tire life

<sup>1</sup> The new MICHELIN® 50/80R57 XDR® 250+ tire has INCREASED TIRE LIFE BY 8%, thanks to new generation of compounds, innovative tread layers<sup>(1)</sup> and improved aggression resistance<sup>(2)</sup>.  
<sup>(1)</sup> Compared to the MICHELIN® XDR® 250 50/80R57 tire. Average performance by mine site. Projected improvement in tire life based on field performance in 70 customer mine sites over 25 months. Actual results may vary.  
<sup>(2)</sup> Compared to the MICHELIN® XDR® 250 50/80R57 tire, thanks to carrying the same load capacity at lower air pressure, according to the 2019 MICHELIN® Data Book.  
<sup>2</sup> Blue and yellow tire colors depicted above are for dramatic purposes only. All MICHELIN® tires are black in color.

# MICHELIN XDR 4 SPEED + MD

**SPEED UP  
YOUR PRODUCTIVITY**



For Rigid Dump Trucks



**HIGHEST TKPH ON  
THE MARKET<sup>1</sup>**

Significantly higher than  
the BRIDGESTONE®  
MASTERCORE® VREV E3A  
tire and 13% higher than the  
MICHELIN® XDR® 250 C tire<sup>1</sup>



**SMARTER  
SUSTAINABILITY**

Achieving more production  
in less time, this lighter tire  
supports a greener planet



**MORE GRIP<sup>2</sup>**

Optimized lateral grooves assist  
in faster evacuation of mud, dirt  
and water

<sup>1</sup>The MICHELIN® 50/80R57 XDR® 4 SPEED + MD tire offers the HIGHEST TKPH on the market, 1,822 TKPH. This significantly exceeds the BRIDGESTONE® 50/80R57 MASTERCORE® VREV® E3A tire with 1,333 TKPH.<sup>(1)</sup>

<sup>(1)</sup> TKPH figures from Michelin 2019 Databook and Bridgestone 2021 Databook. Actual site TKPH will vary based on many factors, including cycle distance, temperature, and load conditions.

<sup>2</sup> MORE GRIP thanks to optimized lateral grooves. <sup>(1)</sup>

<sup>(1)</sup> Improved grip compared to the MICHELIN® XDR® 250 C 50/80R57 tire.



# MICHELIN XDR 4 SPEED MC



**RUN FAST, RUN COOLER<sup>1</sup>,  
RUN LONGER<sup>2</sup>**



For Rigid Dump Trucks



**7% LONGER  
TIRE LIFE<sup>2</sup>**

Without compromising TKPH (1,608), thanks to a tread pattern that improves aggression resistance and a tread compound that is more wear resistant<sup>2</sup>



**COOLER TIRE AT  
THE SAME SPEED<sup>1</sup>**

Better thermal capacity reduces TPMS temperature alarms



**MORE GRIP<sup>3</sup>**

Optimized lateral grooves assist in faster evacuation of mud, dirt and water



**SMARTER  
SUSTAINABILITY**

Supports a greener planet by delivering longer life<sup>2</sup> without compromising TKPH

<sup>1</sup> COOLER Tire <sup>(1)</sup> AT THE SAME SPEED <sup>(2)</sup> thanks to better thermal capacity that reduces TPMS temperature alarms

<sup>(1)</sup> Compared to MICHELIN® 50/80R57 XDR® 250 C tire. Actual results may vary.

<sup>(2)</sup> TKPH figures from Michelin 2019 Databook and Bridgestone 2021 Databook. Actual site TKPH will vary based on many factors, including cycle distance, temperature, and load conditions.

<sup>2</sup> The new MICHELIN® 50/80R57 XDR® 4 SPEED MC tire PROVIDES EXCEPTIONAL tire LIFE with an INCREASE of A MINIMUM of 7% additional tire life <sup>(1)</sup>

<sup>(1)</sup> Compared to MICHELIN® 50/80R57 XDR® 250 C, based on average projected performance by mine site. Actual results may vary.

<sup>3</sup> MORE GRIP thanks to optimized lateral grooves.<sup>(1)</sup>

<sup>(1)</sup> Improved grip compared to the MICHELIN® XDR® 250 C 50/80R57 tire.

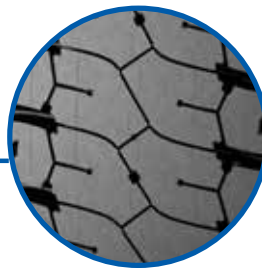
# MICHELIN XDR 3



**LONG LASTING  
INNOVATIONS**



For Rigid Dump Trucks



**EXCEPTIONAL  
TIRE LIFE, INCREASED  
BY A MINIMUM OF  
8-10%<sup>3,4,5,6,7</sup>**

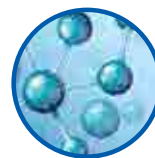


**NEW CORROSION-  
PROOF CABLES**

**10%  
STRONGER<sup>2</sup>**



**REVOLUTIONARY  
TREAD PATTERN**



**REVOLUTIONARY  
COMPOUNDS**

**Homogeneous mix designed  
to lead to a slower wear rate**

**TIRE SIZES<sup>1</sup>:** 33.00R51<sup>4</sup>, 37.00R57<sup>6</sup>, 40.00R57<sup>3</sup>, 50/90R57<sup>5</sup>, 53/80R63, 59/80R63<sup>3</sup>

<sup>1</sup> Features may vary depending on specific tire size.

<sup>2</sup> Vs. MICHELIN® XDR® 2 tire, all sizes.

<sup>3</sup> Projected improvement in tire life based on wear rate improvements based on new MB4/MC4 tread compounds and on field performance in 14 customer mine sites over 29 months comparing the tread pattern of the MICHELIN® XDR® tire (on predecessor and prototype tires) to the tread pattern of the MICHELIN® XDR® 2 and MICHELIN® XDR® tires. Additional improvements in tread cuts and tread fatigue anticipated because of 17 degrees F lower tread operating temperature and corrosion-isolating cables. Actual results may vary.

<sup>4</sup> Compared to MICHELIN® XDR® 2 33.00 R 51, average performance by mine site. Projected improvement in tire life based on field performance in customer mine sites over 29 months of the MICHELIN® XDR® 2, MICHELIN® XDR® 250 and MICHELIN® XP 57, 40.00 R 57 and 53/80 R 63, tires that included individual design improvements incorporated into the MICHELIN® XDR® 3.

<sup>5</sup> Compared to MICHELIN® XDR® 2 50/90R57, average performance by mine site. Projected improvement in tire life based on field performance in customer mine sites over 29 months of the MICHELIN® XDR® 2, MICHELIN® XDR® 250 and MICHELIN® XP 57, 40.00 R 57 and 53/80 R 63, tires that included individual design improvements incorporated into the MICHELIN® XDR® 3.

<sup>6</sup> Compared to the MICHELIN® XDR® 2 37.00R57 tire, average performance by mine site. Projected improvement in tire life based on field performance in customer mine sites over 29 months of the MICHELIN® XDR® 2, MICHELIN® XDR® 250 and MICHELIN® XP 57, 40.00R57 and 53/80R63 tires that included individual design improvements incorporated into the MICHELIN® XDR® 3 tire. Actual results may vary.

<sup>7</sup> Without any compromise on TKPH.

# MICHELIN XDR 3 27.00R49

**CHOOSE YOUR BENEFIT**



For Rigid Dump Trucks



**10% MORE  
TIRE LIFE<sup>1</sup>**

You can get more life out of your tire thanks to a revolutionary tread pattern



**10% MORE  
LOAD CAPACITY<sup>2</sup>**

You can carry more because of the \*\*\* rating and an optimized tire design that improves stress distribution in the tire



**10%  
MORE TKPH<sup>3</sup>**

You can go faster thanks to a cooler tire with an optimized tread design

Steel encapsulated by rubber prevents corrosion spread, thus increasing aggression resistance.

**TIRE SIZES: 27.00R49**

<sup>1</sup> Compared to MICHELIN® XDR2 tires in \*\* usage. Projected improvement in tire life based on field performance in customer mine sites (over 29 months using the MICHELIN® XDR 2, MICHELIN® XDR 250, and MICHELIN® XP 57 tires in sizes 40.00R57 and 53/80R63 that include individual design improvements incorporated into the MICHELIN® XDR 3). Actual results may vary.

<sup>2</sup> Compared to the MICHELIN® XDR2 \*\* tire in size 27.00R49. Actual results may vary. (Source: 2017 MICHELIN® Earthmover Technical Databook).

<sup>3</sup> Compared to the MICHELIN® XDR2 tires in size 27.00R49. Actual results may vary. (Source: 2017 MICHELIN® Earthmover Technical Databook)."



# MICHELIN XDR 3+ MB4 & MB COMPOUND\*

**LONGER-LASTING  
INNOVATIONS**



For Rigid Dump Trucks

## GET MORE TIRE LIFE:

AT LEAST

**4%<sup>1</sup> MORE**

WITH THE MB4 COMPOUND

AT LEAST

**6%<sup>1</sup> MORE**

WITH THE MB COMPOUND

## TIRE SIZES

MICHELIN® XDR® 3+ 40.00R57 MB TIRE  
MICHELIN® XDR® 3+ 40.00R57 MB4 TIRE  
MICHELIN® XDR® 3+ 50/90R57 MB TIRE  
MICHELIN® XDR® 3+ 50/90R57 MB4 TIRE  
MICHELIN® XDR® 3+ 53/80R63 MB TIRE  
MICHELIN® XDR® 3+ 53/80R63 MB4 TIRE  
MICHELIN® XDR® 3+ 59/80R63 MB TIRE  
MICHELIN® XDR® 3+ 59/80R63 MB4 TIRE



## NEW MICHELIN® MULTILAYER TECHNOLOGY

Designed for optimized wear  
on front and rear axles



## 2<sup>ND</sup> GENERATION OF REVOLUTIONARY COMPOUNDS

Designed with a more  
homogeneous mix leads  
to a slower wear rate

\* Please refer to the Earthmover Tire Compound section on page 147.

<sup>1</sup> Compared to the MICHELIN® XDR® 3 tire. Average performance by mine site. Projected improvement in tire life based on the result of 13 field performance placement customer mine sites. Actual results may vary.



# MICHELIN XDR 3 EXTRA LOAD

**BOOST PAYLOAD,  
BOOST PRODUCTIVITY!**



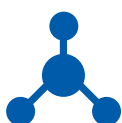
For Rigid Dump Trucks

INCREASE YOUR MAXIMUM  
TRUCK PAYLOAD BY UP TO  
**12.6%<sup>1</sup>** vs.  
MICHELIN® XDR® 3 (TKPH=15%<sup>2</sup>)



**STRONGER CABLES,  
NEW PLIES, ROBUST  
STRUCTURE**

Increased robustness with  
steel encapsulated by rubber.  
Better resistance to aggression  
and extra load conditions.



**REVOLUTIONARY  
COMPOUNDS**

A slower wear rate thanks  
to a new mixing process



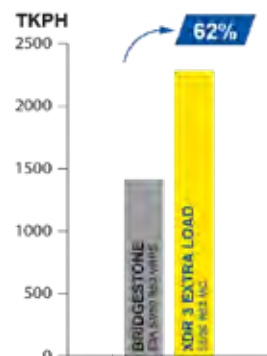
**REVOLUTIONARY  
TREAD PATTERN**

Interlocking blocks of rubber  
create better load distribution

TIRE SIZE: 53/80R63

<sup>1</sup> Based on comparisons of maximum load capacity of the MICHELIN® XDR® 3 Extra Load to the MICHELIN® XDR® 3, size 53/80R63, as set forth in the 2018 Michelin Data Book, taking as a reference the technical data of the Komatsu 930-E4 truck. Actual results may vary, and may be impacted by many factors, to include road conditions, weather, environment, driving habits, tire size, equipment and maintenance.

<sup>2</sup> Based on comparisons of the MICHELIN® XDR® 3 Extra Load to the MICHELIN® XDR® 3, as set forth in the 2018 MICHELIN® Data Book.



# MICHELIN XDR 3+ EXTRA LOAD MB4

## LONGER-LASTING INNOVATIONS



For Rigid Dump Trucks



## BUILT FOR EXTRA-LOAD CONDITIONS

Stronger cables<sup>2</sup>, new plies and robust structure designed to deliver additional strength



### DESIGNED TO HANDLE

- STEERING FORCE
- BRAKING FORCE

- BRAKING FORCE
- TORQUE TRANSMISSION

## OPTIMIZED WEAR IN FRONT AND REAR AXLES

With MICHELIN® multilayer technology

- Blue layer<sup>1</sup> is optimized for front axles for the first cycle of the tire's life
- Yellow layer<sup>1</sup> underneath is optimized for rear axles for the second cycle of the tire's life
- Tires are designed to be rotated to the rear axles to increase tire life



## IMPROVED WEAR RESISTANCE

Second generation revolutionary compound—MB4—extends tire life by at least 4%<sup>3</sup>



## HIGHEST TKPH ON THE MARKET

<sup>1</sup> Blue and yellow tire colors depicted above are for dramatic purposes only. All MICHELIN® tires are black in color.

<sup>2</sup> Based on comparisons of the MICHELIN® XDR® 3+ Extra Load tire to the MICHELIN® XDR® 3 tire, as set forth in the 2018 MICHELIN® Data Book.

<sup>3</sup> Compared to the MICHELIN® XDR® 3 tire. Average performance by mine site. Projected improvement in tire life based on the result of 13 field performance placement customer mine sites. Actual results may vary.

# MICHELIN XDR 4 EXTRA LOAD



For Rigid Dump Trucks



**10% MORE  
LOAD CAPACITY<sup>1</sup>**

Optimized to carry  
up to 115 tons,  
thanks to new cables,  
architecture and  
larger size



**UP TO 2576  
TKPH<sup>2</sup>**



**INNOVATIVE  
TREAD PATTERN**

Improved heat resistance,  
adherence and wear profile<sup>3</sup>

**TIRE SIZE: 59/80R63**

<sup>1</sup> With the new MICHELIN® XDR® 4 EXTRA LOAD 59/80R63, get 10% more load capacity, to carry up to 115 tons, due to new cables, architecture and larger size.

<sup>2</sup> Based on comparisons to the 2021 Bridgestone Databook and the 2020 Goodyear Databook. Actual results may vary.

<sup>3</sup> The new MICHELIN® XDR® 4 EXTRA LOAD 59/80R63 tire was designed for improved heat resistance, adherence and wear profile, thanks to a new tread pattern.

## **MICHELIN XD GRIP**



**BETTER GRIP,  
BIGGER BENEFITS**



For Rigid Dump Trucks



### **UNSTOPPABLE GRIP CAPABILITIES**

30% more lug edges<sup>1</sup> for  
unstoppable grip in muddy  
or loose conditions



### **AGGRESSION RESISTANCE FROM HIDDEN OBSTACLES<sup>2</sup>**

New design with larger  
contact patch, extra  
protection and more  
tread volume



### **EXTRA LOAD, LIFE AND SPEED**

10% more life<sup>3</sup>, load<sup>4</sup> or  
speed<sup>5</sup> vs. the MICHELIN®  
X-TRACTION™ tire



**TIRE SIZE:** 27.00R49

<sup>1</sup> Compared to the MICHELIN® X-TRACTION™ tire in size 27.00R49 and based on internal measurement results. Actual results may vary.

<sup>2</sup> Compared to the MICHELIN® X-TRACTION™ tire. Actual results may vary.

<sup>3</sup> Compared to the MICHELIN® X-TRACTION™ tire in \*\* usage in size 27.00R49 and based on field test measurements and FARO-method measurements certified by the Michelin Center of Technology. Actual results may vary.

<sup>4</sup> Compared to the MICHELIN® X-TRACTION™ \*\* tire in size 27.00R49. (Source: 2017 MICHELIN® Technical Databook for Earthmover tires).

<sup>5</sup> Compared to the MICHELIN® X-TRACTION™ tire in size 27.00R49. Actual results may vary. (Source: 2017 MICHELIN® Technical Databook for Earthmover tires).



# **MICHELIN XD MINEWORKS**

## **WORRY-FREE DEPENDABILITY**



For 100-Ton Mining and  
Quarry Dump Trucks



### **NEW TREAD PATTERN AND DEPTH**

Delivers even wear and  
minimal maintenance,  
specifically tire rotations



### **LESS PRESSURE**

Reduces aggression  
damages and improves  
suspension and comfort



### **A NEW MARKET TIER**

Competes in the Tier  
2 market alongside  
Bridgestone, Continental,  
Goodyear and Yokohama

TIRE SIZE: 27.00R49

# MICHELIN XHDT



**INCREASE PRODUCTIVITY  
AND LOWER YOUR  
OPERATING COSTS**



For Rigid Dump Trucks



## THE TKPH WINNER

Increased productivity<sup>1</sup>

COMPOUND XHDT A

TKPH = 170 (23 KM/H MAX)

COMPOUND XHDT B

TKPH = 222 (30 KM/H MAX)



## OPTIMIZED PERFORMANCE

Optimized tread pattern for  
ideal traction and evacuation

Enhanced tread depth of  
47 mm for long life

Built-up sidewall for protection  
against sidewall penetrations

# MICHELIN X-TRACTION

**INCREASE UPTIME,  
REDUCE COSTS,  
EVEN WHEN IT'S WET!**



For Rigid Dump Trucks



## INCREASED TIRE LIFE

Thanks to 10% greater rubber volume on the ground to be used<sup>1</sup>



## HIGH RESISTANCE TO AGGRESSION

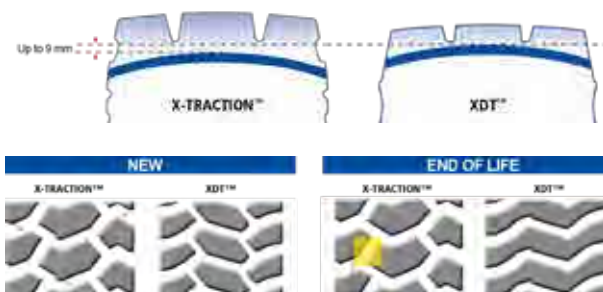
Additional sidewall protection band increases sidewall impact resistance



## EXCEPTIONAL TRACTION AND GRIP

An aggressive, non-directional, open, deep tread pattern. Massive, widely-spaced tread blocks. Excellent self-cleaning capabilities.

Up to 15% deeper tread pattern<sup>2</sup>



Worn out tire still keeping stable lug/void ratio.

<sup>1</sup> Internal comparison between the Michelin® X-Traction and the Michelin® XDT™, measurements certified by the Michelin® Center or technology, results may vary according to the tire dimensions.

<sup>2</sup> Internal comparison between the Michelin® X-Traction and the Michelin® XDT™, see Michelin Earthmover Databook 2019.

# MICHELIN XTRA LOAD GRIP A4 & B COMPOUND\*

**SPEED OR LOAD, CHOOSE  
YOUR EFFICIENCY**



For Rigid Dump Trucks



**EXCELLENT GRIP<sup>1,2</sup>  
IN LOOSE GROUND  
CONDITIONS**

**CORROSION-  
PROOF CABLES**

Steel encapsulated by rubber prevents corrosion spread, thus increasing aggression resistance.

**BETTER  
LONGEVITY**

Optimized contact patch with the ground



**8-11%  
HIGHER PAY LOAD<sup>3,4</sup>**



**UP TO  
34 KILOMETERS  
IN AN HOUR<sup>5</sup>**



**+5-8%  
WEAR LIFE<sup>6,7</sup>**

**TIRE SIZES:** 18.00R33 A4 & B\*<sup>1,2,3,5,6</sup>, 24.00R35 A4 & B\*<sup>1,2,4,5,7</sup>

<sup>1</sup> Due to 30% more lug edges in contact with the ground.

<sup>2</sup> Based on customer feedback done on: 140 tires (field tests) in 10 countries by 23 customers during 2016 and 2017.

<sup>3</sup> Compared to Bridgestone® VMTP tires, MICHELIN® XDT™ tires, and MICHELIN® X® TRACTION™ SC tires in size 18.00R33. Actual results may vary. (Sources: Bridgestone® 2018 OTR Data Book and MICHELIN® 2017 Data Book).

<sup>4</sup> Compared to the same size in Bridgestone® VMTP and VRLS - Source Bridgestone® OTR Databook 2016 and MICHELIN® XDT™ tire, MICHELIN® X-TRACTION™ SC tire - Source MICHELIN® Data Book 2017.

<sup>5</sup> Compared to MICHELIN® X® TRACTION™ SC and MICHELIN® XDT™ B compound tires. Actual results may vary.

<sup>6</sup> Compared to MICHELIN® XDT™ tires in size 18.00R33 and based on field test measurements and FARO-method measurements certified by the Michelin® Center of Technology. Actual results may vary.

<sup>7</sup> Compared to same size in MICHELIN® XDT™ tire, field test measurements certified by the Michelin® Center of Technology, from 2015 to 2017.

\*Please refer to the Earthmover Tire compounds section on page 147.



# MICHELIN XTRA LOAD PROTECT A/A4 & B/B4 COMPOUND\*



**EASY LIFE IN  
HARD CONDITIONS**



For Rigid Dump Trucks

**EXCELLENT PROTECTION  
IN HARD, SHARP  
GROUND CONDITIONS**



**CORROSION-  
PROOF CABLES**

Steel encapsulated by rubber  
prevents corrosion spread,  
thus increasing aggression  
resistance.



**8-11%  
HIGHER PAY LOAD<sup>1,2</sup>**



**MORE DISTANCE  
IN AN HOUR<sup>3</sup>**



**+7-8%  
WEAR LIFE<sup>4,5</sup>**

**TIRE SIZES:** 18.00R33 A & B4<sup>\*1,3,4</sup>, 24.00R35 A4 & B<sup>\*2,3,5</sup>

<sup>1</sup> Compared to the Bridgestone® VMTP and VRLS tires and MICHELIN® X®QUARRY™ S tires in size 18.00R33. Actual results may vary. (Sources: Bridgestone® OTR 2018 Data Book and MICHELIN® 2017 Data Book.)

<sup>2</sup> Compared to the same size in Bridgestone® VMTP and VRLS - Source Bridgestone® OTR Databook 2016 and MICHELIN® X®QUARRY™ S - Source Michelin® Databook 2017

<sup>3</sup> Compared to MICHELIN® X®QUARRY™ S tires. Actual results may vary.

<sup>4</sup> Compared to MICHELIN® X®QUARRY™ S tires in size 18.00R33 and based on field tests measurements and FARO-method measurements certified by the Michelin® Center of Technology. Actual results may vary.

<sup>5</sup> Compared to the same size in MICHELIN® X®QUARRY™ S, field tests measurements certified by the Michelin® Center of Technology, from 2015 to 2017. "

\*Please refer to the Earthmover Tire compounds section on page 147.

# MICHELIN X SNOPLUS



**EXCEPTIONAL TRACTION  
ON SNOW AND ICE**



For Loaders, Cranes and Graders



**ALL-SEASON USE**

The wide, non-directional tread design makes this ideal tire for year-round use



**LOW OPERATING COST**

Drastic reduction in downtime: the Michelin all-steel casing design has less flats than traditional bias-ply tires

Excellent wear life



**OUTSTANDING  
TRACTION ON  
SNOW AND ICE**

The special rubber compound and aggressive lug design with added sipes provide maximum maneuverability in winter conditions and minimize the need for chains

## **MICHELIN XTLA**



**EXCEPTIONAL TRACTION  
AND STABILITY ON  
YIELDING TERRAIN**



For Loaders and Graders



### **EXCEPTIONAL TRACTION**

With an aggressive, non-directional tread pattern, the MICHELIN® XTLA™ tire offers a wide contact area and delivers exceptional traction in a broad variety of conditions



### **GOOD STABILITY**

The summit is reinforced to offer stability on par with the MICHELIN® XHA 2® tire



### **DRASTIC DOWNTIME REDUCTION**

The Michelin all-steel casing design has less flats than traditional bias-ply tires

The design of the shoulder/sidewall intersection offers improved damage resistance



# MICHELIN XHA 2

**OPTIMIZE YOUR OPERATIONAL  
COST THANKS TO AN  
EXCEPTIONAL TIRE LIFE**



For Loaders and Graders

## DESIGNED TO BE RETREADED

Heat is the number one enemy of a tire. If your tire runs cooler it will last longer. The tire has been designed to limit tread movement and so limit the effects of heat to improve its retreadability.

MICHELIN® XHA 2® is up to 19%<sup>1</sup> cooler vs alternative producer 2

## BETTER AGGRESSION RESISTANCE<sup>4</sup>

The Michelin tire is engineered with an architecture designed to absorb impact, minimizing damage, allowing your tire to continue working

MICHELIN® XHA 2® has more sidewall puncture resistance than alternative producer 1

## EXCELLENT LONGEVITY

+16% WEAR LIFE<sup>1</sup>

Wear resistant rubber compound

More rubber to be worn<sup>2</sup> XHA 2® :  
+ 9.5% volume of tread rubber  
vs. alternative producer 1 and  
+ 4.6% vs alternative producer 2

Optimized contact patch  
with the ground

<sup>1</sup> Measurement certified by the Michelin Center of Technology, conducted at the Mining Testing Center in Almeria, Spain, in July 2016. Thermal measurements taken using a thermal imaging camera. Comparison of MICHELIN® XHA 2® 26.5 R 25 against Alternative producer 1 & 2 26.5 R 25. All tires followed the same protocols and configuration (temperature, track), same number of tires tested. Test organized using a CAT 966 M, at 15km/h with 12000kg of load, at 4 bars pressure.

<sup>2</sup> Test certified by Michelin Center of Technology, conducted at the Mining Testing Center in Almeria, Spain, in July 2016. Comparison of MICHELIN® XHA 2® against alternative producer 1, same size. All tires followed the same protocols and configuration, same number of tires tested. Test organized using a CAT 966 M, at 15 km/h, with 12000 kg of load, at 4 bars pressure.

<sup>3</sup> Compared to Premium competitors (alternative producer 1 & 2), field study in real life conditions made by Michelin for 5 years 2012-2017, on 170 tires in Eastern Europe, Western Europe, China and Asia South Pacific; same size (23.5 R 25, 26.5 R 25 and 29.5 R 25) and same usage.

<sup>4</sup> Measurement certified by the Michelin Center of Technology, using XAO software, comparison of MICHELIN® 26.5 R 25 XHA 2® against alternative producer 1, same tire size. All tires followed the same protocols and configuration, same number of tires tested. Test organized using a CAT 966 M, at 15 km/h, with 12000 kg of load, at 4 bars pressure.



# MICHELIN XLD 65



For Loaders and Graders



## HIGHER FOOTPRINT

Up to 49% more tread rubber<sup>1</sup> to protect your tire and insure its retreadability

Better traction on mixed soil



## HIGHER AIR VOLUME

Better comfort for the operator with up to 10% or more shock absorption<sup>2</sup>

Better flotation in soft soils



## FITS ON A WIDER RIM

Same diameter as an 80 series tire +14% footprint surface and greater number of edges<sup>2</sup>

<sup>1</sup> Internal comparison between 875/65 R 29 XHA 2° and 29.5 R 25 XHA 2° +49% and +45% between a 775/65 R 29 XHA 2° and 26.5 R 25 XHA 2°, measurements certified by the Michelin® Center of Technology.

<sup>2</sup> Internal comparison between 875/65 R 29 XHA 2° and 29.5 R 25 XHA 2°, measurements certified by the Michelin® Center of Technology.

# MICHELIN XLD D1

**IMPROVE YOUR SURFACE  
LOADER PRODUCTIVITY  
AND SPEED IN DIFFICULT  
CONDITIONS**



For Loaders, Dozers and Graders



## EXCEPTIONAL GRIP

Open tread design provides mud evacuation. Angled lugs provide longitudinal adhesion for more efficient loading at the face.



## EXCEPTIONAL TIRE LIFE

\*/\*\* load and carry up to 14 KPH



## GREAT PROTECTION

Reinforced belt package and customized compound dedicated to aggressive conditions

## WHICH TIRE MEETS YOUR SURFACE LOADER NEEDS?

| ***<br>EXTRA LOAD<br>LOWER SPEEDS LESS THAN 10KPH                                   | */**<br>LOAD & CARRY<br>UP TO 14KPH                                                 |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| MICHELIN® <b>XTXL®</b>                                                              | MICHELIN® <b>XLD® D1</b>                                                            |
|  |  |

TIRE SIZES: 26.5R25, 29.5R25, 35/65R33

# MICHELIN XTXL

**INCREASE YOUR  
PRODUCTIVITY THANKS  
TO BETTER TIRE LIFE AND  
LOAD CAPACITY**



For Loaders and Underground Machines

For more detail regarding the tire usage in the Block Handling application, please refer to the section: "Help with the use of Earthmover tires."

## COOLING SYSTEM

Sculpted shoulder blocks create an innovative cooling system



**DESIGNED TO  
INCREASE TIRE  
LIFE BY UP TO 10%<sup>1</sup>**

Large rubber volume distributed evenly over the whole sculpture

## SIDEWALL PROTECTION

Reinforced sidewall, increases shock and abrasion resistance

Reinforced Steel Crown Belt Package for superior protection against punctures and impacts.



**UP TO 20%  
INCREASED  
RESISTANCE IN  
AGGRESSIVE  
CONDITIONS<sup>1</sup>**



**UP TO 20%  
INCREASED LOAD  
CAPACITY<sup>1</sup>**

Allows greater inflation pressures and higher load capacity

<sup>1</sup> Internal comparison between Michelin® XTXL and Michelin® XLD® D1 of the same dimension. See Michelin Earthmover databook 2019.



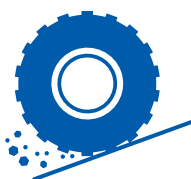
## **MICHELIN XLD D2**

**IMPROVE YOUR SURFACE  
LOADER PRODUCTIVITY  
AND SPEED IN DIFFICULT  
CONDITIONS**



For Loaders, Dozers and Graders

**INCREASE YOUR  
PRODUCTIVITY WITH  
OUTSTANDING TIRE WEAR  
AND THE BEST GRIP,  
PROTECTION FOR YOUR  
FACE-WORKING LOADERS**



### **EXCEPTIONAL GRIP**

Open tread design provides mud evacuation. Angled lugs provide longitudinal adhesion for more efficient loading at the face.



### **INCREASED LIFE**

High tread depth  
146 mm/116 32nd (L5)  
provides outstanding  
tire wear



### **GREAT PROTECTION**

Reinforced belt package:  
Customized compound  
dedicated to aggressive  
conditions (compound A4)

TIRE SIZES: 45/65R39, 45/65R45



# MICHELIN X TRA POWER L5

**TAKES ON FACEWORK  
AT FULL POWER**



For Loaders/Wheelloaders



**MAXIMIZE  
POWER,  
MINIMIZE  
RIM SLIP**

Redesigned bead optimizes  
transfer of torque



**INCREASE  
LOAD-CARRYING  
CAPACITY<sup>1</sup>**

Carry 16%<sup>2</sup> more load due  
to increased \*\*\* rating



**GET MORE CROWN  
PROTECTION<sup>2</sup>**

Designed with a reinforced  
steel crown belt package



**ELIMINATE LUG  
CRACKING**

Designed with new bridges  
and curved sculpture

<sup>1</sup> Increase in Load Carrying Capacity Requires Speed Reduction.

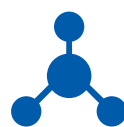
<sup>2</sup> Reference Michelin® Technical Earthmover Data Book 2019. Internal comparison between Michelin® XLD® D2 35/65R33 and Michelin® X® TRA POWER™ L5 35/65R33.

## **MICHELIN X MINE D2**

**RESISTANCE,  
TRACTION, ADHESION:  
NO COMPROMISE!**



For Loaders, Skid-Steer Loaders, Forklifts,  
Underground Haulers and Underground Loaders



### **RESISTANCE, TRACTION AND ADHESION**

Optimized compound  
slows tire wear



### **IMPACT & CUT RESISTANT**

Thanks to the optimized  
compound, the reinforced  
protection ply and the  
tread depth

### **REINFORCED PROTECTION PLY**



### **ADHESION & TRACTION**

The shoulder groove creates  
an optimized design for  
traction and evacuation, with  
a smooth central pattern for  
adhesion and protection

**TIRE SIZES:** 7.50R15, 8.25R15, 10.00R15, 350/65R15, 14.4R15, 400/80R15,  
9.00R20, 12.00R20, 14.00R20, 450/70R20, 12.00R24, 15.5R25, 16.00R25,  
17.5R25, 18.00R25, 20.5R25, 23.5R25, 26.5R25, 29.5R25, 35/65R33

# MICHELIN X MINE D2 L5 HR

**EXCELLENT PRODUCTIVITY  
IN HARD LOADING  
CONDITIONS**



For Loaders, Skid-Steer Loaders, Forklifts,  
Underground Haulers and Underground loaders

## OPTIMIZED COMPOUND

Built to withstand hard  
conditions and to slow  
tire wear

## IMPACT & CUT RESISTANT

Due to the optimized  
compound, the tread design  
and the resilient casing

## A RESILIENT CASING

Reinforced protection ply with  
several steel belts creates a tire  
that resists punctures

**TIRE SIZES:** 55/80R57, 60/80R57

<sup>1</sup> According to tire dimensions.

A high tread depth between  
118 mm and 119 mm<sup>1</sup>





# MICHELIN X MINE D2 L5 SR



**EXCELLENT PRODUCTIVITY  
IN STANDARD LOADING  
CONDITIONS**



For Loaders, Skid-Steer Loaders, Forklifts,  
Underground Haulers and Underground loaders



## OPTIMIZED COMPOUND

Built to withstand  
standard conditions  
and to slow tire wear



## IMPACT & CUT RESISTANT

Due to the optimized  
compound, the tread  
design and the resilient  
casing

## A RESILIENT CASING

Reinforced protection ply with  
steel belts constitute a tire that  
resists to punctures

**TIRE SIZES:** 50/65R51, 55/80R57, 60/80R57

<sup>1</sup>According to tire dimensions.



A high tread depth between  
116 mm and 119 mm<sup>1</sup>



# MICHELIN X MINE D2 LC

**MOVE LONGER,  
MOVE FASTER**



For Loaders, Skid-Steer Loaders, Forklifts,  
Underground Haulers and Underground loaders

**6 KM DISTANCE PER HOUR**

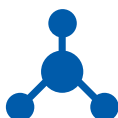


**ROBUST TREAD  
DESIGN**

**RESISTANCE  
TO SHOCK  
RUPTURES,  
CUTS AND  
TREAD TEARING**

Thanks to a substantial  
crown, reinforced  
shoulders and a  
protection band

TIRE SIZES: 50/65R51



**INCREASE YOUR  
PRODUCTIVITY**



The new MICHELIN® X MINE®  
D2 LC tire's compound reduces  
the temperature of the tire in  
order to move longer and faster.



## **MICHELIN X MINE D2 L5**



**EXCELLENT PRODUCTIVITY  
IN AGGRESSIVE LOADING  
CONDITIONS**



For Loaders, Skid-Steer Loaders, Forklifts,  
Underground Haulers and Underground loaders



### **OPTIMIZED COMPOUND**

Built to withstand hard  
conditions and to slow  
tire wear



### **IMPACT & CUT RESISTANT**

Thanks to the optimized  
compound, the tread  
design and the resilient  
casing

### **A RESILIENT CASING**

Reinforced protection ply  
with several specific steel  
belts constitute a  
tire that is very resistant  
to punctures

**TIRE SIZES:** 45/65R39, 45/65R45

<sup>1</sup> According to tire dimensions



A very high tread  
depth of 116 mm<sup>1</sup>

# MICHELIN X MINE D2 EXTRA LOAD



**MORE LOAD<sup>1</sup>,  
A TOUGHER TIRE<sup>2</sup>**



For Quarry and Underground



**EXTRA  
LOAD-CARRYING  
CAPACITY**

(\*\*\*TRA Load Range)  
New bead area and stronger,  
more robust architecture  
increases load capacity by up  
to 16%<sup>1</sup>



**IMPROVED  
TIRE LIFE**

When used at \*\* load, MICHELIN  
X Mine D2 Extra Load has  
improved aggression resistance<sup>2</sup>,  
which results in more tire life



**INCREASED  
SIDEWALL  
PROTECTION<sup>2</sup>**

An innovative technology  
constituted by extra plies  
in the sidewall prevent  
rocks from penetrating the  
sidewall

<sup>1</sup> The new MICHELIN® 35/65R33 X MINE® D2 EXTRA LOAD \*\*\* tires increase the load capacity by 16% from 28,000kg to 32,500kg.<sup>(1)</sup>

<sup>(1)</sup> Based on comparisons of the MICHELIN X MINE® D2 \*\* (2019 Michelin Data Book).

<sup>2</sup> The new MICHELIN® 35/65R33 X MINE® D2 EXTRA LOAD \*\*\* tires improve aggression resistance due to new cables and NRF technology (reinforced sidewall plies).<sup>(1)</sup>

<sup>(1)</sup> Compared to MICHELIN X MINE® D2 \*\* tires. Actual results may vary.



## **MICHELIN XGLA2**



**MAXIMIZE YOUR  
GRADER TRACTION**



For Graders



### **EXCELLENT PRODUCTIVITY**

Resistance to impacts and cuts resulting in less downtime



### **EXCELLENT TRACTION AND SIDE HILL GRIP**

An aggressive tread pattern, formed from many non-directional blocks, provides a high traction capability on unstable and muddy soils

An important contribution of the tread pattern to avoid lateral slip



### **LOW OPERATING COST**

Easy to repair

Long-lasting, even-wearing tread pattern and durable with low rolling resistance for efficient fuel economy



# MICHELIN X UM HAUL

## PRODUCTIVITY UNDER HEAVY HAULS



For Underground Haulers



### THE MOST PRODUCTIVE TIRE ON THE MARKET<sup>1,2</sup>

High load-carrying capacity and speed make it the most productive tire of its size on the market, with up to 360 TKPH



### GAIN MORE DISTANCE IN AN HOUR

Cooler rubber compounds allow trucks to maintain an average max distance of 14 km/hr<sup>4</sup> while carrying more



### SUPERIOR ADHESION<sup>5</sup> FOR BETTER GRIP

Center groove increases grip, and innovative tread pattern conquers underground mining operations

## HANDLES HEAVY LOADS

Designed with new, bigger cables and innovative 6-ply architecture that let trucks get 8.6% more<sup>3</sup> load capacity to carry up to 31.5 tons at 7 bar



<sup>1</sup> The new MICHELIN® 35/65R33 X® UM HAUL tire is the MOST PRODUCTIVE Underground TIRE ON THE MARKET for trucks greater than 60 tons of payload, with up to 360 TKPH.

<sup>2</sup> Based on comparisons to the 2021 Bridgestone Databook and the 2020 Goodyear Databook. Actual results may vary.

<sup>3</sup> The new MICHELIN® 35/65R33 X® UM HAUL tire gets 8.6% more load capacity, to carry up to 31.5 tons at 7 BAR due to new cables, architecture and larger tire.

<sup>4</sup> The new MICHELIN® 35/65R33 X® UM HAUL tire was designed to get 14 KM MAX DISTANCE PER HOUR thanks to a larger tire and cooler compound.

<sup>5</sup> The new MICHELIN® 35/65R33 X® UM HAUL tire was designed for EXCELLENT ADHESION thanks to a new innovative tread pattern that increases grip.

# MICHELIN X MINE D2 PRO

**IMPROVED AGGRESSION  
RESISTANCE AND  
REDUCTION IN  
DOWNTIME IN THE MOST  
EXTREME CONDITIONS**



For Loaders, Skid-Steer Loaders, Forklifts,  
Underground Haulers and Underground loaders



**EXTREME  
CONDITIONS  
DEMAND TOUGH  
TIRES**

**UP TO 18%  
INCREASED LOAD  
CAPACITY<sup>1</sup>**



**IMPROVED  
AGGRESSION  
RESISTANCE<sup>2</sup>**

Due to new cables and  
NRF technology

Two extra plies added to  
tire construction which  
contain crossed nylon cords  
encased in rubber for greater  
resistance and toughness

New cables in the working plies resist  
aggression and protect against oxidation.



**IMPROVED  
TIRE LIFE<sup>3</sup>**

In harsh conditions  
thanks to optimized  
tread compounds



**TIRE SIZES:** 17.5R25, 18.00R25, 20.5R25, 23.5R25, 26.5R25, 29.5R25, 29.5R29

<sup>1</sup> Based on comparisons of the MICHELIN® XSM® D2+ PRO and X MINE® D2 PRO to the MICHELIN® XSM® D2+ and MICHELIN® X MINE® D2, as set forth in the 2018 Michelin Data Book. Actual results may vary.

<sup>2</sup> Based on computer modeling comparisons of the MICHELIN® XSM® D2+ PRO and X MINE® D2 PRO tires compared to MICHELIN® XSM® D2+ and MICHELIN X MINE® D2 tires. Actual results may vary.

<sup>3</sup> Based upon improved aggression resistance and on computer modeling comparing the tread compounds included in the MICHELIN® XSM® D2+ PRO to the MICHELIN® XSM® D2+. Actual results may vary.

## **MICHELIN XSM D2+LC**

**MOVE FASTER,  
MOVE LONGER**



For Loaders, Underground Loaders and Forklifts

**DESIGNED TO INCREASE  
YOUR SPEED  
UP TO +50%  
DISTANCE PER HOUR<sup>1</sup>**

**6 KM DISTANCE PER HOUR**



**SPEED  
INCREASE**

Move faster and get up to  
+50% of distance per hour<sup>1</sup>



**SPECIAL  
CUT-RESISTANT  
RUBBER COMPOUNDS**

Protection and aggression  
resistance for most highly  
abrasive and severe mining  
conditions



**EXCEPTIONAL  
PROTECTION**

Special cut-resistant  
rubber compounds



TIRE SIZES: 18.00R25

<sup>1</sup> Internal comparison between the MICHELIN® XSM® D2 + LC and the MICHELIN® XSM® D2 + PRO, see the Michelin Earthmover Databook 2019.



## **MICHELIN XSM D2+**

**THE UNDERGROUND  
MINING LOADER TIRE FOR  
EXTREME CONDITIONS**



For Loaders, Underground Loaders and Forklifts

**SMOOTH, DEEP  
TREAD OF 78 MM**

**REDUCE YOUR DOWNTIME  
AND YOUR MAINTENANCE  
COSTS IN THE MOST  
EXTREME CONDITIONS**



**PROTECTED  
CASING**

Resists damage from  
impacts and penetration



**EXCELLENT  
ADHESION**

The smooth tread design gives an  
excellent level of adhesion in the  
most difficult conditions of use

**TIRE SIZES:** 12.00R24, 14.00R24, 17.5R25, 18.00R25, 26.5R25, 35/65R33

**ROBUST SHOULDERS WITH  
SIDEWALL PROTECTION**





# MICHELIN XSM D2+ PRO

**EXTREME CONDITIONS  
DEMAND TOUGH TIRES**



For Loaders, Underground Loaders and Forklifts



**INCREASE LOAD CAPACITY  
BY UP TO 18%<sup>1</sup>**



**IMPROVED AGGRESSION  
RESISTANCE<sup>2</sup>**

Due to new cables  
and NRF technology  
(reinforced sidewall plies)<sup>2</sup>

**NRF TECHNOLOGY**

Reinforced sidewall plies



**IMPROVED  
TIRE LIFE<sup>3</sup>**

In the harshest of conditions  
thanks to optimized tread  
compounds<sup>3</sup>

**TIRE SIZES:** 17.5R25, 18.00R25, 26.5R25, 29.5R29

<sup>1</sup> Based on comparisons of the MICHELIN® XSM® D2+ PRO and X MINE® D2 PRO to the MICHELIN® XSM® D2+ and MICHELIN® X MINE® D2, as set forth in the 2018 Michelin Data Book. Actual results may vary.

<sup>2</sup> Based on computer modeling comparisons of the MICHELIN® XSM® D2+ PRO and X MINE® D2 PRO tires compared to MICHELIN® XSM® D2+ and MICHELIN® X MINE® D2 tires. Actual results may vary.

<sup>3</sup> Based upon improved aggression resistance and on computer modeling comparing the tread compounds included in the MICHELIN® XSM® D2+ PRO to the MICHELIN® XSM® D2+. Actual results may vary.

# MICHELIN XADN+ A & B4 COMPOUND\*

**OPTIMIZE YOUR  
OPERATIONAL COST  
THANKS TO AN  
EXCEPTIONAL TIRE LIFE**



For Articulated Dump Trucks and Scrapers



**+11% WEAR  
LIFE<sup>1</sup>**

The MICHELIN XADN+ lasts up to 11%<sup>1</sup> on average more hours compared to premium competitors

The B4 compound will improved the tread wear resistance on abrasive soil



**GOOD LONG-TERM  
INVESTMENT**

Up to 81% of Michelin tires are retreadable due to Michelin's casing quality<sup>3</sup>



Multi-block tread pattern with shoulder made of alternating and multi-edged blocks

Summit designed to resist stresses when cornering



Excellent lateral grip on soft terrain due to self-cleaning tread pattern



**EXCELLENT TRACTION**

Maneuverability on soft or muddy soil with proven flotation and traction

**EXCELLENT TREAD WEAR RESISTANCE  
THANKS TO NEW RUBBER COMPOUND<sup>2</sup>**

<sup>1</sup> Compared to premium competitors field study in real life conditions made by Michelin for 9 years 2008-2017, on 114 tires in Africa, India, Middle-East, Australia, Asia South Pacific and Europe ; same size (23.5 R 25, 26.5 R 25 and 29.5 R 25) and same usage.

<sup>2</sup> See the 2019 MICHELIN technical databook Earthmover Tires. Reference value got with A-type rubber compound. Possibility of extension based on the need to be validated through specific study, please consult your local Michelin Technical Representative.

<sup>3</sup> Measurement on retreadable capability made by Pneus Laurent over 2 years (2015-2017), on 578 Michelin tires on the same dimension (26.5 R 25) in Europe.

\* Please refer to the Earthmover Tire compounds section on page 147.

# MICHELIN XAD 65

**TAILORED FOR YOUR  
BOTTOM LINE IN ANY  
WORKING CONDITIONS**



For Articulated Dump Trucks

Multi-block  
tread pattern

Larger footprint  
with lower ground  
contact pressure,  
better stability,  
excellent mobility



## HIGHER FOOTPRINT

More tread rubber<sup>2</sup> to  
protect your tire and  
insure its retreadability

Better traction on  
mixed soils

+26% footprint surface<sup>2</sup>

Excellent lateral grip on  
soft terrain due to self-  
cleaning tread pattern



## HIGHER LOAD CAPACITY

Up to 1600kg/3527 lbs at  
a lower pressure<sup>1</sup>



## HIGHER AIR<sup>2</sup> VOLUME

Better comfort for the  
operator with up to  
10% or more shock  
absorption<sup>2</sup>

Better flotation in  
soft soils

<sup>1</sup> Internal comparison between 875/65 R 29 XAD65 and 29.5 R 25 XADN+, measurements certified by the Michelin® Center of Technology.

<sup>2</sup> Internal comparison between 1376/363.5 (Liter/Gallon) of the 875/65 R 29 XAD65 and 1221/322.6 (Liter/Gallon) of the 29.5 R 25 XADN+, measurement certified by Michelin® Center of Technology.



# MICHELIN XTRA DEFEND

**BUILT TO RESIST**



For Articulated Dump Trucks

**OUTSTANDING TIRE  
LIFE AND EXCEPTIONAL  
RESISTANCE TO  
AGGRESSION**



**EXCELLENT  
TIRE LIFE<sup>1</sup>**

Deeper tread pattern and  
more rubber to be worn<sup>1</sup>



**BETTER AGGRESSION  
RESISTANCE<sup>1,2</sup>**

Protective shield on the crown  
and sidewalls and more mass  
metal on the summit



★ ★ Casing ply



**EXCELLENT  
TKPH**

**TIRE SIZES:** 750/65R25<sup>1,3</sup>, 875/65R29<sup>1,3</sup>, 23.5R25<sup>2,4,5</sup>, 26.5R25<sup>2,4,5</sup>, 29.5R25<sup>2,4,5</sup>

<sup>1</sup> Internal comparison with MICHELIN® X®AD 65, same sizes

<sup>2</sup> Internal comparison with MICHELIN® X®-SUPER TERRAIN™+, see Michelin® Earthmover Data Book 2017.



## **MICHELIN XS SAND**

**TUBELESS RADIAL TIRE  
FOR ADT AND SPECIAL  
MACHINES WORKING  
IN DEEP SAND**



For Articulated Dump Trucks



### **HIGH LEVEL OF MOBILITY**

Wide tread

Greater ground contact area

Multi-facet tread pattern  
with staggered tread blocks



### **HIGH PRODUCTIVITY**

Strong, flexible radial casing

Heavy loads at low  
inflation pressures

Optimized sidewall

Resistance to hot climatic  
conditions and ultra  
violet light



### **FLOTATION**

Wide tread band and large  
air volume

Optimized distribution of  
ground pressure constraints

Low ground contact pressure

## **MICHELIN XTS**



**FOR MEDIUM POWERED  
SCRAPERS IN APPLICATIONS  
REQUIRING MAXIMUM  
TRACTION**



For Articulated Dump Trucks and Scrapers



### **IMPROVED DURABILITY**

#### **BETTER RESISTANCE TO DAMAGE AND ABRASION**

Square shoulders and  
protective sidewall bands



### **INCREASED TRACTION AND ADHESION**

#### **SELF CLEANING TREAD PATTERN**

Open tread design with  
widely spaced tread blocks



### **EXTENDED LIFE**

#### **IMPROVED WEAR RATE**

Extra deep tread composed  
of special new rubber compounds

## **MICHELIN XMS**



**E3 RADIAL TIRE FOR LARGE  
SCRAPERS DELIVERS EXCELLENT  
TRACTION, SUPERIOR DAMAGE  
RESISTANCE & A SMOOTH RIDE**



For Scrapers



### **MAXIMUM RESISTANCE**

The square tread contour protects shoulders and sidewalls from damage



### **EXCELLENT LATERAL GRIP**

The edges of the circumferential tread pattern offer exceptional lateral grip



### **OPTIMAL COMFORT**

Staggered tread blocks provide excellent operator comfort



### **EXTENDED TIRE LIFE**

The innovative tread design has a high lug-to-void ratio



## **MICHELIN XRS**



**THE NON-DIRECTIONAL  
E4R TIRE FOR HIGH POWERED  
SCRAPERS IN HARSH  
WORKING CONDITIONS**



For Scrapers



### **LONGEVITY**

#### **A THICK, TOUGH TREAD**

Additional volume of tread  
rubber available for wear



### **PRODUCTIVITY**

Deep open tread pattern  
with staggered blocks



### **DAMAGE RESISTANCE**

Better protection against  
cuts and side wall damage



## **MICHELIN X-CRANE + (M+S)**



**LIFTING YOUR  
PRODUCTIVITY  
TO NEW HEIGHTS**



For Cranes



### **LOWER OPERATING COSTS**

Wear life increased by up to 20%<sup>1</sup> thanks to a new, more resistant rubber compound in the tread



### **GREATER OPERATOR COMFORT AND RELIABILITY**

Improvement in irregular wear patterns so that the crane generates fewer vibrations thanks to a more rigid rubber compound in the tread



### **LESS WASTE**

More environmentally friendly because tires can be regrooved

Increased reliability due to better resistance of the cables, the C2 Technology and a longer-lasting bead area

<sup>1</sup> Internal comparison between the MICHELIN® X-CRANE® + and the MICHELIN® X-CRANE® or XGC® depending of the dimension, measurements certified by the Michelin® Center of Technology.

# MICHELIN XGC

**HIGH SPEED RADIAL TIRE  
FOR MOBILE CRANES  
AND SPECIAL MACHINES**



For Mobile Cranes and Special Machines



## **HEAT RESISTANCE**

Reinforced sidewalls  
with bridging  
rubber between  
tread blocks



## **COMFORT**

Reinforced sidewalls

Non-directional tread  
with bridging rubber  
between tread blocks



## **EXCELLENT LIFE**

Versatile tread with  
independent tread blocks

Regroovable

## **MICHELIN XMH S**

**E2S RADIAL TIRE, FOR  
LONG DISTANCE TRANSPORT  
AT HIGH SPEEDS**



Special Vehicles



### **MORE PRODUCTIVITY<sup>1</sup>**

Optimized crown structure

Rubber compound & design  
allowing long distance with  
a high wear resistance

Massive tread

“Land to sea” ratio  
increased

Improved wear form  
(tread blocks) design



### **MORE SAFETY FEATURES<sup>1</sup>**

Heavily blocked  
tread pattern with  
longitudinal &  
lateral grooves



### **MORE COMFORT & TRACTION<sup>1</sup>**

Tread pattern with offset blocks  
and progressive contact ground



<sup>1</sup> Internal comparison between the MICHELIN® XMP 170 E and the MICHELIN® XMH S of the same dimension, measurements certified by the Michelin® Center of Technology.

## **MICHELIN X LISSE COMPACTEUR**

**A SLICK RADIAL TIRE  
FOR COMPACTORS**



For Compactor



### **EXCELLENT FINISHING**

Even contact pressure throughout the contact area because of the Radial construction



### **REDUCTION IN MACHINE DOWNTIME**

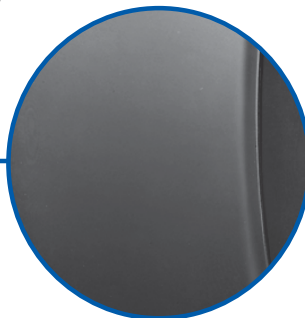
The specialized design of the crown gives excellent resistance to heat



Robust tread and shoulders give more resistance to cuts and perforations

MICHELIN® Radial structure improves tire life

No traces left because of the smooth tread pattern and rounded shoulders



### **REDUCTION IN OPERATING COST**

Wear indicators in the tire tread facilitate tread wear assessment





# **MICHELIN** **TECHNICAL DATA**

## **EARTHMOVER TIRES**

### **TIRE CHARACTERISTICS**

|              |                 |
|--------------|-----------------|
| <b>15"</b>   | <i>PAGE 62</i>  |
| <b>20"</b>   | <i>PAGE 64</i>  |
| <b>20.5"</b> | <i>PAGE 66</i>  |
| <b>21"</b>   | <i>PAGE 66</i>  |
| <b>24"</b>   | <i>PAGE 67</i>  |
| <b>25"</b>   | <i>PAGE 71</i>  |
| <b>29"</b>   | <i>PAGE 102</i> |
| <b>33"</b>   | <i>PAGE 106</i> |
| <b>35"</b>   | <i>PAGE 114</i> |
| <b>39"</b>   | <i>PAGE 117</i> |
| <b>45"</b>   | <i>PAGE 118</i> |
| <b>49"</b>   | <i>PAGE 119</i> |
| <b>51"</b>   | <i>PAGE 122</i> |
| <b>57"</b>   | <i>PAGE 125</i> |
| <b>63"</b>   | <i>PAGE 131</i> |

### TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI

15"

| COMMERCIAL DESCRIPTION                               | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved<br>Rims <sup>(2) (3)</sup> |
|------------------------------------------------------|-----------------|-----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>X LISSE COMPACTEUR C1<br/>7.50 R 15 Tube Type</b> | 123461<br>12568 |                             |                             | 198<br>7.8   | 770<br>30.3  | 338<br>13.3   | 2324<br>91.5  | 9<br>11.3              |                         | 40<br>10.6           | 6.0                                             | 5.5<br>6.00S<br>6.5<br>B6.5               |

|            |           |            |             |           |            |           |            |           |            |            |
|------------|-----------|------------|-------------|-----------|------------|-----------|------------|-----------|------------|------------|
| <b>Bar</b> | <b>3</b>  | <b>3.5</b> | <b>3.75</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>7</b>   | <b>8</b>   |
| <b>Psi</b> | <b>44</b> | <b>51</b>  | <b>54</b>   | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  | <b>87</b> | <b>102</b> | <b>116</b> |

| Machine - Use ( kg - lbs) | COMPACTORS |      |      |      |      |      |      |      |      |      |  |  |
|---------------------------|------------|------|------|------|------|------|------|------|------|------|--|--|
| 10 KM/H                   | 1250       | 1400 | 1470 | 1540 | 1680 | 1830 | 1970 | 2120 | 2420 | 2725 |  |  |
| 6 MPH                     | 2756       | 3087 | 3241 | 3396 | 3704 | 4035 | 4344 | 4675 | 5336 | 6009 |  |  |
| 15 KM/H                   | 1020       | 1135 | 1190 | 1250 | 1375 | 1500 | 1600 | 1700 | 1980 | 2180 |  |  |
| 9 MPH                     | 2249       | 2503 | 2624 | 2756 | 3032 | 3308 | 3528 | 3749 | 4366 | 4807 |  |  |

| COMMERCIAL DESCRIPTION                     | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved<br>Rims <sup>(2) (3)</sup> |
|--------------------------------------------|-----------------|-----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XMINE D2 L5<br/>7.50 R 15 Tube Type</b> | 123342<br>23416 | 6<br>3.7                    |                             | 230<br>9.1   | 840<br>33.1  | 385<br>15.2   | 2551<br>100.4 | 46<br>58               |                         | 39<br>10.3           | 6.0                                             | 5.5<br>6.00S<br>6.5<br>B6.5               |

|            |           |            |             |           |            |           |            |           |            |            |
|------------|-----------|------------|-------------|-----------|------------|-----------|------------|-----------|------------|------------|
| <b>Bar</b> | <b>3</b>  | <b>3.5</b> | <b>3.75</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>7</b>   | <b>8</b>   |
| <b>Psi</b> | <b>44</b> | <b>51</b>  | <b>54</b>   | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  | <b>87</b> | <b>102</b> | <b>116</b> |

| Machine - Use ( kg - lbs) | LOADERS      |              |              |              |              |              |              |              |              |              |  |  |
|---------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--|--|
| FRONT LADEN               | 1850<br>4079 | 2000<br>4410 | 2075<br>4575 | 2150<br>4741 | 2250<br>4961 | 2400<br>5292 | 2500<br>5513 | 2650<br>5843 | 2900<br>6395 | 3150<br>6946 |  |  |
| REAR UNLADEN              | 1475<br>3252 | 1600<br>3528 | 1650<br>3638 | 1725<br>3804 | 1800<br>3969 | 1925<br>4245 | 2000<br>4410 | 2125<br>4686 | 2325<br>5127 | 2525<br>5568 |  |  |

| Machine - Use ( kg - lbs) | UNDERGROUND MINE MACHINES |              |              |              |              |              |              |              |              |              |  |  |
|---------------------------|---------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--|--|
| ALL AXLES                 | 1675<br>3693              | 1800<br>3969 | 1875<br>4134 | 1925<br>4245 | 2025<br>4465 | 2150<br>4741 | 2250<br>4961 | 2375<br>5237 | 2600<br>5733 | 2825<br>6229 |  |  |

| COMMERCIAL DESCRIPTION                     | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved<br>Rims <sup>(2) (3)</sup> |
|--------------------------------------------|-----------------|-----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XMINE D2 L5<br/>8.25 R 15 Tube Type</b> | 123352<br>22154 | 6<br>3.7                    |                             | 250<br>9.8   | 882<br>34.7  | 402<br>15.8   | 2680<br>105.5 | 48<br>60.5             |                         | 47<br>12.4           | 6.5                                             | 6.0<br>7.0<br>B6.5                        |

|            |           |            |             |           |            |           |            |           |            |            |
|------------|-----------|------------|-------------|-----------|------------|-----------|------------|-----------|------------|------------|
| <b>Bar</b> | <b>3</b>  | <b>3.5</b> | <b>3.75</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>7</b>   | <b>8</b>   |
| <b>Psi</b> | <b>44</b> | <b>51</b>  | <b>54</b>   | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  | <b>87</b> | <b>102</b> | <b>116</b> |

| Machine - Use ( kg - lbs) | LOADERS      |              |              |              |              |              |              |              |              |              |  |  |
|---------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--|--|
| FRONT LADEN               | 2000<br>4410 | 2200<br>4851 | 2300<br>5072 | 2400<br>5292 | 2550<br>5623 | 2700<br>5954 | 2850<br>6284 | 3000<br>6615 | 3300<br>7277 | 3600<br>7938 |  |  |
| REAR UNLADEN              | 1600<br>3528 | 1750<br>3859 | 1850<br>4079 | 1925<br>4245 | 2050<br>4520 | 2150<br>4741 | 2275<br>5016 | 2400<br>5292 | 2650<br>5843 | 2875<br>6339 |  |  |

| Machine - Use ( kg - lbs) | UNDERGROUND MINE MACHINES |              |              |              |              |              |              |              |              |              |  |  |
|---------------------------|---------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--|--|
| ALL AXLES                 | 1800<br>3969              | 1975<br>4355 | 2075<br>4575 | 2150<br>4741 | 2300<br>5072 | 2425<br>5347 | 2575<br>5678 | 2700<br>5954 | 2975<br>6560 | 3250<br>7166 |  |  |

| COMMERCIAL DESCRIPTION                      | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved<br>Rims <sup>(2) (3)</sup> |
|---------------------------------------------|-----------------|-----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XMINE D2 L5<br/>10.00 R 15 Tube Type</b> | 123372<br>18686 | 6<br>3.7                    |                             | 295<br>11.6  | 910<br>35.8  | 411<br>16.2   | 2748<br>108.2 | 48<br>60.5             |                         | 70<br>18.5           | 7.5                                             | 7.0                                       |

|            |           |            |           |            |           |            |           |            |            |            |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|------------|------------|
| <b>Bar</b> | <b>3</b>  | <b>3.5</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>6.5</b> | <b>7</b>   | <b>8</b>   |
| <b>Psi</b> | <b>44</b> | <b>51</b>  | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  | <b>87</b> | <b>94</b>  | <b>102</b> | <b>116</b> |

| Machine - Use ( kg - lbs) | LOADERS      |              |              |              |              |              |              |              |              |              |  |  |
|---------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--|--|
| FRONT LADEN               | 2400<br>5292 | 2600<br>5733 | 2800<br>6174 | 3000<br>6615 | 3200<br>7056 | 3350<br>7387 | 3500<br>7718 | 3700<br>8159 | 3900<br>8600 | 4300<br>9482 |  |  |
| REAR UNLADEN              | 1925<br>4245 | 2075<br>4575 | 2250<br>4961 | 2400<br>5292 | 2550<br>5623 | 2675<br>5898 | 2800<br>6174 | 2965<br>6538 | 3125<br>6891 | 3450<br>7607 |  |  |

| Machine - Use ( kg - lbs) | UNDERGROUND MINE MACHINES |              |              |              |              |              |              |              |              |              |  |  |
|---------------------------|---------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--|--|
| ALL AXLES                 | 2150<br>4741              | 2350<br>5182 | 2525<br>5568 | 2700<br>5954 | 2875<br>6339 | 3025<br>6670 | 3150<br>6946 | 3325<br>7332 | 3500<br>7718 | 3875<br>8544 |  |  |

### TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI

| COMMERCIAL DESCRIPTION                                           | CAI MSPN               | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch       | D<br>mm inch       | R'<br>mm inch      | RC<br>mm inch        | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|------------------------------------------------------------------|------------------------|----------------------------|-----------------------------|--------------------|--------------------|--------------------|----------------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XMINE D2 L5</b><br><b>350/65 R 15 (32x14.5 R 15) Tubeless</b> | <b>826683</b><br>85701 | <b>6</b><br>3.7            |                             | <b>348</b><br>13.7 | <b>844</b><br>33.2 | <b>379</b><br>14.9 | <b>2543</b><br>100.1 | <b>36</b><br>45.4      |                         | <b>91</b><br>24      | <b>11.50</b>                                    | 10.50                                     |

|            |           |            |  |             |           |            |  |           |            |           |            |            |
|------------|-----------|------------|--|-------------|-----------|------------|--|-----------|------------|-----------|------------|------------|
| <b>Bar</b> | <b>3</b>  | <b>3.5</b> |  | <b>3.75</b> | <b>4</b>  | <b>4.5</b> |  | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>7</b>   | <b>8</b>   |
| <b>Psi</b> | <b>44</b> | <b>51</b>  |  | <b>54</b>   | <b>58</b> | <b>65</b>  |  | <b>73</b> | <b>80</b>  | <b>87</b> | <b>102</b> | <b>116</b> |

|                           |                |              |  |              |              |              |  |              |              |              |              |               |
|---------------------------|----------------|--------------|--|--------------|--------------|--------------|--|--------------|--------------|--------------|--------------|---------------|
| Machine - Use ( kg - lbs) | <b>LOADERS</b> |              |  |              |              |              |  |              |              |              |              |               |
| FRONT LADEN               | 2400<br>5292   | 2660<br>5865 |  | 2790<br>6152 | 2920<br>6439 | 3150<br>6946 |  | 3400<br>7497 | 3570<br>7872 | 3750<br>8269 | 4200<br>9261 | 4600<br>10143 |
| REAR UNLADEN              | 1920<br>4234   | 2128<br>4692 |  | 2232<br>4922 | 2336<br>5151 | 2520<br>5557 |  | 2720<br>5998 | 2856<br>6297 | 3000<br>6615 | 3360<br>7409 | 3680<br>8114  |

|                           |                                  |              |  |              |              |              |  |              |              |              |              |              |
|---------------------------|----------------------------------|--------------|--|--------------|--------------|--------------|--|--------------|--------------|--------------|--------------|--------------|
| Machine - Use ( kg - lbs) | <b>UNDERGROUND MINE MACHINES</b> |              |  |              |              |              |  |              |              |              |              |              |
| ALL AXLES                 | 2160<br>4763                     | 2394<br>5279 |  | 2511<br>5537 | 2628<br>5795 | 2835<br>6251 |  | 3060<br>6747 | 3213<br>7085 | 3375<br>7442 | 3780<br>8335 | 4140<br>9129 |

| COMMERCIAL DESCRIPTION                          | CAI MSPN               | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch     | D<br>mm inch       | R'<br>mm inch      | RC<br>mm inch        | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|-------------------------------------------------|------------------------|----------------------------|-----------------------------|------------------|--------------------|--------------------|----------------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XMINE D2 L5</b><br><b>14.5 R 15 Tubeless</b> | <b>123101</b><br>41368 | <b>6</b><br>3.7            |                             | <b>380</b><br>15 | <b>894</b><br>35.2 | <b>408</b><br>16.1 | <b>2711</b><br>106.7 | <b>48</b><br>60.5      |                         | <b>90</b><br>23.8    | <b>10.50</b>                                    | 11.0<br>11.00BD<br>11.50                  |

|            |           |            |  |             |           |            |  |           |            |           |            |            |
|------------|-----------|------------|--|-------------|-----------|------------|--|-----------|------------|-----------|------------|------------|
| <b>Bar</b> | <b>3</b>  | <b>3.5</b> |  | <b>3.75</b> | <b>4</b>  | <b>4.5</b> |  | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>7</b>   | <b>8</b>   |
| <b>Psi</b> | <b>44</b> | <b>51</b>  |  | <b>54</b>   | <b>58</b> | <b>65</b>  |  | <b>73</b> | <b>80</b>  | <b>87</b> | <b>102</b> | <b>116</b> |

|                           |                |              |  |              |              |              |  |              |              |              |               |               |
|---------------------------|----------------|--------------|--|--------------|--------------|--------------|--|--------------|--------------|--------------|---------------|---------------|
| Machine - Use ( kg - lbs) | <b>LOADERS</b> |              |  |              |              |              |  |              |              |              |               |               |
| FRONT LADEN               | 2550<br>5623   | 2850<br>6284 |  | 2975<br>6560 | 3100<br>6836 | 3350<br>7387 |  | 3600<br>7938 | 3850<br>8489 | 4100<br>9041 | 4600<br>10143 | 5100<br>11246 |
| REAR UNLADEN              | 2050<br>4520   | 2275<br>5016 |  | 2375<br>5237 | 2475<br>5457 | 2675<br>5898 |  | 2875<br>6339 | 3075<br>6780 | 3275<br>7221 | 3675<br>8103  | 4075<br>8985  |

|                           |                                  |              |  |              |              |              |  |              |              |              |              |               |
|---------------------------|----------------------------------|--------------|--|--------------|--------------|--------------|--|--------------|--------------|--------------|--------------|---------------|
| Machine - Use ( kg - lbs) | <b>UNDERGROUND MINE MACHINES</b> |              |  |              |              |              |  |              |              |              |              |               |
| ALL AXLES                 | 2300<br>5072                     | 2575<br>5678 |  | 2675<br>5898 | 2800<br>6174 | 3025<br>6670 |  | 3250<br>7166 | 3475<br>7662 | 3700<br>8159 | 4150<br>9151 | 4600<br>10143 |

| COMMERCIAL DESCRIPTION                                         | CAI MSPN               | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch       | D<br>mm inch       | R'<br>mm inch      | RC<br>mm inch      | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|----------------------------------------------------------------|------------------------|----------------------------|-----------------------------|--------------------|--------------------|--------------------|--------------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XMINE D2 L5</b><br><b>400/80 R 15 (38x16 R 15) Tubeless</b> | <b>735466</b><br>41318 | <b>6</b><br>3.7            |                             | <b>385</b><br>15.2 | <b>996</b><br>39.2 | <b>445</b><br>17.5 | <b>2996</b><br>118 | <b>34</b><br>42.8      |                         | <b>128</b><br>33.8   | <b>11.50</b>                                    |                                           |

|            |           |            |  |             |           |            |  |           |            |           |            |            |
|------------|-----------|------------|--|-------------|-----------|------------|--|-----------|------------|-----------|------------|------------|
| <b>Bar</b> | <b>3</b>  | <b>3.5</b> |  | <b>3.75</b> | <b>4</b>  | <b>4.5</b> |  | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>7</b>   | <b>8</b>   |
| <b>Psi</b> | <b>44</b> | <b>51</b>  |  | <b>54</b>   | <b>58</b> | <b>65</b>  |  | <b>73</b> | <b>80</b>  | <b>87</b> | <b>102</b> | <b>116</b> |

|                           |                |              |  |              |              |              |  |               |               |               |               |               |
|---------------------------|----------------|--------------|--|--------------|--------------|--------------|--|---------------|---------------|---------------|---------------|---------------|
| Machine - Use ( kg - lbs) | <b>LOADERS</b> |              |  |              |              |              |  |               |               |               |               |               |
| FRONT LADEN               | 3300<br>7277   | 3650<br>8048 |  | 3825<br>8434 | 4000<br>8820 | 4350<br>9592 |  | 4700<br>10364 | 5050<br>11135 | 5400<br>11907 | 6100<br>13451 | 6600<br>14553 |
| REAR UNLADEN              | 2650<br>5843   | 2925<br>6450 |  | 3050<br>6725 | 3200<br>7056 | 3475<br>7662 |  | 3750<br>8269  | 4050<br>8930  | 4325<br>9537  | 4875<br>10749 | 5275<br>11631 |

|                           |                                  |              |  |              |              |              |  |              |               |               |               |               |
|---------------------------|----------------------------------|--------------|--|--------------|--------------|--------------|--|--------------|---------------|---------------|---------------|---------------|
| Machine - Use ( kg - lbs) | <b>UNDERGROUND MINE MACHINES</b> |              |  |              |              |              |  |              |               |               |               |               |
| ALL AXLES                 | 2975<br>6560                     | 3275<br>7221 |  | 3450<br>7607 | 3600<br>7938 | 3900<br>8600 |  | 4225<br>9316 | 4550<br>10033 | 4850<br>10694 | 5500<br>12128 | 5950<br>13120 |



### TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI

20"

| COMMERCIAL DESCRIPTION                              | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims           |
|-----------------------------------------------------|-----------------|-----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-----------------------------------------------------|
| <b>XMINE D2 L5R *</b><br><b>9.00 R 20 Tube Type</b> | 123382<br>09497 | 6<br>3.7                    |                             | 277<br>10.9  | 1054<br>41.5 | 484<br>19.1   | 3203<br>126.1 | 51<br>64.3             |                         | 98<br>25.9           | 7.0                                             | 6.5 - B6.5<br>7.0T<br>7.33V<br>7.5<br>B 7.0<br>B7.5 |

|            |           |           |           |           |            |            |  |  |  |  |  |  |
|------------|-----------|-----------|-----------|-----------|------------|------------|--|--|--|--|--|--|
| <b>Bar</b> | <b>3</b>  | <b>4</b>  | <b>5</b>  | <b>6</b>  | <b>7</b>   | <b>8</b>   |  |  |  |  |  |  |
| <b>Psi</b> | <b>44</b> | <b>58</b> | <b>73</b> | <b>87</b> | <b>102</b> | <b>116</b> |  |  |  |  |  |  |

|                           |                |              |              |              |               |               |  |  |  |  |  |  |
|---------------------------|----------------|--------------|--------------|--------------|---------------|---------------|--|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>LOADERS</b> |              |              |              |               |               |  |  |  |  |  |  |
| FRONT LADEN               | 3000<br>6615   | 3400<br>7497 | 3800<br>8379 | 4200<br>9261 | 4600<br>10143 | 5000<br>11025 |  |  |  |  |  |  |
| REAR UNLADEN              | 2400<br>5292   | 2700<br>5954 | 3050<br>6725 | 3350<br>7387 | 3700<br>8159  | 4000<br>8820  |  |  |  |  |  |  |

|                           |                                  |              |              |              |              |              |  |  |  |  |  |  |
|---------------------------|----------------------------------|--------------|--------------|--------------|--------------|--------------|--|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>UNDERGROUND MINE MACHINES</b> |              |              |              |              |              |  |  |  |  |  |  |
| ALL AXLES                 | 2700<br>5954                     | 3050<br>6725 | 3400<br>7497 | 3800<br>8379 | 4150<br>9151 | 4500<br>9923 |  |  |  |  |  |  |

| COMMERCIAL DESCRIPTION                             | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims     |
|----------------------------------------------------|-----------------|-----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-----------------------------------------------|
| <b>XMINE D2 L5R</b><br><b>12.00 R 20 Tube Type</b> | 123392<br>19601 | 6<br>3.7                    |                             | 323<br>12.7  | 1174<br>46.2 | 534<br>21     | 3555<br>140   | 57<br>71.8             |                         | 146<br>38.6          | 8.5                                             | 8.0<br>8.50V<br>8.5V<br>9.0<br>9.00V<br>B 8.5 |

|            |           |           |           |           |            |            |  |  |  |  |  |  |
|------------|-----------|-----------|-----------|-----------|------------|------------|--|--|--|--|--|--|
| <b>Bar</b> | <b>3</b>  | <b>4</b>  | <b>5</b>  | <b>6</b>  | <b>7</b>   | <b>8</b>   |  |  |  |  |  |  |
| <b>Psi</b> | <b>44</b> | <b>58</b> | <b>73</b> | <b>87</b> | <b>102</b> | <b>116</b> |  |  |  |  |  |  |

|                           |                |              |               |               |               |               |  |  |  |  |  |  |
|---------------------------|----------------|--------------|---------------|---------------|---------------|---------------|--|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>LOADERS</b> |              |               |               |               |               |  |  |  |  |  |  |
| FRONT LADEN               | 3400<br>7497   | 4000<br>8820 | 4600<br>10143 | 5200<br>11466 | 5800<br>12789 | 6400<br>14112 |  |  |  |  |  |  |
| REAR UNLADEN              | 2700<br>5954   | 3200<br>7056 | 3700<br>8159  | 4150<br>9151  | 4650<br>10253 | 5100<br>11246 |  |  |  |  |  |  |

|                           |                                  |              |              |               |               |               |  |  |  |  |  |  |
|---------------------------|----------------------------------|--------------|--------------|---------------|---------------|---------------|--|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>UNDERGROUND MINE MACHINES</b> |              |              |               |               |               |  |  |  |  |  |  |
| ALL AXLES                 | 3050<br>6725                     | 3600<br>7938 | 4150<br>9151 | 4700<br>10364 | 5200<br>11466 | 5750<br>12679 |  |  |  |  |  |  |

| COMMERCIAL DESCRIPTION                                                    | CAI MSPN       | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims                                                            |
|---------------------------------------------------------------------------|----------------|-----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|------------------------------------------------------------------------------------------------------|
| <b>X LISSE COMPACTEUR C1</b><br><b>E20 PIL X L C 13/80 R 20 Tube Type</b> | 240750<br>6569 |                             |                             | 322<br>12.7  | 1050<br>41.3 | 470<br>18.5   | 3160<br>124.4 | 12<br>15.1             |                         | 140<br>37            | 9.0                                             | 7.33V - 7.5<br>8.00V - 8.5<br>9.00V - 10.0 -<br>10.00V<br>B 7.5 - 8.0<br>B8.0 - 8.0V<br>B8.5 - 8.50V |

|            |           |           |           |           |            |            |            |            |  |  |  |  |
|------------|-----------|-----------|-----------|-----------|------------|------------|------------|------------|--|--|--|--|
| <b>Bar</b> | <b>3</b>  | <b>4</b>  | <b>5</b>  | <b>6</b>  | <b>7</b>   | <b>8</b>   | <b>8.5</b> | <b>9</b>   |  |  |  |  |
| <b>Psi</b> | <b>44</b> | <b>58</b> | <b>73</b> | <b>87</b> | <b>102</b> | <b>116</b> | <b>123</b> | <b>131</b> |  |  |  |  |

| Machine - Use ( kg - lbs) | COMPACTORS   |              |              |              |               |               |               |               |  |
|---------------------------|--------------|--------------|--------------|--------------|---------------|---------------|---------------|---------------|--|
| 10 KM/H<br>6 MPH          | 2520<br>5557 | 3100<br>6836 | 3660<br>8070 | 4260<br>9393 | 4840<br>10672 | 5420<br>11951 | 5710<br>12591 | 6000<br>13230 |  |
| 15 KM/H<br>9 MPH          | 2240<br>4939 | 2760<br>6086 | 3260<br>7188 | 3790<br>8357 | 4310<br>9504  | 4820<br>10628 | 5000<br>11025 |               |  |

### TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI

| COMMERCIAL DESCRIPTION                      | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|---------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XMINE D2 L5R<br/>14.00 R 20 Tubeless</b> | 372138<br>64715 | 6<br>3.7                   |                             | 368<br>14.5  | 1236<br>48.7 | 557<br>21.9   | 3745<br>147.4 | 48<br>60.5             |                         | 175<br>46.2          | 10.0                                            | 10.00W                                    |

|            |           |           |           |            |           |            |            |            |            |  |  |  |
|------------|-----------|-----------|-----------|------------|-----------|------------|------------|------------|------------|--|--|--|
| <b>Bar</b> | <b>3</b>  | <b>4</b>  | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>6.5</b> | <b>7</b>   | <b>8</b>   | <b>8.5</b> |  |  |  |
| <b>Psi</b> | <b>44</b> | <b>58</b> | <b>73</b> | <b>80</b>  | <b>87</b> | <b>94</b>  | <b>102</b> | <b>116</b> | <b>123</b> |  |  |  |

|                           |                |               |               |               |               |               |               |               |  |  |  |  |
|---------------------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>LOADERS</b> |               |               |               |               |               |               |               |  |  |  |  |
| FRONT LADEN               | 4140<br>9129   | 4920<br>10849 | 5690<br>12546 | 6070<br>13384 | 6460<br>14244 | 6850<br>15104 | 7230<br>15942 | 8010<br>17662 |  |  |  |  |
| REAR UNLADEN              | 2430<br>5358   | 3100<br>6836  | 3770<br>8313  | 4100<br>9041  | 4430<br>9768  | 4770<br>10518 | 5100<br>11246 | 5770<br>12723 |  |  |  |  |

|                           |                                  |              |               |               |               |               |               |               |               |  |  |  |
|---------------------------|----------------------------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--|--|--|
| Machine - Use ( kg - lbs) | <b>UNDERGROUND MINE MACHINES</b> |              |               |               |               |               |               |               |               |  |  |  |
| ALL AXLES                 | 3480<br>7673                     | 4200<br>9261 | 4920<br>10849 | 5280<br>11642 | 5640<br>12436 | 6000<br>13230 | 6360<br>14024 | 7070<br>15589 | 7793<br>17184 |  |  |  |

| COMMERCIAL DESCRIPTION                   | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XZL E2 173G<br/>16.00R20 Tubeless</b> | 123357<br>06306 | 70<br>43.5                 |                             | 438<br>17.2  | 1343<br>52.9 | 615<br>24.2   | 4080<br>160.6 | 27<br>34               |                         | 315<br>83.2          | 10.00W                                          | 11.25                                     |

|            |           |           |           |           |           |            |            |            |            |            |  |  |
|------------|-----------|-----------|-----------|-----------|-----------|------------|------------|------------|------------|------------|--|--|
| <b>Bar</b> | <b>2</b>  | <b>3</b>  | <b>4</b>  | <b>5</b>  | <b>6</b>  | <b>7</b>   | <b>8</b>   | <b>8.5</b> | <b>9</b>   | <b>10</b>  |  |  |
| <b>Psi</b> | <b>29</b> | <b>44</b> | <b>58</b> | <b>73</b> | <b>87</b> | <b>102</b> | <b>116</b> | <b>123</b> | <b>131</b> | <b>145</b> |  |  |

|                           |                                                |               |               |               |               |               |                |                |                |                |  |  |
|---------------------------|------------------------------------------------|---------------|---------------|---------------|---------------|---------------|----------------|----------------|----------------|----------------|--|--|
| Machine - Use ( kg - lbs) | <b>CRANES AND SIMILAR SPECIALIZED MACHINES</b> |               |               |               |               |               |                |                |                |                |  |  |
| 0 KM/H<br>0 MPH           | 3580<br>7894                                   | 4830<br>10650 | 6125<br>13506 | 7390<br>16295 | 8660<br>19095 | 9900<br>21830 | 11200<br>24696 | 12075<br>26625 | 12950<br>28555 | 14700<br>32414 |  |  |
| 5 KM/H<br>3 MPH           | 2850<br>6284                                   | 3950<br>8710  | 5000<br>11025 | 6100<br>13451 | 7200<br>15876 | 8100<br>17861 | 9250<br>20396  | 9825<br>21664  | 10400<br>22932 | 11550<br>25468 |  |  |
| 10 KM/H<br>6 MPH          | 2750<br>6064                                   | 3750<br>8269  | 4750<br>10474 | 5750<br>12679 | 6700<br>14774 | 7600<br>16758 | 8700<br>19184  | 9125<br>20121  | 9550<br>21058  | 10600<br>23373 |  |  |
| 20 KM/H<br>12 MPH         | 2500<br>5513                                   | 3250<br>7166  | 4250<br>9371  | 5000<br>11025 | 6000<br>13230 | 6860<br>15126 | 7600<br>16758  | 8075<br>17805  | 8550<br>18853  | 9500<br>20948  |  |  |
| 30 KM/H<br>19 MPH         | 2250<br>4961                                   | 3000<br>6615  | 3750<br>8269  | 4500<br>9923  | 5250<br>11576 | 6000<br>13230 | 6860<br>15126  | 7225<br>15931  | 7590<br>16736  |                |  |  |
| 40 KM/H<br>25 MPH         | 2000<br>4410                                   | 2750<br>6064  | 3550<br>7828  | 4250<br>9371  | 5000<br>11025 | 5750<br>12679 | 6500<br>14333  | 6830<br>15060  | 7160<br>15788  |                |  |  |
| 50 KM/H<br>31 MPH         | 1950<br>4300                                   | 2700<br>5954  | 3500<br>7718  | 4200<br>9261  | 4900<br>10805 | 5700<br>12569 | 6350<br>14002  | 6725<br>14829  | 7100<br>15656  |                |  |  |
| 65 KM/H<br>40 MPH         | 1850<br>4079                                   | 2650<br>5843  | 3400<br>7497  | 4150<br>9151  | 4850<br>10694 | 5550<br>12238 | 6300<br>13892  | 6650<br>14663  | 7000<br>15435  |                |  |  |
| 80 KM/H<br>50 MPH         | 1800<br>3969                                   | 2600<br>5733  | 3350<br>7387  | 4100<br>9041  | 4800<br>10584 | 5500<br>12128 | 6250<br>13781  | 6550<br>14443  | 6850<br>15104  |                |  |  |
| 90 KM/H<br>56 MPH         | 1750<br>3859                                   | 2550<br>5623  | 3300<br>7277  | 4050<br>8930  | 4750<br>10474 | 5450<br>12017 | 6200<br>13671  | 6500<br>14333  |                |                |  |  |

| COMMERCIAL DESCRIPTION                         | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|------------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XMINE D2 L5 **<br/>450/70 R 20 Tubeless</b> | 976013<br>77552 | 8<br>5                     |                             | 433<br>17    | 1163<br>45.8 | 515<br>20.3   | 3488<br>137.3 | 37<br>46.6             |                         | 229<br>60.5          | 15.00T                                          |                                           |

|            |           |            |           |            |            |             |            |             |            |             |  |  |
|------------|-----------|------------|-----------|------------|------------|-------------|------------|-------------|------------|-------------|--|--|
| <b>Bar</b> | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>6.5</b> | <b>7</b>   | <b>7.25</b> | <b>7.5</b> | <b>7.75</b> | <b>8</b>   | <b>8.25</b> |  |  |
| <b>Psi</b> | <b>73</b> | <b>80</b>  | <b>87</b> | <b>94</b>  | <b>102</b> | <b>105</b>  | <b>109</b> | <b>112</b>  | <b>116</b> | <b>120</b>  |  |  |

|                           |                |               |               |               |               |               |               |               |               |               |  |  |
|---------------------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--|--|
| Machine - Use ( kg - lbs) | <b>LOADERS</b> |               |               |               |               |               |               |               |               |               |  |  |
| FRONT LADEN               | 6700<br>14774  | 7100<br>15656 | 7750<br>17089 | 8000<br>17640 | 8500<br>18743 | 8750<br>19294 | 9000<br>19845 | 9250<br>20396 | 9500<br>20948 | 9750<br>21499 |  |  |
| REAR UNLADEN              | 5360<br>11819  | 5680<br>12524 | 6200<br>13671 | 6400<br>14112 | 6800<br>14994 | 7000<br>15435 | 7200<br>15876 | 7400<br>16317 | 7600<br>16758 | 7800<br>17199 |  |  |

|                           |                                      |               |               |               |               |               |               |               |               |               |  |  |
|---------------------------|--------------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--|--|
| Machine - Use ( kg - lbs) | <b>UNDERGROUND TRANSPORT MACHINE</b> |               |               |               |               |               |               |               |               |               |  |  |
| ALL AXLES                 | 6000<br>13230                        | 6500<br>14333 | 6900<br>15215 | 7300<br>16097 | 7750<br>17089 | 8000<br>17640 | 8250<br>18191 | 8500<br>18743 | 8550<br>18853 | 8750<br>19294 |  |  |

### TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI

#### 20.5"

| COMMERCIAL DESCRIPTION                                          | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch  | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|-----------------------------------------------------------------|-----------------|-----------------------------|-----------------------------|---------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XS E7 173F</b><br>525/65 R 20.5 Tubeless <sup>(9)</sup>      | 109421<br>25906 |                             |                             | 521<br>20.5   | 1200<br>47.2 | 548<br>21.6   | 3640<br>143.3 | 17<br>21.4             |                         | 337<br>89            | 16.00                                           |                                           |
| <b>Bar</b>                                                      | <b>1</b>        | <b>2</b>                    |                             | <b>3</b>      | <b>4</b>     | <b>5</b>      | <b>6</b>      | <b>7</b>               |                         | <b>8</b>             |                                                 |                                           |
| <b>Psi</b>                                                      | 15              | 29                          |                             | 44            | 58           | 73            | 87            | 102                    |                         | 116                  |                                                 |                                           |
| <b>Machine - Use ( kg - lbs) DESERT CONDITIONS 80 KM/H MAX.</b> |                 |                             |                             |               |              |               |               |                        |                         |                      |                                                 |                                           |
| ROAD IN SINGLE                                                  | 1450<br>3197    | 2150<br>4741                |                             | 2850<br>6284  | 3600<br>7938 | 4300<br>9482  | 5000<br>11025 | 5750<br>12679          |                         | 6500<br>14333        |                                                 |                                           |
| TRACK IN SINGLE                                                 | 1700<br>3749    | 2600<br>5733                |                             | 3500<br>7718  | 4450<br>9812 | 5250<br>11576 |               |                        |                         |                      |                                                 |                                           |
| SAND IN SINGLE                                                  | 2300<br>5072    | 3850<br>8489                |                             | 5250<br>11576 |              |               |               |                        |                         |                      |                                                 |                                           |

| COMMERCIAL DESCRIPTION                                          | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch  | D<br>mm inch  | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|-----------------------------------------------------------------|-----------------|-----------------------------|-----------------------------|---------------|---------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XS E7 176F</b><br>24 R 20.5 Tubeless <sup>(9)</sup>          | 109174<br>23002 |                             |                             | 602<br>23.7   | 1374<br>54.1  | 620<br>24.4   | 4150<br>163.4 | 17<br>21.4             |                         | 538<br>142.1         | 18.00                                           |                                           |
| <b>Bar</b>                                                      | <b>1</b>        | <b>2</b>                    |                             | <b>2.5</b>    | <b>3</b>      | <b>3.5</b>    | <b>4</b>      | <b>4.5</b>             |                         | <b>5</b>             | <b>5.5</b>                                      | <b>6</b>                                  |
| <b>Psi</b>                                                      | 15              | 29                          |                             | 36            | 44            | 51            | 58            | 65                     |                         | 73                   | 80                                              | 87                                        |
| <b>Machine - Use ( kg - lbs) DESERT CONDITIONS 80 KM/H MAX.</b> |                 |                             |                             |               |               |               |               |                        |                         |                      |                                                 |                                           |
| ROAD IN SINGLE                                                  | 1950<br>4300    | 2950<br>6505                |                             | 3450<br>7607  | 4000<br>8820  | 4500<br>9923  | 5010<br>11047 | 5520<br>12172          |                         | 6050<br>13340        | 6575<br>14498                                   | 7100<br>15656                             |
| TRACK IN SINGLE                                                 | 2550<br>5623    | 3650<br>8048                |                             | 4250<br>9371  | 4750<br>10474 | 5300<br>11687 | 5850<br>12899 | 6400<br>14112          |                         | 6750<br>14884        | 7100<br>15656                                   |                                           |
| SAND IN SINGLE                                                  | 3500<br>7718    | 5350<br>11797               |                             | 6400<br>14112 | 7100<br>15656 |               |               |                        |                         |                      |                                                 |                                           |

#### 21"

| COMMERCIAL DESCRIPTION                                          | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch  | D<br>mm inch  | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|-----------------------------------------------------------------|-----------------|-----------------------------|-----------------------------|---------------|---------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XZL E2 176G</b><br>24 R 21 Tubeless <sup>(9)</sup>           | 110257<br>76025 |                             |                             | 608<br>23.9   | 1388<br>54.6  | 631<br>24.8   | 4200<br>165.4 |                        |                         |                      | 18.00/1.5                                       |                                           |
| <b>Bar</b>                                                      | <b>1</b>        | <b>2</b>                    |                             | <b>2.5</b>    | <b>3</b>      | <b>3.5</b>    | <b>4</b>      | <b>4.5</b>             |                         | <b>5</b>             | <b>5.5</b>                                      | <b>6</b>                                  |
| <b>Psi</b>                                                      | 15              | 29                          |                             | 36            | 44            | 51            | 58            | 65                     |                         | 73                   | 80                                              | 87                                        |
| <b>Machine - Use ( kg - lbs) DESERT CONDITIONS 80 KM/H MAX.</b> |                 |                             |                             |               |               |               |               |                        |                         |                      |                                                 |                                           |
| ROAD IN SINGLE                                                  | 1950<br>4300    | 2950<br>6505                |                             | 3450<br>7607  | 4000<br>8820  | 4500<br>9923  | 5010<br>11047 | 5520<br>12172          |                         | 6050<br>13340        | 6575<br>14498                                   | 7100<br>15656                             |
| TRACK IN SINGLE                                                 | 2550<br>5623    | 3650<br>8048                |                             | 4250<br>9371  | 4750<br>10474 | 5300<br>11687 | 5850<br>12899 | 6400<br>14112          |                         | 6750<br>14884        | 7100<br>15656                                   |                                           |
| SAND IN SINGLE                                                  | 3500<br>7718    | 5350<br>11797               |                             | 6400<br>14112 |               |               |               |                        |                         |                      |                                                 |                                           |

### TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI

24"

| COMMERCIAL DESCRIPTION                     | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved<br>Rims <sup>(2) (3)</sup> |
|--------------------------------------------|-----------------|-----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XZH E3 ***<br/>12.00 R 24 Tube Type</b> | 123369<br>72233 | 35<br>21.7                  | 119<br>82                   | 321<br>12.6  | 1258<br>49.5 | 591<br>23.3   | 3857<br>151.9 | 30<br>37.8             |                         | 171<br>45.2          | 8.5                                             | 7.33V<br>8.0<br>8.00V<br>8.50V            |
| <b>Bar</b>                                 | <b>4</b>        | <b>4.5</b>                  | <b>5</b>                    | <b>5.5</b>   | <b>6</b>     | <b>6.5</b>    | <b>7</b>      | <b>8</b>               | <b>8.5</b>              |                      |                                                 |                                           |
| <b>Psi</b>                                 | <b>58</b>       | <b>65</b>                   | <b>73</b>                   | <b>80</b>    | <b>87</b>    | <b>94</b>     | <b>102</b>    | <b>116</b>             | <b>123</b>              |                      |                                                 |                                           |
| <b>Machine - Use ( kg - lbs) TRANSPORT</b> |                 |                             |                             |              |              |               |               |                        |                         |                      |                                                 |                                           |
| <b>STANDARD</b>                            | 2700<br>5954    | 2950<br>6505                | 3200<br>7056                | 3475<br>7662 | 3750<br>8269 | 4000<br>8820  | 4250<br>9371  | 4500<br>9923           | 4650<br>10253           |                      |                                                 |                                           |

| COMMERCIAL DESCRIPTION                                     | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved<br>Rims <sup>(2) (3)</sup> |
|------------------------------------------------------------|-----------------|-----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XK A L3 ***<br/>12.00 R 24 Tube Type</b>                | 242110<br>06809 | 14<br>8.7                   |                             | 330<br>13    | 1244<br>49   | 569<br>22.4   | 3775<br>148.6 | 21<br>26.5             |                         | 155<br>41            | 8.5                                             | 7.33V<br>7.5<br>8.0<br>8.00V<br>8.50V     |
| <b>Bar</b>                                                 | <b>2</b>        | <b>2.5</b>                  | <b>3</b>                    | <b>3.5</b>   | <b>4</b>     | <b>4.5</b>    | <b>5</b>      | <b>5.5</b>             | <b>6</b>                | <b>7</b>             |                                                 |                                           |
| <b>Psi</b>                                                 | <b>29</b>       | <b>36</b>                   | <b>44</b>                   | <b>51</b>    | <b>58</b>    | <b>65</b>     | <b>73</b>     | <b>80</b>              | <b>87</b>               | <b>102</b>           |                                                 |                                           |
| <b>Machine - Use ( kg - lbs) UNDERGROUND MINE MACHINES</b> |                 |                             |                             |              |              |               |               |                        |                         |                      |                                                 |                                           |
| <b>ALL AXLES</b>                                           | 2050<br>4520    | 2450<br>5402                | 2750<br>6064                | 3100<br>6836 | 3450<br>7607 | 3800<br>8379  | 4150<br>9151  | 4475<br>9867           | 4800<br>10584           | 5500<br>12128        |                                                 |                                           |

| COMMERCIAL DESCRIPTION                                     | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved<br>Rims <sup>(2) (3)</sup> |
|------------------------------------------------------------|-----------------|-----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XMINE D2 L5R<br/>12.00 R 24 Tubeless</b>                | 242046<br>19455 | 6<br>3.7                    |                             | 330<br>13    | 1280<br>50.4 | 594<br>23.4   | 3906<br>153.8 | 57<br>71.8             |                         | 138<br>36.5          | 8.5                                             | 7.33V<br>7.5<br>8.0<br>8.00V<br>8.50V     |
| <b>Bar</b>                                                 | <b>2</b>        | <b>2.5</b>                  | <b>3</b>                    | <b>3.5</b>   | <b>4</b>     | <b>4.5</b>    | <b>5</b>      | <b>5.5</b>             | <b>6</b>                | <b>7</b>             |                                                 |                                           |
| <b>Psi</b>                                                 | <b>29</b>       | <b>36</b>                   | <b>44</b>                   | <b>51</b>    | <b>58</b>    | <b>65</b>     | <b>73</b>     | <b>80</b>              | <b>87</b>               | <b>102</b>           |                                                 |                                           |
| <b>Machine - Use ( kg - lbs) LOADERS</b>                   |                 |                             |                             |              |              |               |               |                        |                         |                      |                                                 |                                           |
| <b>FRONT LADEN</b>                                         | 2300<br>5072    | 2700<br>5954                | 3050<br>6725                | 3450<br>7607 | 3850<br>8489 | 4200<br>9261  | 4600<br>10143 | 4975<br>10970          | 5350<br>11797           | 6100<br>13451        |                                                 |                                           |
| <b>REAR UNLADEN</b>                                        | 1850<br>4079    | 2150<br>4741                | 2450<br>5402                | 2750<br>6064 | 3100<br>6836 | 3350<br>7387  | 3700<br>8159  | 4000<br>8820           | 4300<br>9482            | 4900<br>10805        |                                                 |                                           |
| <b>Machine - Use ( kg - lbs) UNDERGROUND MINE MACHINES</b> |                 |                             |                             |              |              |               |               |                        |                         |                      |                                                 |                                           |
| <b>ALL AXLES</b>                                           | 2050<br>4520    | 2450<br>5402                | 2750<br>6064                | 3100<br>6836 | 3450<br>7607 | 3800<br>8379  | 4150<br>9151  | 4475<br>9867           | 4800<br>10584           | 5500<br>12128        |                                                 |                                           |

| COMMERCIAL DESCRIPTION                                     | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved<br>Rims <sup>(2) (3)</sup> |
|------------------------------------------------------------|-----------------|-----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XSM D2+ L5S<br/>12.00 R 24 Tubeless</b>                 | 123647<br>80803 | 4<br>2.5                    |                             | 325<br>12.8  | 1264<br>49.8 | 580<br>22.8   | 3840<br>151.2 | 57<br>71.8             |                         | 140<br>37            | 8.5                                             | 7.33V<br>7.5<br>8.0<br>8.00V<br>8.50V     |
| <b>Bar</b>                                                 | <b>2</b>        | <b>2.5</b>                  | <b>3</b>                    | <b>3.5</b>   | <b>4</b>     | <b>4.5</b>    | <b>5</b>      | <b>5.5</b>             | <b>6</b>                | <b>7</b>             |                                                 |                                           |
| <b>Psi</b>                                                 | <b>29</b>       | <b>36</b>                   | <b>44</b>                   | <b>51</b>    | <b>58</b>    | <b>65</b>     | <b>73</b>     | <b>80</b>              | <b>87</b>               | <b>102</b>           |                                                 |                                           |
| <b>Machine - Use ( kg - lbs) LOADERS</b>                   |                 |                             |                             |              |              |               |               |                        |                         |                      |                                                 |                                           |
| <b>FRONT LADEN</b>                                         | 2300<br>5072    | 2700<br>5954                | 3050<br>6725                | 3450<br>7607 | 3850<br>8489 | 4200<br>9261  | 4600<br>10143 | 4975<br>10970          | 5350<br>11797           | 6100<br>13451        |                                                 |                                           |
| <b>REAR UNLADEN</b>                                        | 1850<br>4079    | 2150<br>4741                | 2450<br>5402                | 2750<br>6064 | 3100<br>6836 | 3350<br>7387  | 3700<br>8159  | 4000<br>8820           | 4300<br>9482            | 4900<br>10805        |                                                 |                                           |
| <b>Machine - Use ( kg - lbs) UNDERGROUND MINE MACHINES</b> |                 |                             |                             |              |              |               |               |                        |                         |                      |                                                 |                                           |
| <b>ALL AXLES</b>                                           | 2050<br>4520    | 2450<br>5402                | 2750<br>6064                | 3100<br>6836 | 3450<br>7607 | 3800<br>8379  | 4150<br>9151  | 4475<br>9867           | 4800<br>10584           | 5500<br>12128        |                                                 |                                           |



### TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI

| COMMERCIAL DESCRIPTION                                       | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|--------------------------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XGL A2 L2 * TG</b><br><b>13.00 R 24 Tubeless (6 - 10)</b> | 123386<br>24704 | 16<br>9.9                  |                             | 335<br>13.2  | 1296<br>51   | 570<br>22.4   | 3875<br>152.6 | 25<br>31.5             |                         | 215<br>56.8          | 8.00 TG SDC                                     | 10.00 VA SDC<br>9.00/1.5 DC               |

|            |           |            |           |            |           |            |           |  |  |  |  |  |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|--|--|--|--|--|
| <b>Bar</b> | <b>2</b>  | <b>2.5</b> | <b>3</b>  | <b>3.5</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  |  |  |  |  |  |
| <b>Psi</b> | <b>29</b> | <b>36</b>  | <b>44</b> | <b>51</b>  | <b>58</b> | <b>65</b>  | <b>73</b> |  |  |  |  |  |

|                           |                |              |              |              |              |               |               |  |  |  |  |  |
|---------------------------|----------------|--------------|--------------|--------------|--------------|---------------|---------------|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>LOADERS</b> |              |              |              |              |               |               |  |  |  |  |  |
| FRONT LADEN               | 2650<br>5843   | 3100<br>6836 | 3600<br>7938 | 4050<br>8930 | 4500<br>9923 | 4950<br>10915 | 5400<br>11907 |  |  |  |  |  |
| REAR UNLADEN              | 2100<br>4631   | 2500<br>5513 | 2900<br>6395 | 3250<br>7166 | 3600<br>7938 | 3950<br>8710  | 4300<br>9482  |  |  |  |  |  |

|                           |                |              |              |              |  |  |  |  |  |  |  |  |
|---------------------------|----------------|--------------|--------------|--------------|--|--|--|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>GRADERS</b> |              |              |              |  |  |  |  |  |  |  |  |
| ALL AXLES                 | 1900<br>4190   | 2225<br>4906 | 2550<br>5623 | 2900<br>6395 |  |  |  |  |  |  |  |  |

| COMMERCIAL DESCRIPTION                            | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|---------------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XK A E3 ***</b><br><b>14.00 R 24 Tube Type</b> | 251590<br>06866 | 14<br>8.7                  |                             | 401<br>15.8  | 1380<br>54.3 | 638<br>25.1   | 4205<br>165.6 | 24<br>30.2             |                         | 270<br>71.3          | 10.0                                            | 10.00W<br>9.0<br>9.00V                    |

|            |           |            |           |            |           |            |           |            |           |            |  |  |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|--|--|
| <b>Bar</b> | <b>2</b>  | <b>2.5</b> | <b>3</b>  | <b>3.5</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>7</b>   |  |  |
| <b>Psi</b> | <b>29</b> | <b>36</b>  | <b>44</b> | <b>51</b>  | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  | <b>87</b> | <b>102</b> |  |  |

|                           |                                  |              |              |              |               |               |               |               |               |               |  |  |
|---------------------------|----------------------------------|--------------|--------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|--|--|
| Machine - Use ( kg - lbs) | <b>UNDERGROUND MINE MACHINES</b> |              |              |              |               |               |               |               |               |               |  |  |
| ALL AXLES                 | 2950<br>6505                     | 3400<br>7497 | 3850<br>8489 | 4300<br>9482 | 4800<br>10584 | 5300<br>11687 | 5750<br>12679 | 6200<br>13671 | 6550<br>14443 | 7250<br>15986 |  |  |

|            |           |           |            |           |            |            |            |  |  |  |  |  |
|------------|-----------|-----------|------------|-----------|------------|------------|------------|--|--|--|--|--|
| <b>Bar</b> | <b>4</b>  | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>6.5</b> | <b>7</b>   | <b>8</b>   |  |  |  |  |  |
| <b>Psi</b> | <b>58</b> | <b>73</b> | <b>80</b>  | <b>87</b> | <b>94</b>  | <b>102</b> | <b>116</b> |  |  |  |  |  |

|                           |                  |              |               |               |               |               |               |  |  |  |  |  |
|---------------------------|------------------|--------------|---------------|---------------|---------------|---------------|---------------|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>TRANSPORT</b> |              |               |               |               |               |               |  |  |  |  |  |
| STANDARD                  | 3750<br>8269     | 4500<br>9923 | 4850<br>10694 | 5600<br>12348 | 5700<br>12569 | 5800<br>12789 | 6150<br>13561 |  |  |  |  |  |

| COMMERCIAL DESCRIPTION                               | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|------------------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XK D1 A E4 ***</b><br><b>14.00 R 24 Tube Type</b> | 251592<br>06874 | 18<br>11.2                 | 84<br>58                    | 401<br>15.8  | 1412<br>55.6 | 657<br>25.9   | 4313<br>169.8 | 37<br>46.6             |                         | 270<br>71.3          | 10.0                                            | 10.00W<br>9.0<br>9.00V                    |

|            |           |            |           |            |           |            |           |            |           |            |  |  |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|--|--|
| <b>Bar</b> | <b>2</b>  | <b>2.5</b> | <b>3</b>  | <b>3.5</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>7</b>   |  |  |
| <b>Psi</b> | <b>29</b> | <b>36</b>  | <b>44</b> | <b>51</b>  | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  | <b>87</b> | <b>102</b> |  |  |

|                           |                                  |              |              |              |               |               |               |               |               |               |  |  |
|---------------------------|----------------------------------|--------------|--------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|--|--|
| Machine - Use ( kg - lbs) | <b>UNDERGROUND MINE MACHINES</b> |              |              |              |               |               |               |               |               |               |  |  |
| ALL AXLES                 | 2950<br>6505                     | 3400<br>7497 | 3850<br>8489 | 4300<br>9482 | 4800<br>10584 | 5300<br>11687 | 5750<br>12679 | 6200<br>13671 | 6550<br>14443 | 7250<br>15986 |  |  |

|            |           |           |            |           |            |            |            |  |  |  |  |  |
|------------|-----------|-----------|------------|-----------|------------|------------|------------|--|--|--|--|--|
| <b>Bar</b> | <b>4</b>  | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>6.5</b> | <b>7</b>   | <b>8</b>   |  |  |  |  |  |
| <b>Psi</b> | <b>58</b> | <b>73</b> | <b>80</b>  | <b>87</b> | <b>94</b>  | <b>102</b> | <b>116</b> |  |  |  |  |  |

|                           |                  |              |               |               |               |               |               |  |  |  |  |  |
|---------------------------|------------------|--------------|---------------|---------------|---------------|---------------|---------------|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>TRANSPORT</b> |              |               |               |               |               |               |  |  |  |  |  |
| STANDARD                  | 3750<br>8269     | 4500<br>9923 | 4850<br>10694 | 5600<br>12348 | 5700<br>12569 | 5800<br>12789 | 6150<br>13561 |  |  |  |  |  |

| COMMERCIAL DESCRIPTION                           | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|--------------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XSM D2+ L5S</b><br><b>14.00 R 24 Tubeless</b> | 123597<br>80802 | 4<br>2.5                   |                             | 401<br>15.8  | 1395<br>54.9 | 636<br>25     | 4227<br>166.4 | 58<br>73.1             |                         | 266<br>70.3          | 10.0                                            | 10.00W<br>9.0<br>9.00V                    |

|            |           |            |           |            |           |            |           |            |           |            |  |  |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|--|--|
| <b>Bar</b> | <b>2</b>  | <b>2.5</b> | <b>3</b>  | <b>3.5</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>7</b>   |  |  |
| <b>Psi</b> | <b>29</b> | <b>36</b>  | <b>44</b> | <b>51</b>  | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  | <b>87</b> | <b>102</b> |  |  |

|                           |                |              |              |               |               |               |               |               |  |  |  |  |
|---------------------------|----------------|--------------|--------------|---------------|---------------|---------------|---------------|---------------|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>LOADERS</b> |              |              |               |               |               |               |               |  |  |  |  |
| FRONT LADEN               | 3250<br>7166   | 3750<br>8269 | 4300<br>9482 | 4800<br>10584 | 5350<br>11797 | 5900<br>13010 | 6400<br>14112 | 6900<br>15215 |  |  |  |  |
| REAR UNLADEN              | 2600<br>5733   | 3000<br>6615 | 3450<br>7607 | 3850<br>8489  | 4300<br>9482  | 4700<br>10364 | 5100<br>11246 | 5500<br>12128 |  |  |  |  |

|                           |                                  |              |              |              |               |               |               |               |               |               |  |  |
|---------------------------|----------------------------------|--------------|--------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|--|--|
| Machine - Use ( kg - lbs) | <b>UNDERGROUND MINE MACHINES</b> |              |              |              |               |               |               |               |               |               |  |  |
| ALL AXLES                 | 2950<br>6505                     | 3400<br>7497 | 3850<br>8489 | 4300<br>9482 | 4800<br>10584 | 5300<br>11687 | 5750<br>12679 | 6200<br>13671 | 6550<br>14443 | 7250<br>15986 |  |  |

### TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI

| COMMERCIAL DESCRIPTION                                                 | CAI MSPN               | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch       | D<br>mm inch        | R'<br>mm inch      | RC<br>mm inch        | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|------------------------------------------------------------------------|------------------------|----------------------------|-----------------------------|--------------------|---------------------|--------------------|----------------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XSNPLUS L2 * TG</b><br><b>14.00 R 24 TG Tubeless <sup>(6)</sup></b> | <b>123861</b><br>53173 | <b>16</b><br>9.9           |                             | <b>372</b><br>14.6 | <b>1364</b><br>53.7 | <b>545</b><br>21.5 | <b>3941</b><br>155.2 | <b>24</b><br>30.2      |                         | <b>264</b><br>69.7   | <b>8.00 TG SDC</b>                              | <b>10.00VA SDC</b><br>9.00/1.5 DC         |

|            |           |            |  |           |            |           |            |           |            |  |  |  |
|------------|-----------|------------|--|-----------|------------|-----------|------------|-----------|------------|--|--|--|
| <b>Bar</b> | <b>2</b>  | <b>2.5</b> |  | <b>3</b>  | <b>3.5</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> |  |  |  |
| <b>Psi</b> | <b>29</b> | <b>36</b>  |  | <b>44</b> | <b>51</b>  | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  |  |  |  |

|                           |                |              |  |              |               |               |               |               |               |  |  |  |
|---------------------------|----------------|--------------|--|--------------|---------------|---------------|---------------|---------------|---------------|--|--|--|
| Machine - Use ( kg - lbs) | <b>LOADERS</b> |              |  |              |               |               |               |               |               |  |  |  |
| FRONT LADEN               | 3250<br>7166   | 3750<br>8269 |  | 4300<br>9482 | 4800<br>10584 | 5350<br>11797 | 5900<br>13010 | 6400<br>14112 | 6900<br>15215 |  |  |  |
| REAR UNLADEN              | 2600<br>5733   | 3000<br>6615 |  | 3450<br>7607 | 3850<br>8489  | 4300<br>9482  | 4700<br>10364 | 5100<br>11246 | 5500<br>12128 |  |  |  |

|                           |                |              |  |              |              |  |  |  |  |  |  |  |
|---------------------------|----------------|--------------|--|--------------|--------------|--|--|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>GRADERS</b> |              |  |              |              |  |  |  |  |  |  |  |
| ALL AXLES                 | 2300<br>5072   | 2725<br>6009 |  | 3125<br>6891 | 3550<br>7828 |  |  |  |  |  |  |  |

| COMMERCIAL DESCRIPTION                                                | CAI MSPN               | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch       | D<br>mm inch        | R'<br>mm inch      | RC<br>mm inch        | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|-----------------------------------------------------------------------|------------------------|----------------------------|-----------------------------|--------------------|---------------------|--------------------|----------------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XGL A2 L2 * TG</b><br><b>14.00 R 24 TG Tubeless <sup>(6)</sup></b> | <b>123395</b><br>15924 | <b>16</b><br>9.9           |                             | <b>371</b><br>14.6 | <b>1360</b><br>53.5 | <b>592</b><br>23.3 | <b>4051</b><br>159.5 | <b>25</b><br>31.5      |                         | <b>310</b><br>81.9   | <b>8.00 TG SDC</b>                              | <b>10.00VA SDC</b><br>9.00/1.5 DC         |

|            |           |            |  |           |            |           |            |           |            |  |  |  |
|------------|-----------|------------|--|-----------|------------|-----------|------------|-----------|------------|--|--|--|
| <b>Bar</b> | <b>2</b>  | <b>2.5</b> |  | <b>3</b>  | <b>3.5</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> |  |  |  |
| <b>Psi</b> | <b>29</b> | <b>36</b>  |  | <b>44</b> | <b>51</b>  | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  |  |  |  |

|                           |                |              |  |              |               |               |               |               |               |  |  |  |
|---------------------------|----------------|--------------|--|--------------|---------------|---------------|---------------|---------------|---------------|--|--|--|
| Machine - Use ( kg - lbs) | <b>LOADERS</b> |              |  |              |               |               |               |               |               |  |  |  |
| FRONT LADEN               | 3250<br>7166   | 3750<br>8269 |  | 4300<br>9482 | 4800<br>10584 | 5350<br>11797 | 5900<br>13010 | 6400<br>14112 | 6900<br>15215 |  |  |  |
| REAR UNLADEN              | 2600<br>5733   | 3000<br>6615 |  | 3450<br>7607 | 3850<br>8489  | 4300<br>9482  | 4700<br>10364 | 5100<br>11246 | 5500<br>12128 |  |  |  |

|                           |                |              |  |              |              |  |  |  |  |  |  |  |
|---------------------------|----------------|--------------|--|--------------|--------------|--|--|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>GRADERS</b> |              |  |              |              |  |  |  |  |  |  |  |
| ALL AXLES                 | 2300<br>5072   | 2725<br>6009 |  | 3125<br>6891 | 3550<br>7828 |  |  |  |  |  |  |  |

| COMMERCIAL DESCRIPTION                                                       | CAI MSPN               | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch       | D<br>mm inch        | R'<br>mm inch      | RC<br>mm inch        | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|------------------------------------------------------------------------------|------------------------|----------------------------|-----------------------------|--------------------|---------------------|--------------------|----------------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>X LISSE COMPACTEUR C1</b><br><b>15.00 R 24 Pil (17/80 R 24) Tube Type</b> | <b>252211</b><br>44438 |                            |                             | <b>415</b><br>16.3 | <b>1334</b><br>52.5 | <b>592</b><br>23.3 | <b>4002</b><br>157.6 | <b>21</b><br>26.5      |                         | <b>320</b><br>84.5   | <b>10.0</b>                                     | <b>10.00W</b><br>10.0W<br>9.0<br>9.00V    |

|            |           |           |  |           |           |            |            |            |            |            |  |  |
|------------|-----------|-----------|--|-----------|-----------|------------|------------|------------|------------|------------|--|--|
| <b>Bar</b> | <b>3</b>  | <b>4</b>  |  | <b>5</b>  | <b>6</b>  | <b>6.5</b> | <b>7</b>   | <b>7.5</b> | <b>8</b>   | <b>8.5</b> |  |  |
| <b>Psi</b> | <b>44</b> | <b>58</b> |  | <b>73</b> | <b>87</b> | <b>94</b>  | <b>102</b> | <b>109</b> | <b>116</b> | <b>123</b> |  |  |

|                           |                   |               |  |               |               |               |                |                |                |                |  |  |
|---------------------------|-------------------|---------------|--|---------------|---------------|---------------|----------------|----------------|----------------|----------------|--|--|
| Machine - Use ( kg - lbs) | <b>COMPACTORS</b> |               |  |               |               |               |                |                |                |                |  |  |
| 10 KM/H<br>6 MPH          | 5320<br>11731     | 6540<br>14421 |  | 7750<br>17089 | 8965<br>19768 | 9570<br>21102 | 10180<br>22447 | 10790<br>23792 | 11390<br>25115 | 12000<br>26460 |  |  |
| 15 KM/H<br>9 MPH          | 4740<br>10452     | 5820<br>12833 |  | 6900<br>15215 | 7980<br>17596 | 8520<br>18787 |                |                |                |                |  |  |

| COMMERCIAL DESCRIPTION                                             | CAI MSPN               | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch       | D<br>mm inch        | R'<br>mm inch      | RC<br>mm inch        | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|--------------------------------------------------------------------|------------------------|----------------------------|-----------------------------|--------------------|---------------------|--------------------|----------------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XGL A2 L2 * TG</b><br><b>16.00 R 24 Tubeless <sup>(6)</sup></b> | <b>123903</b><br>45611 | <b>16</b><br>9.9           |                             | <b>435</b><br>17.1 | <b>1500</b><br>59.1 | <b>646</b><br>25.4 | <b>4451</b><br>175.2 | <b>27</b><br>34        |                         | <b>412</b><br>108.9  | <b>10.00 VA SDC</b>                             |                                           |

|            |           |            |  |           |            |           |            |           |  |  |  |  |
|------------|-----------|------------|--|-----------|------------|-----------|------------|-----------|--|--|--|--|
| <b>Bar</b> | <b>2</b>  | <b>2.5</b> |  | <b>3</b>  | <b>3.5</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  |  |  |  |  |
| <b>Psi</b> | <b>29</b> | <b>36</b>  |  | <b>44</b> | <b>51</b>  | <b>58</b> | <b>65</b>  | <b>73</b> |  |  |  |  |

|                           |                |               |  |               |               |               |               |               |  |  |  |  |
|---------------------------|----------------|---------------|--|---------------|---------------|---------------|---------------|---------------|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>LOADERS</b> |               |  |               |               |               |               |               |  |  |  |  |
| FRONT LADEN               | 4500<br>9923   | 5150<br>11356 |  | 5800<br>12789 | 6400<br>14112 | 7050<br>15545 | 7700<br>16979 | 8350<br>18412 |  |  |  |  |
| REAR UNLADEN              | 3600<br>7938   | 4100<br>9041  |  | 4650<br>10253 | 5100<br>11246 | 5650<br>12458 | 6150<br>13561 | 6700<br>14774 |  |  |  |  |

|                           |                |              |  |              |               |  |  |  |  |  |  |  |
|---------------------------|----------------|--------------|--|--------------|---------------|--|--|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>GRADERS</b> |              |  |              |               |  |  |  |  |  |  |  |
| ALL AXLES                 | 3150<br>6946   | 3625<br>7993 |  | 4125<br>9096 | 4625<br>10198 |  |  |  |  |  |  |  |

### TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI

| COMMERCIAL DESCRIPTION                | CAI MSPN                                | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|---------------------------------------|-----------------------------------------|-----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| XSNPLUS 170E<br>385/95 R 24 Tube Type | 432272<br>36887                         | 70<br>43.5                  |                             | 386<br>15.2  | 1358<br>53.5 | 635<br>25     | 4156<br>163.6 | 24<br>30.2             |                         | 283<br>74.8          | 10.00W                                          | 10.0                                      |
| Bar                                   | 5                                       | 6                           | 7                           | 8            | 9            |               |               |                        |                         |                      |                                                 |                                           |
| Psi                                   | 73                                      | 87                          | 102                         | 116          | 131          |               |               |                        |                         |                      |                                                 |                                           |
| Machine - Use ( kg - lbs)             | CRANES AND SIMILAR SPECIALIZED MACHINES |                             |                             |              |              |               |               |                        |                         |                      |                                                 |                                           |
| 30 KM/H                               | 4860                                    | 5880                        | 6460                        | 7000         | 7800         |               |               |                        |                         |                      |                                                 |                                           |
| 19 MPH                                | 10716                                   | 12965                       | 14244                       | 15435        | 17199        |               |               |                        |                         |                      |                                                 |                                           |
| 40 KM/H                               | 4635                                    | 5610                        | 6165                        | 6675         | 7450         |               |               |                        |                         |                      |                                                 |                                           |
| 25 MPH                                | 10220                                   | 12370                       | 13594                       | 14718        | 16427        |               |               |                        |                         |                      |                                                 |                                           |
| 50 KM/H                               | 4410                                    | 5340                        | 5865                        | 6355         | 7100         |               |               |                        |                         |                      |                                                 |                                           |
| 31 MPH                                | 9724                                    | 11775                       | 12932                       | 14013        | 15656        |               |               |                        |                         |                      |                                                 |                                           |
| 60 KM/H                               | 4190                                    | 5070                        | 5565                        | 6030         | 6720         |               |               |                        |                         |                      |                                                 |                                           |
| 37 MPH                                | 9239                                    | 11179                       | 12271                       | 13296        | 14818        |               |               |                        |                         |                      |                                                 |                                           |
| 65 KM/H                               | 4020                                    | 4865                        | 5345                        | 5790         | 6450         |               |               |                        |                         |                      |                                                 |                                           |
| 40 MPH                                | 8864                                    | 10727                       | 11786                       | 12767        | 14222        |               |               |                        |                         |                      |                                                 |                                           |
| 70 KM/H                               | 3740                                    | 4525                        | 4970                        | 5385         | 6000         |               |               |                        |                         |                      |                                                 |                                           |
| 43 MPH                                | 8247                                    | 9978                        | 10959                       | 11874        | 13230        |               |               |                        |                         |                      |                                                 |                                           |
| 80 KM/H                               | 3086                                    | 3735                        | 4100                        | 4445         | 4950         |               |               |                        |                         |                      |                                                 |                                           |
| 50 MPH                                | 6805                                    | 8236                        | 9041                        | 9801         | 10915        |               |               |                        |                         |                      |                                                 |                                           |
| 90 KM/H                               | 2620                                    | 3170                        | 3480                        | 3770         | 4200         |               |               |                        |                         |                      |                                                 |                                           |
| 56 MPH                                | 5777                                    | 6990                        | 7673                        | 8313         | 9261         |               |               |                        |                         |                      |                                                 |                                           |
| 100 KM/H                              | 2245                                    | 2715                        | 2980                        | 3230         | 3600         |               |               |                        |                         |                      |                                                 |                                           |
| 62 MPH                                | 4950                                    | 5987                        | 6571                        | 7122         | 7938         |               |               |                        |                         |                      |                                                 |                                           |

| COMMERCIAL DESCRIPTION                                                        | CAI MSPN                      | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch              | D<br>mm inch               | R'<br>mm inch             | RC<br>mm inch               | Tread depth<br>mm 32rd   | Dual Spacing<br>mm inch | Cap.<br>liter gallon    | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims     |
|-------------------------------------------------------------------------------|-------------------------------|-----------------------------|-----------------------------|---------------------------|----------------------------|---------------------------|-----------------------------|--------------------------|-------------------------|-------------------------|-------------------------------------------------|-----------------------------------------------|
| <b>XMH S E2T 170E</b><br><b>385/95 R 24 Tube Type</b>                         | <b>957157</b><br><b>12407</b> | <b>70</b><br><b>43.5</b>    |                             | <b>389</b><br><b>15.3</b> | <b>1361</b><br><b>53.6</b> | <b>632</b><br><b>24.9</b> | <b>4155</b><br><b>163.6</b> | <b>24</b><br><b>30.2</b> |                         | <b>284</b><br><b>75</b> | <b>10.00W</b>                                   | <b>10.0/2.0</b><br><b>9.0</b><br><b>9.00V</b> |
| <b>Bar</b>                                                                    | <b>5</b>                      | <b>6</b>                    | <b>7</b>                    | <b>8</b>                  | <b>9</b>                   |                           |                             |                          |                         |                         |                                                 |                                               |
| <i>Psi</i>                                                                    | <i>73</i>                     | <i>87</i>                   | <i>102</i>                  | <i>116</i>                | <i>131</i>                 |                           |                             |                          |                         |                         |                                                 |                                               |
| <b>Machine - Use ( kg - lbs)      CRANES AND SIMILAR SPECIALIZED MACHINES</b> |                               |                             |                             |                           |                            |                           |                             |                          |                         |                         |                                                 |                                               |
| <b>30 KM/H</b>                                                                | <b>4860</b>                   | <b>5880</b>                 | <b>6460</b>                 | <b>7000</b>               | <b>7800</b>                |                           |                             |                          |                         |                         |                                                 |                                               |
| <i>19 MPH</i>                                                                 | <i>10716</i>                  | <i>12965</i>                | <i>14244</i>                | <i>15435</i>              | <i>17199</i>               |                           |                             |                          |                         |                         |                                                 |                                               |
| <b>40 KM/H</b>                                                                | <b>4635</b>                   | <b>5610</b>                 | <b>6165</b>                 | <b>6675</b>               | <b>7450</b>                |                           |                             |                          |                         |                         |                                                 |                                               |
| <i>25 MPH</i>                                                                 | <i>10220</i>                  | <i>12370</i>                | <i>13594</i>                | <i>14718</i>              | <i>16427</i>               |                           |                             |                          |                         |                         |                                                 |                                               |
| <b>50 KM/H</b>                                                                | <b>4410</b>                   | <b>5340</b>                 | <b>5865</b>                 | <b>6355</b>               | <b>7100</b>                |                           |                             |                          |                         |                         |                                                 |                                               |
| <i>31 MPH</i>                                                                 | <i>9724</i>                   | <i>11775</i>                | <i>12932</i>                | <i>14013</i>              | <i>15656</i>               |                           |                             |                          |                         |                         |                                                 |                                               |
| <b>60 KM/H</b>                                                                | <b>4190</b>                   | <b>5070</b>                 | <b>5565</b>                 | <b>6030</b>               | <b>6720</b>                |                           |                             |                          |                         |                         |                                                 |                                               |
| <i>37 MPH</i>                                                                 | <i>9239</i>                   | <i>11179</i>                | <i>12271</i>                | <i>13296</i>              | <i>14818</i>               |                           |                             |                          |                         |                         |                                                 |                                               |
| <b>65 KM/H</b>                                                                | <b>4020</b>                   | <b>4865</b>                 | <b>5345</b>                 | <b>5790</b>               | <b>6450</b>                |                           |                             |                          |                         |                         |                                                 |                                               |
| <i>40 MPH</i>                                                                 | <i>8864</i>                   | <i>10727</i>                | <i>11786</i>                | <i>12767</i>              | <i>14222</i>               |                           |                             |                          |                         |                         |                                                 |                                               |
| <b>70 KM/H</b>                                                                | <b>3740</b>                   | <b>4525</b>                 | <b>4970</b>                 | <b>5385</b>               | <b>6000</b>                |                           |                             |                          |                         |                         |                                                 |                                               |
| <i>43 MPH</i>                                                                 | <i>8247</i>                   | <i>9978</i>                 | <i>10959</i>                | <i>11874</i>              | <i>13230</i>               |                           |                             |                          |                         |                         |                                                 |                                               |
| <b>80 KM/H</b>                                                                | <b>3086</b>                   | <b>3735</b>                 | <b>4100</b>                 | <b>4445</b>               | <b>4950</b>                |                           |                             |                          |                         |                         |                                                 |                                               |
| <i>50 MPH</i>                                                                 | <i>6805</i>                   | <i>8236</i>                 | <i>9041</i>                 | <i>9801</i>               | <i>10915</i>               |                           |                             |                          |                         |                         |                                                 |                                               |
| <b>90 KM/H</b>                                                                | <b>2620</b>                   | <b>3170</b>                 | <b>3480</b>                 | <b>3770</b>               | <b>4200</b>                |                           |                             |                          |                         |                         |                                                 |                                               |
| <i>56 MPH</i>                                                                 | <i>5777</i>                   | <i>6990</i>                 | <i>7673</i>                 | <i>8313</i>               | <i>9261</i>                |                           |                             |                          |                         |                         |                                                 |                                               |
| <b>100 KM/H</b>                                                               | <b>2245</b>                   | <b>2715</b>                 | <b>2980</b>                 | <b>3230</b>               | <b>3600</b>                |                           |                             |                          |                         |                         |                                                 |                                               |
| <i>62 MPH</i>                                                                 | <i>4950</i>                   | <i>5987</i>                 | <i>6571</i>                 | <i>7122</i>               | <i>7938</i>                |                           |                             |                          |                         |                         |                                                 |                                               |

### TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI

| COMMERCIAL DESCRIPTION                                                   | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|--------------------------------------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>X-CRANE 170F</b><br>385/95 R 24 Tube Type                             | 778245<br>93770 | 80<br>49.7                 |                             | 376<br>14.8  | 1361<br>53.6 | 631<br>24.8   | 4153<br>163.5 | 23<br>29               |                         | 284<br>75            | 10.00W                                          | 10.0<br>11.25/1.3                         |
| <b>Bar</b>                                                               | <b>5</b>        | <b>6</b>                   |                             | <b>7</b>     | <b>8</b>     | <b>9</b>      |               |                        |                         |                      |                                                 |                                           |
| <b>Psi</b>                                                               | <b>73</b>       | <b>87</b>                  |                             | <b>102</b>   | <b>116</b>   | <b>131</b>    |               |                        |                         |                      |                                                 |                                           |
| <b>Machine - Use ( kg - lbs) CRANES AND SIMILAR SPECIALIZED MACHINES</b> |                 |                            |                             |              |              |               |               |                        |                         |                      |                                                 |                                           |
| 30 KM/H                                                                  | 4750            | 5440                       |                             | 6125         | 6815         | 7500          |               |                        |                         |                      |                                                 |                                           |
| 19 MPH                                                                   | 10474           | 11995                      |                             | 13506        | 15027        | 16538         |               |                        |                         |                      |                                                 |                                           |
| 40 KM/H                                                                  | 4370            | 5005                       |                             | 5635         | 6270         | 6900          |               |                        |                         |                      |                                                 |                                           |
| 25 MPH                                                                   | 9636            | 11036                      |                             | 12425        | 13825        | 15215         |               |                        |                         |                      |                                                 |                                           |
| 50 KM/H                                                                  | 4255            | 4870                       |                             | 5490         | 6105         | 6720          |               |                        |                         |                      |                                                 |                                           |
| 31 MPH                                                                   | 9382            | 10738                      |                             | 12105        | 13462        | 14818         |               |                        |                         |                      |                                                 |                                           |
| 60 KM/H                                                                  | 4180            | 4785                       |                             | 5390         | 5995         | 6600          |               |                        |                         |                      |                                                 |                                           |
| 37 MPH                                                                   | 9217            | 10551                      |                             | 11885        | 13219        | 14553         |               |                        |                         |                      |                                                 |                                           |
| 65 KM/H                                                                  | 4085            | 4675                       |                             | 5270         | 5860         | 6450          |               |                        |                         |                      |                                                 |                                           |
| 40 MPH                                                                   | 9007            | 10308                      |                             | 11620        | 12921        | 14222         |               |                        |                         |                      |                                                 |                                           |
| 70 KM/H                                                                  | 3990            | 4570                       |                             | 5145         | 5725         | 6300          |               |                        |                         |                      |                                                 |                                           |
| 43 MPH                                                                   | 8798            | 10077                      |                             | 11345        | 12624        | 13892         |               |                        |                         |                      |                                                 |                                           |
| 80 KM/H                                                                  | 3800            | 4350                       |                             | 4900         | 5450         | 6000          |               |                        |                         |                      |                                                 |                                           |
| 50 MPH                                                                   | 8379            | 9592                       |                             | 10805        | 12017        | 13230         |               |                        |                         |                      |                                                 |                                           |
| 90 KM/H                                                                  | 3570            | 4090                       |                             | 4605         | 5120         | 5640          |               |                        |                         |                      |                                                 |                                           |
| 56 MPH                                                                   | 7872            | 9018                       |                             | 10154        | 11290        | 12436         |               |                        |                         |                      |                                                 |                                           |
| 100 KM/H                                                                 | 3230            | 3700                       |                             | 4165         | 4630         | 5100          |               |                        |                         |                      |                                                 |                                           |
| 62 MPH                                                                   | 7122            | 8159                       |                             | 9184         | 10209        | 11246         |               |                        |                         |                      |                                                 |                                           |

25"

| COMMERCIAL DESCRIPTION                       | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|----------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XH D1 A E4 ***</b><br>14.00 R 25 Tubeless | 123331<br>34504 | 22<br>13.7                 | 102<br>70                   | 401<br>15.8  | 1410<br>55.5 | 650<br>25.6   | 4291<br>168.9 | 38<br>47.9             |                         | 275<br>72.7          | 10.00/1.5                                       | 11.25/1.3                                 |
| <b>Bar</b>                                   | <b>4</b>        | <b>4.5</b>                 |                             | <b>5</b>     | <b>5.5</b>   | <b>5.75</b>   |               | <b>6</b>               | <b>7</b>                | <b>8.5</b>           |                                                 |                                           |
| <b>Psi</b>                                   | <b>58</b>       | <b>65</b>                  |                             | <b>73</b>    | <b>80</b>    | <b>83</b>     |               | <b>87</b>              | <b>102</b>              | <b>123</b>           |                                                 |                                           |
| <b>Machine - Use ( kg - lbs) TRANSPORT</b>   |                 |                            |                             |              |              |               |               |                        |                         |                      |                                                 |                                           |
| STANDARD                                     | 3750            | 4100                       |                             | 4500         | 4850         | 5100          | 5250          | 5800                   | 6350                    |                      |                                                 |                                           |
|                                              | 8269            | 9041                       |                             | 9923         | 10694        | 11246         | 11576         | 12789                  | 14002                   |                      |                                                 |                                           |

| COMMERCIAL DESCRIPTION                                                   | CAI MSPN       | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|--------------------------------------------------------------------------|----------------|----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XSNOPLUS E2 170E</b><br>385/95 R 25 Tubeless                          | 705961<br>5893 | 70<br>43.5                 |                             | 388<br>15.3  | 1365<br>53.7 | 632<br>24.9   | 4163<br>163.9 | 25<br>31.5             |                         | 280<br>74            | 9.50/1.7 CR                                     | 10.00/1.5<br>11.25/1.3                    |
| <b>Bar</b>                                                               | <b>5</b>       | <b>6</b>                   |                             | <b>7</b>     | <b>8</b>     | <b>9</b>      |               |                        |                         |                      |                                                 |                                           |
| <b>Psi</b>                                                               | <b>73</b>      | <b>87</b>                  |                             | <b>102</b>   | <b>116</b>   | <b>131</b>    |               |                        |                         |                      |                                                 |                                           |
| <b>Machine - Use ( kg - lbs) CRANES AND SIMILAR SPECIALIZED MACHINES</b> |                |                            |                             |              |              |               |               |                        |                         |                      |                                                 |                                           |
| 30 KM/H                                                                  | 4860           | 5880                       |                             | 6460         | 7000         | 7800          |               |                        |                         |                      |                                                 |                                           |
| 19 MPH                                                                   | 10716          | 12965                      |                             | 14244        | 15435        | 17199         |               |                        |                         |                      |                                                 |                                           |
| 40 KM/H                                                                  | 4635           | 5610                       |                             | 6165         | 6675         | 7450          |               |                        |                         |                      |                                                 |                                           |
| 25 MPH                                                                   | 10220          | 12370                      |                             | 13594        | 14718        | 16427         |               |                        |                         |                      |                                                 |                                           |
| 50 KM/H                                                                  | 4410           | 5340                       |                             | 5865         | 6355         | 7100          |               |                        |                         |                      |                                                 |                                           |
| 31 MPH                                                                   | 9724           | 11775                      |                             | 12932        | 14013        | 15656         |               |                        |                         |                      |                                                 |                                           |
| 60 KM/H                                                                  | 4190           | 5070                       |                             | 5565         | 6030         | 6720          |               |                        |                         |                      |                                                 |                                           |
| 37 MPH                                                                   | 9239           | 11179                      |                             | 12271        | 13296        | 14818         |               |                        |                         |                      |                                                 |                                           |
| 65 KM/H                                                                  | 4020           | 4865                       |                             | 5345         | 5790         | 6450          |               |                        |                         |                      |                                                 |                                           |
| 40 MPH                                                                   | 8864           | 10727                      |                             | 11786        | 12767        | 14222         |               |                        |                         |                      |                                                 |                                           |
| 70 KM/H                                                                  | 3740           | 4525                       |                             | 4970         | 5385         | 6000          |               |                        |                         |                      |                                                 |                                           |
| 43 MPH                                                                   | 8247           | 9978                       |                             | 10959        | 11874        | 13230         |               |                        |                         |                      |                                                 |                                           |
| 80 KM/H                                                                  | 3086           | 3735                       |                             | 4100         | 4445         | 4950          |               |                        |                         |                      |                                                 |                                           |
| 50 MPH                                                                   | 6805           | 8236                       |                             | 9041         | 9801         | 10915         |               |                        |                         |                      |                                                 |                                           |
| 90 KM/H                                                                  | 2620           | 3170                       |                             | 3480         | 3770         | 4200          |               |                        |                         |                      |                                                 |                                           |
| 56 MPH                                                                   | 5777           | 6990                       |                             | 7673         | 8313         | 9261          |               |                        |                         |                      |                                                 |                                           |
| 100 KM/H                                                                 | 2245           | 2715                       |                             | 2980         | 3230         | 3600          |               |                        |                         |                      |                                                 |                                           |
| 62 MPH                                                                   | 4950           | 5987                       |                             | 6571         | 7122         | 7938          |               |                        |                         |                      |                                                 |                                           |



### TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI

| COMMERCIAL DESCRIPTION                           | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|--------------------------------------------------|-----------------|-----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XMH S 170E</b><br><b>385/95 R 25 Tubeless</b> | 254174<br>21608 | 70<br>43.5                  |                             | 391<br>15.4  | 1361<br>53.6 | 632<br>24.9   | 4155<br>163.6 | 24<br>30.2             |                         | 278<br>73.4          | 9.50/1.7 CR                                     | 10.00/1.5<br>11.25/1.3                    |

|            |          |          |          |          |          |
|------------|----------|----------|----------|----------|----------|
| <b>Bar</b> | <b>5</b> | <b>6</b> | <b>7</b> | <b>8</b> | <b>9</b> |
| <b>Psi</b> | 73       | 87       | 102      | 116      | 131      |

| Machine - Use ( kg - lbs) | CRANES AND SIMILAR SPECIALIZED MACHINES |               |               |               |               |
|---------------------------|-----------------------------------------|---------------|---------------|---------------|---------------|
| 30 KM/H<br>19 MPH         | 4860<br>10716                           | 5880<br>12965 | 6460<br>14244 | 7000<br>15435 | 7800<br>17199 |
| 40 KM/H<br>25 MPH         | 4635<br>10220                           | 5610<br>12370 | 6165<br>13594 | 6675<br>14718 | 7450<br>16427 |
| 50 KM/H<br>31 MPH         | 4410<br>9724                            | 5340<br>11775 | 5865<br>12932 | 6355<br>14013 | 7100<br>15656 |
| 60 KM/H<br>37 MPH         | 4190<br>9239                            | 5070<br>11179 | 5565<br>12271 | 6030<br>13296 | 6720<br>14818 |
| 65 KM/H<br>40 MPH         | 4020<br>8864                            | 4865<br>10727 | 5345<br>11786 | 5790<br>12767 | 6450<br>14222 |
| 70 KM/H<br>43 MPH         | 3740<br>8247                            | 4525<br>9978  | 4970<br>10959 | 5385<br>11874 | 6000<br>13230 |
| 80 KM/H<br>50 MPH         | 3086<br>6805                            | 3735<br>8236  | 4100<br>9041  | 4445<br>9801  | 4950<br>10915 |
| 90 KM/H<br>56 MPH         | 2620<br>5777                            | 3170<br>6990  | 3480<br>7673  | 3770<br>8313  | 4200<br>9261  |
| 100 KM/H<br>62 MPH        | 2245<br>4950                            | 2715<br>5987  | 2980<br>6571  | 3230<br>7122  | 3600<br>7938  |

| COMMERCIAL DESCRIPTION                               | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|------------------------------------------------------|-----------------|-----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>X-CRANE + 170F</b><br><b>385/95 R 25 Tubeless</b> | 682834<br>32768 | 80<br>49.7                  |                             | 380<br>15    | 1365<br>53.7 | 633<br>24.9   | 4165<br>164   | 23<br>29               |                         | 280<br>74            | 9.50/1.7 CR                                     | 10.00/1.5<br>11.25/1.3                    |

|            |          |          |          |          |          |
|------------|----------|----------|----------|----------|----------|
| <b>Bar</b> | <b>5</b> | <b>6</b> | <b>7</b> | <b>8</b> | <b>9</b> |
| <b>Psi</b> | 73       | 87       | 102      | 116      | 131      |

| Machine - Use ( kg - lbs) | CRANES AND SIMILAR SPECIALIZED MACHINES |               |               |               |               |
|---------------------------|-----------------------------------------|---------------|---------------|---------------|---------------|
| 30 KM/H<br>19 MPH         | 4750<br>10474                           | 5440<br>11995 | 6125<br>13506 | 6815<br>15027 | 7500<br>16538 |
| 40 KM/H<br>25 MPH         | 4370<br>9636                            | 5005<br>11036 | 5635<br>12425 | 6270<br>13825 | 6900<br>15215 |
| 50 KM/H<br>31 MPH         | 4255<br>9382                            | 4870<br>10738 | 5490<br>12105 | 6105<br>13462 | 6720<br>14818 |
| 60 KM/H<br>37 MPH         | 4180<br>9217                            | 4785<br>10551 | 5390<br>11885 | 5995<br>13219 | 6600<br>14553 |
| 65 KM/H<br>40 MPH         | 4085<br>9007                            | 4575<br>10088 | 5270<br>11620 | 5860<br>12921 | 6450<br>14222 |
| 70 KM/H<br>43 MPH         | 3990<br>8798                            | 4570<br>10077 | 5145<br>11345 | 5725<br>12624 | 6300<br>13892 |
| 80 KM/H<br>50 MPH         | 3800<br>8379                            | 4350<br>9592  | 4900<br>10805 | 5450<br>12017 | 6000<br>13230 |
| 90 KM/H<br>56 MPH         | 3570<br>7872                            | 4090<br>9018  | 4605<br>10154 | 5120<br>11290 | 5640<br>12436 |
| 100 KM/H<br>62 MPH        | 3230<br>7122                            | 3700<br>8159  | 4165<br>9184  | 4630<br>10209 | 5100<br>11246 |

### TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI

| COMMERCIAL DESCRIPTION                                            | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|-------------------------------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>X-CRANE 170F</b><br><b>385/95 R 25 Tubeless <sup>(6)</sup></b> | 296917<br>22555 | 80<br>49.7                 |                             | 380<br>15    | 1365<br>53.7 | 633<br>24.9   | 4165<br>164   | 23<br>29               |                         | 280<br>74            | 9.50/1.7 CR                                     | 10.00/1.5<br>11.25/1.3                    |

|            |          |          |          |          |          |
|------------|----------|----------|----------|----------|----------|
| <b>Bar</b> | <b>5</b> | <b>6</b> | <b>7</b> | <b>8</b> | <b>9</b> |
| <b>Psi</b> | 73       | 87       | 102      | 116      | 131      |

Machine - Use ( kg - lbs)

#### CRANES AND SIMILAR SPECIALIZED MACHINES

|                    |               |               |               |               |               |
|--------------------|---------------|---------------|---------------|---------------|---------------|
| 30 KM/H<br>19 MPH  | 4750<br>10474 | 5440<br>11995 | 6125<br>13506 | 6815<br>15027 | 7500<br>16538 |
| 40 KM/H<br>25 MPH  | 4370<br>9636  | 5005<br>11036 | 5635<br>12425 | 6270<br>13825 | 6900<br>15215 |
| 50 KM/H<br>31 MPH  | 4255<br>9382  | 4870<br>10738 | 5490<br>12105 | 6105<br>13462 | 6720<br>14818 |
| 60 KM/H<br>37 MPH  | 4180<br>9217  | 4785<br>10551 | 5390<br>11885 | 5995<br>13219 | 6600<br>14553 |
| 65 KM/H<br>40 MPH  | 4085<br>9007  | 4575<br>10088 | 5270<br>11620 | 5860<br>12921 | 6450<br>14222 |
| 70 KM/H<br>43 MPH  | 3990<br>8798  | 4570<br>10077 | 5145<br>11345 | 5725<br>12624 | 6300<br>13892 |
| 80 KM/H<br>50 MPH  | 3800<br>8379  | 4350<br>9592  | 4900<br>10805 | 5450<br>12017 | 6000<br>13230 |
| 90 KM/H<br>56 MPH  | 3570<br>7872  | 4090<br>9018  | 4605<br>10154 | 5120<br>11290 | 5640<br>12436 |
| 100 KM/H<br>62 MPH | 3230<br>7122  | 3700<br>8159  | 4165<br>9184  | 4630<br>10209 | 5100<br>11246 |

| COMMERCIAL DESCRIPTION                                                                        | CAI MSPN | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|-----------------------------------------------------------------------------------------------|----------|----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>X-CRANE + 170E</b><br><b>385/95 R 25 X-CRANE + 170E</b><br><b>Tubeless <sup>(16)</sup></b> | 060565   | 70<br>43.5                 |                             | 391<br>15.4  | 1365<br>53.7 | 633<br>24.9   | 4165<br>164   | 23<br>29               |                         | 280<br>74            | 10.00/1.5                                       |                                           |

|            |          |            |          |            |          |            |          |
|------------|----------|------------|----------|------------|----------|------------|----------|
| <b>Bar</b> | <b>6</b> | <b>6.5</b> | <b>7</b> | <b>7.5</b> | <b>8</b> | <b>8.5</b> | <b>9</b> |
| <b>Psi</b> | 87       | 94         | 102      | 109        | 116      | 123        | 131      |

Machine - Use ( kg - lbs)

#### CRANES AND SIMILAR SPECIALIZED MACHINES

|                               |                |                |                |                |                |                |                |
|-------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| 0 KM/H<br>0 MPH               | 14350<br>31642 | 15030<br>33141 | 15700<br>34619 | 16350<br>36052 | 16970<br>37419 | 17590<br>38786 | 18180<br>40087 |
| 2 KM/H CREEP<br>1.2 MPH CREEP | 11650<br>25688 | 12200<br>26901 | 12740<br>28092 | 13270<br>29260 | 13780<br>30385 | 14280<br>31487 | 14760<br>32546 |
| 5 KM/H<br>3 MPH               | 10320<br>22756 | 10810<br>23836 | 11290<br>24894 | 11760<br>25931 | 12210<br>26923 | 12650<br>27893 | 13080<br>28841 |
| 10 KM/H<br>6 MPH              | 8950<br>19735  | 9370<br>20661  | 9790<br>21587  | 10200<br>22491 | 10580<br>23329 | 10970<br>24189 | 11340<br>25005 |
| 30 KM/H<br>19 MPH             | 6160<br>13583  | 6450<br>14222  | 6730<br>14840  | 7010<br>15457  | 7280<br>16052  | 7550<br>16648  | 7800<br>17199  |
| 40 KM/H<br>25 MPH             | 5870<br>12943  | 6150<br>13561  | 6420<br>14156  | 6690<br>14751  | 6940<br>15303  | 7200<br>15876  | 7440<br>16405  |
| 45 KM/H<br>28 MPH             | 5730<br>12635  | 6000<br>13230  | 6270<br>13825  | 6530<br>14399  | 6780<br>14950  | 7020<br>15479  | 7260<br>16008  |
| 50 KM/H<br>31 MPH             | 5590<br>12326  | 5850<br>12899  | 6110<br>13473  | 6370<br>14046  | 6610<br>14575  | 6850<br>15104  | 7080<br>15611  |
| 60 KM/H<br>37 MPH             | 5300<br>11687  | 5560<br>12260  | 5800<br>12789  | 6040<br>13318  | 6270<br>13825  | 6500<br>14333  | 6720<br>14818  |
| 70 KM/H<br>43 MPH             | 4735<br>10441  | 4960<br>10937  | 5180<br>11422  | 5395<br>11896  | 5600<br>12348  | 5805<br>12800  | 6000<br>13230  |
| 80 KM/H<br>50 MPH             | 3885<br>8566   | 4065<br>8963   | 4250<br>9371   | 4425<br>9757   | 4590<br>10121  | 4760<br>10496  | 4920<br>10849  |
| 90 KM/H<br>56 MPH             | 3315<br>7310   | 3470<br>7651   | 3625<br>7993   | 3775<br>8324   | 3920<br>8644   | 4065<br>8963   | 4200<br>9261   |
| 100 KM/H<br>62 MPH            | 2840<br>6262   | 2975<br>6560   | 3110<br>6858   | 3235<br>7133   | 3360<br>7409   | 3485<br>7684   | 3600<br>7938   |

### TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI

| COMMERCIAL DESCRIPTION                        | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|-----------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XH A L3 *</b><br><b>15.5 R 25 Tubeless</b> | 123008<br>25042 | 16<br>9.9                  |                             | 404<br>15.9  | 1270<br>50   | 555<br>21.9   | 3789<br>149.2 | 26<br>32.8             |                         | 245<br>64.7          | 12.00/1.3                                       | 12.00/1.3DC<br>13.00/1.4DC                |

|            |           |            |           |            |           |            |  |  |  |  |  |  |
|------------|-----------|------------|-----------|------------|-----------|------------|--|--|--|--|--|--|
| <b>Bar</b> | <b>2</b>  | <b>2.5</b> | <b>3</b>  | <b>3.5</b> | <b>4</b>  | <b>4.5</b> |  |  |  |  |  |  |
| <b>Psi</b> | <b>29</b> | <b>36</b>  | <b>44</b> | <b>51</b>  | <b>58</b> | <b>65</b>  |  |  |  |  |  |  |

#### Machine - Use ( kg - lbs) LOADERS

|              |              |              |               |               |               |               |  |  |  |  |  |  |
|--------------|--------------|--------------|---------------|---------------|---------------|---------------|--|--|--|--|--|--|
| FRONT LADEN  | 3700<br>8159 | 4250<br>9371 | 4800<br>10584 | 5350<br>11797 | 5800<br>12789 | 6450<br>14222 |  |  |  |  |  |  |
| REAR UNLADEN | 2950<br>6505 | 3400<br>7497 | 3850<br>8489  | 4300<br>9482  | 4650<br>10253 | 5150<br>11356 |  |  |  |  |  |  |

#### Machine - Use ( kg - lbs) GRADERS

|           |              |              |              |  |  |  |  |  |  |  |  |  |
|-----------|--------------|--------------|--------------|--|--|--|--|--|--|--|--|--|
| ALL AXLES | 2325<br>5127 | 2650<br>5843 | 3000<br>6615 |  |  |  |  |  |  |  |  |  |
|-----------|--------------|--------------|--------------|--|--|--|--|--|--|--|--|--|

| COMMERCIAL DESCRIPTION                             | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|----------------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XMINE D2 L5R *</b><br><b>15.5 R 25 Tubeless</b> | 252905<br>34827 | 6<br>3.7                   |                             | 418<br>16.5  | 1336<br>52.6 | 609<br>24     | 4049<br>159.4 | 60<br>75.6             |                         | 215<br>56.8          | 12.00/1.3                                       | 12.00/1.3DC<br>13.00/1.4DC                |

|            |           |            |           |            |           |            |  |  |  |  |  |  |
|------------|-----------|------------|-----------|------------|-----------|------------|--|--|--|--|--|--|
| <b>Bar</b> | <b>2</b>  | <b>2.5</b> | <b>3</b>  | <b>3.5</b> | <b>4</b>  | <b>4.5</b> |  |  |  |  |  |  |
| <b>Psi</b> | <b>29</b> | <b>36</b>  | <b>44</b> | <b>51</b>  | <b>58</b> | <b>65</b>  |  |  |  |  |  |  |

#### Machine - Use ( kg - lbs) LOADERS

|              |              |              |               |               |               |               |  |  |  |  |  |  |
|--------------|--------------|--------------|---------------|---------------|---------------|---------------|--|--|--|--|--|--|
| FRONT LADEN  | 3700<br>8159 | 4250<br>9371 | 4800<br>10584 | 5350<br>11797 | 5800<br>12789 | 6450<br>14222 |  |  |  |  |  |  |
| REAR UNLADEN | 2950<br>6505 | 3400<br>7497 | 3850<br>8489  | 4300<br>9482  | 4650<br>10253 | 5150<br>11356 |  |  |  |  |  |  |

#### Machine - Use ( kg - lbs) GRADERS

|           |              |              |              |  |  |  |  |  |  |  |  |  |
|-----------|--------------|--------------|--------------|--|--|--|--|--|--|--|--|--|
| ALL AXLES | 2325<br>5127 | 2650<br>5843 | 3000<br>6615 |  |  |  |  |  |  |  |  |  |
|-----------|--------------|--------------|--------------|--|--|--|--|--|--|--|--|--|

#### Machine - Use ( kg - lbs) UNDERGROUND MINE MACHINES

|           |              |              |              |               |               |               |  |  |  |  |  |  |
|-----------|--------------|--------------|--------------|---------------|---------------|---------------|--|--|--|--|--|--|
| ALL AXLES | 3350<br>7387 | 3850<br>8489 | 4300<br>9482 | 4800<br>10584 | 5200<br>11466 | 5800<br>12789 |  |  |  |  |  |  |
|-----------|--------------|--------------|--------------|---------------|---------------|---------------|--|--|--|--|--|--|

| COMMERCIAL DESCRIPTION                                        | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|---------------------------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XTL A L2 *</b><br><b>15.5 R 25 Tubeless <sup>(3)</sup></b> | 123415<br>94687 | 16<br>9.9                  |                             | 397<br>15.6  | 1272<br>50.1 | 556<br>21.9   | 3795<br>149.4 | 26<br>32.8             |                         | 245<br>64.7          | 12.00/1.3                                       | 12.00/1.3DC<br>13.00/1.4DC                |

|            |           |            |           |            |           |            |  |  |  |  |  |  |
|------------|-----------|------------|-----------|------------|-----------|------------|--|--|--|--|--|--|
| <b>Bar</b> | <b>2</b>  | <b>2.5</b> | <b>3</b>  | <b>3.5</b> | <b>4</b>  | <b>4.5</b> |  |  |  |  |  |  |
| <b>Psi</b> | <b>29</b> | <b>36</b>  | <b>44</b> | <b>51</b>  | <b>58</b> | <b>65</b>  |  |  |  |  |  |  |

#### Machine - Use ( kg - lbs) LOADERS

|              |              |              |               |               |               |               |  |  |  |  |  |  |
|--------------|--------------|--------------|---------------|---------------|---------------|---------------|--|--|--|--|--|--|
| FRONT LADEN  | 3700<br>8159 | 4250<br>9371 | 4800<br>10584 | 5350<br>11797 | 5800<br>12789 | 6450<br>14222 |  |  |  |  |  |  |
| REAR UNLADEN | 2950<br>6505 | 3400<br>7497 | 3850<br>8489  | 4300<br>9482  | 4650<br>10253 | 5150<br>11356 |  |  |  |  |  |  |

#### Machine - Use ( kg - lbs) GRADERS

|           |              |              |              |  |  |  |  |  |  |  |  |  |
|-----------|--------------|--------------|--------------|--|--|--|--|--|--|--|--|--|
| ALL AXLES | 2325<br>5127 | 2650<br>5843 | 3000<br>6615 |  |  |  |  |  |  |  |  |  |
|-----------|--------------|--------------|--------------|--|--|--|--|--|--|--|--|--|

| COMMERCIAL DESCRIPTION                             | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|----------------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XH D1 A E4 **</b><br><b>16.00 R 25 Tubeless</b> | 123350<br>34694 | 28<br>17.4                 | 164<br>112                  | 462<br>18.2  | 1540<br>60.6 | 704<br>27.7   | 4672<br>183.9 | 43<br>54.2             | 564<br>22.2             | 380<br>100.4         | 11.25/2.0IN                                     | 11.25/2.0<br>13.00/2.0IN<br>13.00/2.0     |

|            |           |            |           |            |           |            |            |            |            |  |  |  |
|------------|-----------|------------|-----------|------------|-----------|------------|------------|------------|------------|--|--|--|
| <b>Bar</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>6.5</b> | <b>7</b>   | <b>7.5</b> | <b>8</b>   |  |  |  |
| <b>Psi</b> | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  | <b>87</b> | <b>94</b>  | <b>102</b> | <b>109</b> | <b>116</b> |  |  |  |

#### Machine - Use ( kg - lbs) TRANSPORT

|          |               |               |               |               |               |               |               |               |               |  |  |  |
|----------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--|--|--|
| STANDARD | 5000<br>11025 | 5450<br>12017 | 5900<br>13010 | 6400<br>14112 | 6850<br>15104 | 7300<br>16097 | 7550<br>16648 | 7750<br>17089 | 8000<br>17640 |  |  |  |
|----------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--|--|--|

### TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI

| COMMERCIAL DESCRIPTION                               | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|------------------------------------------------------|-----------------|-----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>X-QUARRY E4R **</b><br><b>16.00 R 25 Tubeless</b> | 692021<br>17555 | 16<br>9.9                   | 93<br>64                    | 437<br>17.2  | 1542<br>60.7 | 707<br>27.8   | 4683<br>184.4 | 48<br>60.5             | 564<br>22.2             | 380<br>100.4         | 11.25/2.0IN<br>11.25/2.0                        | 13.00/2.0IN<br>13.00/2.0                  |

|            |            |           |            |           |            |           |
|------------|------------|-----------|------------|-----------|------------|-----------|
| <b>Bar</b> | <b>3.5</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> | <b>6</b>  |
| <b>Psi</b> | <b>51</b>  | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  | <b>87</b> |

#### Machine - Use ( kg - lbs) QUARRY TRANSPORT

|                |              |              |              |              |              |              |
|----------------|--------------|--------------|--------------|--------------|--------------|--------------|
| <b>30 KM/H</b> | <b>5300</b>  | <b>5800</b>  | <b>6300</b>  | <b>6800</b>  | <b>7300</b>  | <b>7800</b>  |
| <b>19 MPH</b>  | <b>11687</b> | <b>12789</b> | <b>13892</b> | <b>14994</b> | <b>16097</b> | <b>17199</b> |

| COMMERCIAL DESCRIPTION                            | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|---------------------------------------------------|-----------------|-----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XMINE D2 L5R</b><br><b>16.00 R 25 Tubeless</b> | 261025<br>34520 | 6<br>3.7                    |                             | 457<br>18    | 1530<br>60.2 | 699<br>27.5   | 4641<br>182.7 | 73<br>92               |                         | 320<br>84.5          | 11.25/2.0IN                                     | 11.25/2.0<br>13.00/2.0IN<br>13.00/2.0     |

|            |           |           |           |           |           |            |
|------------|-----------|-----------|-----------|-----------|-----------|------------|
| <b>Bar</b> | <b>2</b>  | <b>3</b>  | <b>4</b>  | <b>5</b>  | <b>6</b>  | <b>7</b>   |
| <b>Psi</b> | <b>29</b> | <b>44</b> | <b>58</b> | <b>73</b> | <b>87</b> | <b>102</b> |

#### Machine - Use ( kg - lbs) LOADERS

|                     |             |              |              |              |              |              |
|---------------------|-------------|--------------|--------------|--------------|--------------|--------------|
| <b>FRONT LADEN</b>  | <b>4500</b> | <b>5800</b>  | <b>7050</b>  | <b>8350</b>  | <b>9600</b>  | <b>10900</b> |
|                     | <b>9923</b> | <b>12789</b> | <b>15545</b> | <b>18412</b> | <b>21168</b> | <b>24035</b> |
| <b>REAR UNLADEN</b> | <b>3600</b> | <b>4650</b>  | <b>5650</b>  | <b>6700</b>  | <b>7700</b>  | <b>8700</b>  |
|                     | <b>7938</b> | <b>10253</b> | <b>12458</b> | <b>14774</b> | <b>16979</b> | <b>19184</b> |

#### Machine - Use ( kg - lbs) UNDERGROUND MINE MACHINES

|                  |             |              |              |              |              |              |
|------------------|-------------|--------------|--------------|--------------|--------------|--------------|
| <b>ALL AXLES</b> | <b>4050</b> | <b>5200</b>  | <b>6350</b>  | <b>7500</b>  | <b>8650</b>  | <b>9800</b>  |
|                  | <b>8930</b> | <b>11466</b> | <b>14002</b> | <b>16538</b> | <b>19073</b> | <b>21609</b> |

| COMMERCIAL DESCRIPTION                         | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|------------------------------------------------|-----------------|-----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XGC 170E</b><br><b>445/80 R 25 Tubeless</b> | 264520<br>30079 | 70<br>43.5                  |                             | 446<br>17.6  | 1352<br>53.2 | 625<br>24.6   | 4119<br>162.2 | 28<br>35.3             |                         | 340<br>89.8          | 14.00/1.7 CR                                    | 14.00/1.5                                 |

|            |           |           |            |
|------------|-----------|-----------|------------|
| <b>Bar</b> | <b>5</b>  | <b>6</b>  | <b>7</b>   |
| <b>Psi</b> | <b>73</b> | <b>87</b> | <b>102</b> |

#### Machine - Use ( kg - lbs) CRANES AND SIMILAR SPECIALIZED MACHINES

|                 |              |              |              |
|-----------------|--------------|--------------|--------------|
| <b>30 KM/H</b>  | <b>5650</b>  | <b>6750</b>  | <b>7800</b>  |
| <b>19 MPH</b>   | <b>12458</b> | <b>14884</b> | <b>17199</b> |
| <b>40 KM/H</b>  | <b>5400</b>  | <b>6450</b>  | <b>7450</b>  |
| <b>25 MPH</b>   | <b>11907</b> | <b>14222</b> | <b>16427</b> |
| <b>50 KM/H</b>  | <b>5150</b>  | <b>6150</b>  | <b>7100</b>  |
| <b>31 MPH</b>   | <b>11356</b> | <b>13561</b> | <b>15656</b> |
| <b>60 KM/H</b>  | <b>5565</b>  | <b>6030</b>  | <b>6720</b>  |
| <b>37 MPH</b>   | <b>12271</b> | <b>13296</b> | <b>14818</b> |
| <b>65 KM/H</b>  | <b>4650</b>  | <b>5550</b>  | <b>6450</b>  |
| <b>40 MPH</b>   | <b>10253</b> | <b>12238</b> | <b>14222</b> |
| <b>70 KM/H</b>  | <b>4350</b>  | <b>5200</b>  | <b>6000</b>  |
| <b>43 MPH</b>   | <b>9592</b>  | <b>11466</b> | <b>13230</b> |
| <b>80 KM/H</b>  | <b>3600</b>  | <b>4250</b>  | <b>4950</b>  |
| <b>50 MPH</b>   | <b>7938</b>  | <b>9371</b>  | <b>10915</b> |
| <b>90 KM/H</b>  | <b>3050</b>  | <b>3650</b>  | <b>4200</b>  |
| <b>56 MPH</b>   | <b>6725</b>  | <b>8048</b>  | <b>9261</b>  |
| <b>100 KM/H</b> | <b>2650</b>  | <b>3150</b>  | <b>3600</b>  |
| <b>62 MPH</b>   | <b>5843</b>  | <b>6946</b>  | <b>7938</b>  |



### TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI

| COMMERCIAL DESCRIPTION                   | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|------------------------------------------|-----------------|-----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XL B 170E</b><br>445/80 R 25 Tubeless | 757059<br>54193 | 70<br>43.5                  |                             | 435<br>17.1  | 1356<br>53.4 | 619<br>24.4   | 4112<br>161.9 | 26<br>32.8             |                         | 340<br>89.8          | 14.00/1.7 CR                                    | 14.00/1.5                                 |

|            |          |          |          |          |          |          |
|------------|----------|----------|----------|----------|----------|----------|
| <b>Bar</b> | <b>2</b> | <b>3</b> | <b>4</b> | <b>5</b> | <b>6</b> | <b>7</b> |
| <b>Psi</b> | 29       | 44       | 58       | 73       | 87       | 102      |

Machine - Use ( kg - lbs)

#### CRANES AND SIMILAR SPECIALIZED MACHINES

|                    |              |              |               |               |               |               |
|--------------------|--------------|--------------|---------------|---------------|---------------|---------------|
| 30 KM/H<br>19 MPH  | 2725<br>6009 | 3650<br>8048 | 4600<br>10143 | 5650<br>12458 | 6750<br>14884 | 7800<br>17199 |
| 40 KM/H<br>25 MPH  | 2600<br>5733 | 3475<br>7662 | 4400<br>9702  | 5400<br>11907 | 6450<br>14222 | 7450<br>16427 |
| 50 KM/H<br>31 MPH  | 2475<br>5457 | 3300<br>7277 | 4150<br>9151  | 5150<br>11356 | 6150<br>13561 | 7100<br>15656 |
| 60 KM/H<br>37 MPH  | 2365<br>5215 | 3150<br>6946 | 3975<br>8765  | 5565<br>12271 | 6030<br>13296 | 6720<br>14818 |
| 65 KM/H<br>40 MPH  | 2250<br>4961 | 3000<br>6615 | 3800<br>8379  | 4650<br>10253 | 5550<br>12238 | 6450<br>14222 |
| 70 KM/H<br>43 MPH  | 2100<br>4631 | 2800<br>6174 | 3550<br>7828  | 4350<br>9592  | 5200<br>11466 | 6000<br>13230 |
| 80 KM/H<br>50 MPH  | 1725<br>3804 | 2300<br>5072 | 2900<br>6395  | 3600<br>7938  | 4250<br>9371  | 4950<br>10915 |
| 90 KM/H<br>56 MPH  | 1475<br>3252 | 1975<br>4355 | 2500<br>5513  | 3050<br>6725  | 3650<br>8048  | 4200<br>9261  |
| 100 KM/H<br>62 MPH | 1250<br>2756 | 1675<br>3693 | 2150<br>4741  | 2650<br>5843  | 3150<br>6946  | 3600<br>7938  |

| COMMERCIAL DESCRIPTION                          | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|-------------------------------------------------|-----------------|-----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XSNOPLUS E2 177E</b><br>445/95 R 25 Tubeless | 123857<br>20575 | 70<br>43.5                  |                             | 447<br>17.6  | 1486<br>58.5 | 687<br>27     | 4528<br>178.3 | 25<br>31.5             | 513<br>20.2             | 380<br>100.4         | 11.00/1.7 CR                                    | 11.25/2.0IN<br>11.25/2.0<br>DC 635x280 CR |

|            |          |          |          |          |          |
|------------|----------|----------|----------|----------|----------|
| <b>Bar</b> | <b>5</b> | <b>6</b> | <b>7</b> | <b>8</b> | <b>9</b> |
| <b>Psi</b> | 73       | 87       | 102      | 116      | 131      |

Machine - Use ( kg - lbs)

#### CRANES AND SIMILAR SPECIALIZED MACHINES

|                    |               |               |               |               |               |
|--------------------|---------------|---------------|---------------|---------------|---------------|
| 30 KM/H<br>20 MPH  | 5850<br>12899 | 6750<br>14884 | 7650<br>16868 | 8600<br>18963 | 9500<br>20948 |
| 40 KM/H<br>25 MPH  | 5600<br>12348 | 6450<br>14222 | 7300<br>16097 | 8200<br>18081 | 9050<br>19955 |
| 50 KM/H<br>31 MPH  | 5300<br>11687 | 6150<br>13561 | 6950<br>15325 | 7800<br>17199 | 8600<br>18963 |
| 65 KM/H<br>40 MPH  | 4850<br>10694 | 5600<br>12348 | 6350<br>14002 | 7150<br>15766 | 7800<br>17199 |
| 70 KM/H<br>43 MPH  | 4500<br>9923  | 5200<br>11466 | 5900<br>13010 | 6600<br>14553 | 7300<br>16097 |
| 80 KM/H<br>50 MPH  | 3700<br>8159  | 4250<br>9371  | 4850<br>10694 | 5400<br>11907 | 6000<br>13230 |
| 90 KM/H<br>56 MPH  | 3150<br>6946  | 3650<br>8048  | 4150<br>9151  | 4600<br>10143 | 5100<br>11246 |
| 100 KM/H<br>62 MPH | 2700<br>5954  | 3120<br>6880  | 3550<br>7828  | 3950<br>8710  | 4400<br>9702  |

### TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI

| COMMERCIAL DESCRIPTION                                                   | CAI MSPN               | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch       | D<br>mm inch        | R'<br>mm inch      | RC<br>mm inch        | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims        |
|--------------------------------------------------------------------------|------------------------|----------------------------|-----------------------------|--------------------|---------------------|--------------------|----------------------|------------------------|-------------------------|----------------------|-------------------------------------------------|--------------------------------------------------|
| <b>X-CRANE + 174F</b><br><b>445/95 R 25 Tubeless</b>                     | <b>738428</b><br>30097 | <b>80</b><br>49.7          |                             | <b>442</b><br>17.4 | <b>1485</b><br>58.5 | <b>693</b><br>27.3 | <b>4542</b><br>178.8 | <b>25</b><br>31.5      |                         | <b>380</b><br>100.4  | <b>11.00/1.7 CR</b>                             | <b>11.25/2.0IN</b><br>11.25/2.0<br>DC 635x280 CR |
| <b>Bar</b>                                                               | <b>5</b>               | <b>6</b>                   |                             | <b>7</b>           | <b>8</b>            | <b>9</b>           |                      |                        |                         |                      |                                                 |                                                  |
| <b>Psi</b>                                                               | <b>73</b>              | <b>87</b>                  |                             | <b>102</b>         | <b>116</b>          | <b>131</b>         |                      |                        |                         |                      |                                                 |                                                  |
| <b>Machine - Use ( kg - lbs) CRANES AND SIMILAR SPECIALIZED MACHINES</b> |                        |                            |                             |                    |                     |                    |                      |                        |                         |                      |                                                 |                                                  |
| <b>30 KM/H</b>                                                           | <b>5340</b>            | <b>6095</b>                |                             | <b>6850</b>        | <b>7615</b>         | <b>8375</b>        |                      |                        |                         |                      |                                                 |                                                  |
| <b>19 MPH</b>                                                            | <b>11775</b>           | <b>13439</b>               |                             | <b>15104</b>       | <b>16791</b>        | <b>18467</b>       |                      |                        |                         |                      |                                                 |                                                  |
| <b>40 KM/H</b>                                                           | <b>4910</b>            | <b>5605</b>                |                             | <b>6300</b>        | <b>7005</b>         | <b>7705</b>        |                      |                        |                         |                      |                                                 |                                                  |
| <b>25 MPH</b>                                                            | <b>10827</b>           | <b>12359</b>               |                             | <b>13892</b>       | <b>15446</b>        | <b>16990</b>       |                      |                        |                         |                      |                                                 |                                                  |
| <b>50 KM/H</b>                                                           | <b>4780</b>            | <b>5460</b>                |                             | <b>6140</b>        | <b>6820</b>         | <b>7505</b>        |                      |                        |                         |                      |                                                 |                                                  |
| <b>31 MPH</b>                                                            | <b>10540</b>           | <b>12039</b>               |                             | <b>13539</b>       | <b>15038</b>        | <b>16549</b>       |                      |                        |                         |                      |                                                 |                                                  |
| <b>65 KM/H</b>                                                           | <b>4590</b>            | <b>5240</b>                |                             | <b>5890</b>        | <b>6545</b>         | <b>7205</b>        |                      |                        |                         |                      |                                                 |                                                  |
| <b>40 MPH</b>                                                            | <b>10121</b>           | <b>11554</b>               |                             | <b>12987</b>       | <b>14432</b>        | <b>15887</b>       |                      |                        |                         |                      |                                                 |                                                  |
| <b>70 KM/H</b>                                                           | <b>4485</b>            | <b>5120</b>                |                             | <b>5755</b>        | <b>6395</b>         | <b>7035</b>        |                      |                        |                         |                      |                                                 |                                                  |
| <b>43 MPH</b>                                                            | <b>9889</b>            | <b>11290</b>               |                             | <b>12690</b>       | <b>14101</b>        | <b>15512</b>       |                      |                        |                         |                      |                                                 |                                                  |
| <b>80 KM/H</b>                                                           | <b>4270</b>            | <b>4875</b>                |                             | <b>5480</b>        | <b>6090</b>         | <b>6700</b>        |                      |                        |                         |                      |                                                 |                                                  |
| <b>50 MPH</b>                                                            | <b>9415</b>            | <b>10749</b>               |                             | <b>12083</b>       | <b>13428</b>        | <b>14774</b>       |                      |                        |                         |                      |                                                 |                                                  |
| <b>90 KM/H</b>                                                           | <b>4015</b>            | <b>4580</b>                |                             | <b>5150</b>        | <b>5725</b>         | <b>6300</b>        |                      |                        |                         |                      |                                                 |                                                  |
| <b>56 MPH</b>                                                            | <b>8853</b>            | <b>10099</b>               |                             | <b>11356</b>       | <b>12624</b>        | <b>13892</b>       |                      |                        |                         |                      |                                                 |                                                  |
| <b>100 KM/H</b>                                                          | <b>3775</b>            | <b>4305</b>                |                             | <b>4840</b>        | <b>5380</b>         | <b>5920</b>        |                      |                        |                         |                      |                                                 |                                                  |
| <b>62 MPH</b>                                                            | <b>8324</b>            | <b>9493</b>                |                             | <b>10672</b>       | <b>11863</b>        | <b>13054</b>       |                      |                        |                         |                      |                                                 |                                                  |

| COMMERCIAL DESCRIPTION                                | CAI MSPN               | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch       | D<br>mm inch        | R'<br>mm inch      | RC<br>mm inch        | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims        |
|-------------------------------------------------------|------------------------|----------------------------|-----------------------------|--------------------|---------------------|--------------------|----------------------|------------------------|-------------------------|----------------------|-------------------------------------------------|--------------------------------------------------|
| <b>XSNOPLUS L2T * TG</b><br><b>17.5 R 25 Tubeless</b> | <b>123871</b><br>99466 | <b>16</b><br>9.9           |                             | <b>448</b><br>17.6 | <b>1342</b><br>52.8 | <b>576</b><br>22.7 | <b>3977</b><br>156.6 | <b>28</b><br>35.3      |                         | <b>333</b><br>88     | <b>14.00/1.5</b>                                | <b>13.00/1.4DC</b><br>14.00/1.3DC<br>14.00/1.5DC |
| <b>Bar</b>                                            | <b>2</b>               | <b>2.5</b>                 |                             | <b>3</b>           | <b>3.5</b>          | <b>4.25</b>        | <b>4.5</b>           |                        |                         |                      |                                                 |                                                  |
| <b>Psi</b>                                            | <b>29</b>              | <b>36</b>                  |                             | <b>44</b>          | <b>51</b>           | <b>62</b>          | <b>65</b>            |                        |                         |                      |                                                 |                                                  |
| <b>Machine - Use ( kg - lbs) LOADERS</b>              |                        |                            |                             |                    |                     |                    |                      |                        |                         |                      |                                                 |                                                  |
| <b>FRONT LADEN</b>                                    | <b>4550</b>            | <b>5100</b>                |                             | <b>5700</b>        | <b>6250</b>         | <b>7100</b>        | <b>7350</b>          |                        |                         |                      |                                                 |                                                  |
|                                                       | <b>10033</b>           | <b>11246</b>               |                             | <b>12569</b>       | <b>13781</b>        | <b>15656</b>       | <b>16207</b>         |                        |                         |                      |                                                 |                                                  |
| <b>REAR UNLADEN</b>                                   | <b>3650</b>            | <b>4100</b>                |                             | <b>4550</b>        | <b>5000</b>         | <b>5700</b>        | <b>5900</b>          |                        |                         |                      |                                                 |                                                  |
|                                                       | <b>8048</b>            | <b>9041</b>                |                             | <b>10033</b>       | <b>11025</b>        | <b>12569</b>       | <b>13010</b>         |                        |                         |                      |                                                 |                                                  |
| <b>Machine - Use ( kg - lbs) GRADERS</b>              |                        |                            |                             |                    |                     |                    |                      |                        |                         |                      |                                                 |                                                  |
| <b>ALL AXLES</b>                                      | <b>2800</b>            | <b>3250</b>                |                             | <b>3650</b>        |                     |                    |                      |                        |                         |                      |                                                 |                                                  |
|                                                       | <b>6174</b>            | <b>7166</b>                |                             | <b>8048</b>        |                     |                    |                      |                        |                         |                      |                                                 |                                                  |

| COMMERCIAL DESCRIPTION                                        | CAI MSPN              | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch       | D<br>mm inch        | R'<br>mm inch      | RC<br>mm inch        | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|---------------------------------------------------------------|-----------------------|----------------------------|-----------------------------|--------------------|---------------------|--------------------|----------------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XTL A L2 *</b><br><b>17.5 R 25 Tubeless <sup>(3)</sup></b> | <b>123425</b><br>4118 | <b>16</b><br>9.9           |                             | <b>459</b><br>18.1 | <b>1337</b><br>52.6 | <b>574</b><br>22.6 | <b>3964</b><br>156.1 | <b>28</b><br>35.3      |                         | <b>332</b><br>87.7   | <b>14.00/1.5</b>                                | <b>14.00/1.3DC</b><br>14.00/1.5DC         |
| <b>Bar</b>                                                    | <b>2</b>              | <b>2.5</b>                 |                             | <b>3</b>           | <b>3.5</b>          | <b>4.25</b>        | <b>4.5</b>           |                        |                         |                      |                                                 |                                           |
| <b>Psi</b>                                                    | <b>29</b>             | <b>36</b>                  |                             | <b>44</b>          | <b>51</b>           | <b>62</b>          | <b>65</b>            |                        |                         |                      |                                                 |                                           |
| <b>Machine - Use ( kg - lbs) LOADERS</b>                      |                       |                            |                             |                    |                     |                    |                      |                        |                         |                      |                                                 |                                           |
| <b>FRONT LADEN</b>                                            | <b>4550</b>           | <b>5100</b>                |                             | <b>5700</b>        | <b>6250</b>         | <b>7100</b>        | <b>7350</b>          |                        |                         |                      |                                                 |                                           |
|                                                               | <b>10033</b>          | <b>11246</b>               |                             | <b>12569</b>       | <b>13781</b>        | <b>15656</b>       | <b>16207</b>         |                        |                         |                      |                                                 |                                           |
| <b>REAR UNLADEN</b>                                           | <b>3650</b>           | <b>4100</b>                |                             | <b>4550</b>        | <b>5000</b>         | <b>5700</b>        | <b>5900</b>          |                        |                         |                      |                                                 |                                           |
|                                                               | <b>8048</b>           | <b>9041</b>                |                             | <b>10033</b>       | <b>11025</b>        | <b>12569</b>       | <b>13010</b>         |                        |                         |                      |                                                 |                                           |
| <b>Machine - Use ( kg - lbs) GRADERS</b>                      |                       |                            |                             |                    |                     |                    |                      |                        |                         |                      |                                                 |                                           |
| <b>ALL AXLES</b>                                              | <b>2800</b>           | <b>3250</b>                |                             | <b>3650</b>        |                     |                    |                      |                        |                         |                      |                                                 |                                           |
|                                                               | <b>6174</b>           | <b>7166</b>                |                             | <b>8048</b>        |                     |                    |                      |                        |                         |                      |                                                 |                                           |

### TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI

| COMMERCIAL DESCRIPTION                        | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|-----------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XH A L3 *</b><br><b>17.5 R 25 Tubeless</b> | 123009<br>35052 | 16<br>9.9                  |                             | 448<br>17.6  | 1340<br>52.8 | 580<br>22.8   | 3984<br>156.9 | 29<br>36.5             |                         | 328<br>86.7          | 14.00/1.5                                       | 13.00/1.4DC<br>14.00/1.5DC                |

|            |           |            |           |            |             |            |  |  |  |  |  |  |
|------------|-----------|------------|-----------|------------|-------------|------------|--|--|--|--|--|--|
| <b>Bar</b> | <b>2</b>  | <b>2.5</b> | <b>3</b>  | <b>3.5</b> | <b>4.25</b> | <b>4.5</b> |  |  |  |  |  |  |
| <b>Psi</b> | <b>29</b> | <b>36</b>  | <b>44</b> | <b>51</b>  | <b>62</b>   | <b>65</b>  |  |  |  |  |  |  |

#### Machine - Use ( kg - lbs) **LOADERS**

|              |               |               |               |               |               |               |  |  |  |  |  |  |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|--|--|--|--|--|--|
| FRONT LADEN  | 4550<br>10033 | 5100<br>11246 | 5700<br>12569 | 6250<br>13781 | 7100<br>15656 | 7350<br>16207 |  |  |  |  |  |  |
| REAR UNLADEN | 3650<br>8048  | 4100<br>9041  | 4550<br>10033 | 5000<br>11025 | 5700<br>12569 | 5900<br>13010 |  |  |  |  |  |  |

#### Machine - Use ( kg - lbs) **GRADERS**

|           |              |              |              |  |  |  |  |  |  |  |  |  |
|-----------|--------------|--------------|--------------|--|--|--|--|--|--|--|--|--|
| ALL AXLES | 2800<br>6174 | 3250<br>7166 | 3650<br>8048 |  |  |  |  |  |  |  |  |  |
|-----------|--------------|--------------|--------------|--|--|--|--|--|--|--|--|--|

| COMMERCIAL DESCRIPTION                              | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|-----------------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XHA2 L3 * 176A2</b><br><b>17.5 R 25 Tubeless</b> | 717546<br>48885 | 16<br>9.9                  |                             | 459<br>18.1  | 1342<br>52.8 | 583<br>23     | 3995<br>157.3 | 29<br>36.5             |                         | 325<br>85.9          | 14.00/1.5                                       | 13.00/1.4DC<br>14.00/1.5DC                |

|            |           |            |           |            |             |            |  |  |  |  |  |  |
|------------|-----------|------------|-----------|------------|-------------|------------|--|--|--|--|--|--|
| <b>Bar</b> | <b>2</b>  | <b>2.5</b> | <b>3</b>  | <b>3.5</b> | <b>4.25</b> | <b>4.5</b> |  |  |  |  |  |  |
| <b>Psi</b> | <b>29</b> | <b>36</b>  | <b>44</b> | <b>51</b>  | <b>62</b>   | <b>65</b>  |  |  |  |  |  |  |

#### Machine - Use ( kg - lbs) **LOADERS**

|              |               |               |               |               |               |               |  |  |  |  |  |  |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|--|--|--|--|--|--|
| FRONT LADEN  | 4550<br>10033 | 5100<br>11246 | 5700<br>12569 | 6250<br>13781 | 7100<br>15656 | 7350<br>16207 |  |  |  |  |  |  |
| REAR UNLADEN | 3650<br>8048  | 4100<br>9041  | 4550<br>10033 | 5000<br>11025 | 5700<br>12569 | 5900<br>13010 |  |  |  |  |  |  |

#### Machine - Use ( kg - lbs) **GRADERS**

|           |              |              |              |  |  |  |  |  |  |  |  |  |
|-----------|--------------|--------------|--------------|--|--|--|--|--|--|--|--|--|
| ALL AXLES | 2800<br>6174 | 3250<br>7166 | 3650<br>8048 |  |  |  |  |  |  |  |  |  |
|-----------|--------------|--------------|--------------|--|--|--|--|--|--|--|--|--|

| COMMERCIAL DESCRIPTION                         | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|------------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XK A L3 **</b><br><b>17.5 R 25 Tubeless</b> | 263251<br>44735 | 14<br>8.7                  |                             | 481<br>18.9  | 1346<br>53   | 600<br>23.6   | 4045<br>159.3 | 25<br>31.5             |                         | 300<br>79.3          | 14.00/1.5                                       |                                           |

|            |           |            |           |            |             |            |           |            |  |  |  |  |
|------------|-----------|------------|-----------|------------|-------------|------------|-----------|------------|--|--|--|--|
| <b>Bar</b> | <b>2</b>  | <b>2.5</b> | <b>3</b>  | <b>3.5</b> | <b>4.25</b> | <b>4.5</b> | <b>5</b>  | <b>5.5</b> |  |  |  |  |
| <b>Psi</b> | <b>29</b> | <b>36</b>  | <b>44</b> | <b>51</b>  | <b>62</b>   | <b>65</b>  | <b>73</b> | <b>80</b>  |  |  |  |  |

#### Machine - Use ( kg - lbs) **LOADERS**

|              |               |               |               |               |               |               |               |               |  |  |  |  |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--|--|--|--|
| FRONT LADEN  | 4550<br>10033 | 5100<br>11246 | 5700<br>12569 | 6250<br>13781 | 7100<br>15656 | 7350<br>16207 | 7925<br>17475 | 8500<br>18743 |  |  |  |  |
| REAR UNLADEN | 3650<br>8048  | 4100<br>9041  | 4550<br>10033 | 5000<br>11025 | 5700<br>12569 | 5900<br>13010 | 6350<br>14002 | 6800<br>14994 |  |  |  |  |

#### Machine - Use ( kg - lbs) **UNDERGROUND TRANSPORT MACHINE**

|           |  |  |              |               |               |               |               |               |  |  |  |  |
|-----------|--|--|--------------|---------------|---------------|---------------|---------------|---------------|--|--|--|--|
| ALL AXLES |  |  | 4250<br>9371 | 4750<br>10474 | 5600<br>12348 | 5800<br>12789 | 6300<br>13892 | 6700<br>14774 |  |  |  |  |
|-----------|--|--|--------------|---------------|---------------|---------------|---------------|---------------|--|--|--|--|

| COMMERCIAL DESCRIPTION                             | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|----------------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XLD D2 A L5T *</b><br><b>17.5 R 25 Tubeless</b> | 123317<br>37608 | 10<br>6.2                  |                             | 454<br>17.9  | 1406<br>55.4 | 619<br>24.4   | 4206<br>165.6 | 63<br>79.4             |                         | 305<br>80.6          | 14.00/1.5                                       |                                           |

|            |           |            |           |            |             |            |           |            |  |  |  |  |
|------------|-----------|------------|-----------|------------|-------------|------------|-----------|------------|--|--|--|--|
| <b>Bar</b> | <b>2</b>  | <b>2.5</b> | <b>3</b>  | <b>3.5</b> | <b>4.25</b> | <b>4.5</b> | <b>5</b>  | <b>5.5</b> |  |  |  |  |
| <b>Psi</b> | <b>29</b> | <b>36</b>  | <b>44</b> | <b>51</b>  | <b>62</b>   | <b>65</b>  | <b>73</b> | <b>80</b>  |  |  |  |  |

#### Machine - Use ( kg - lbs) **LOADERS**

|              |               |               |               |               |               |               |  |  |  |  |  |  |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|--|--|--|--|--|--|
| FRONT LADEN  | 4550<br>10033 | 5100<br>11246 | 5700<br>12569 | 6250<br>13781 | 7100<br>15656 | 7350<br>16207 |  |  |  |  |  |  |
| REAR UNLADEN | 3650<br>8048  | 4100<br>9041  | 4550<br>10033 | 5000<br>11025 | 5700<br>12569 | 5900<br>13010 |  |  |  |  |  |  |

#### Machine - Use ( kg - lbs) **GRADERS**

|           |              |              |              |  |  |  |  |  |  |  |  |  |
|-----------|--------------|--------------|--------------|--|--|--|--|--|--|--|--|--|
| ALL AXLES | 2800<br>6174 | 3250<br>7166 | 3650<br>8048 |  |  |  |  |  |  |  |  |  |
|-----------|--------------|--------------|--------------|--|--|--|--|--|--|--|--|--|

#### Machine - Use ( kg - lbs) **UNDERGROUND TRANSPORT MACHINE**

|           |  |  |              |               |               |               |               |               |  |  |  |  |
|-----------|--|--|--------------|---------------|---------------|---------------|---------------|---------------|--|--|--|--|
| ALL AXLES |  |  | 4250<br>9371 | 4750<br>10474 | 5600<br>12348 | 5800<br>12789 | 6300<br>13892 | 6700<br>14774 |  |  |  |  |
|-----------|--|--|--------------|---------------|---------------|---------------|---------------|---------------|--|--|--|--|

### TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI

| COMMERCIAL DESCRIPTION                             | CAI MSPN                             | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch       | D<br>mm inch        | R'<br>mm inch      | RC<br>mm inch        | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|----------------------------------------------------|--------------------------------------|----------------------------|-----------------------------|--------------------|---------------------|--------------------|----------------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XMINE D2 L5 **</b><br><b>17.5 R 25 Tubeless</b> | <b>009071</b><br>31686               | <b>6</b><br>3.7            |                             | <b>480</b><br>18.9 | <b>1402</b><br>55.2 | <b>641</b><br>25.2 | <b>4254</b><br>167.5 | <b>65</b><br>81.9      |                         | <b>285</b><br>75.3   | <b>14.00/1.5</b>                                | 14.00/1.5DC                               |
| <b>Bar</b>                                         | <b>3</b>                             | <b>3.5</b>                 |                             | <b>4</b>           | <b>4.5</b>          | <b>5</b>           | <b>5.5</b>           | <b>6</b>               | <b>6.5</b>              |                      |                                                 |                                           |
| <b>Psi</b>                                         | <b>44</b>                            | <b>51</b>                  |                             | <b>58</b>          | <b>65</b>           | <b>73</b>          | <b>80</b>            | <b>87</b>              | <b>94</b>               |                      |                                                 |                                           |
| Machine - Use (kg - lbs)                           | <b>LOADERS</b>                       |                            |                             |                    |                     |                    |                      |                        |                         |                      |                                                 |                                           |
| FRONT LADEN                                        | 4750<br>10474                        | 5450<br>12017              |                             | 6000<br>13230      | 6500<br>14333       | 7100<br>15656      | 7500<br>16538        | 8000<br>17640          |                         | 8500<br>18743        |                                                 |                                           |
| REAR UNLADEN                                       | 3800<br>8379                         | 4360<br>9614               |                             | 4800<br>10584      | 5200<br>11466       | 5680<br>12524      | 6000<br>13230        | 6400<br>14112          |                         | 6800<br>14994        |                                                 |                                           |
| Machine - Use (kg - lbs)                           | <b>UNDERGROUND TRANSPORT MACHINE</b> |                            |                             |                    |                     |                    |                      |                        |                         |                      |                                                 |                                           |
| ALL AXLES                                          | 4250<br>9371                         | 4750<br>10474              |                             | 5300<br>11687      | 5800<br>12789       | 6300<br>13892      | 6700<br>14774        | 7100<br>15656          |                         | 7500<br>16538        |                                                 |                                           |

| COMMERCIAL DESCRIPTION                             | CAI MSPN               | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch     | D<br>mm inch      | R'<br>mm inch      | RC<br>mm inch        | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|----------------------------------------------------|------------------------|----------------------------|-----------------------------|------------------|-------------------|--------------------|----------------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XSM D2+ L5S **</b><br><b>17.5 R 25 Tubeless</b> | <b>218365</b><br>41235 | <b>4</b><br>2.5            |                             | <b>456</b><br>18 | <b>1397</b><br>55 | <b>641</b><br>25.2 | <b>4246</b><br>167.2 | <b>78</b><br>98.3      |                         | <b>272</b><br>71.9   | <b>14.00/1.5</b>                                |                                           |
| <b>Bar</b>                                         | <b>3</b>               | <b>3.5</b>                 |                             | <b>4</b>         | <b>4.5</b>        | <b>5</b>           | <b>5.5</b>           | <b>6</b>               | <b>6.5</b>              |                      |                                                 |                                           |
| <b>Psi</b>                                         | <b>44</b>              | <b>51</b>                  |                             | <b>58</b>        | <b>65</b>         | <b>73</b>          | <b>80</b>            | <b>87</b>              | <b>94</b>               |                      |                                                 |                                           |
| Machine - Use (kg - lbs)                           | <b>LOADERS</b>         |                            |                             |                  |                   |                    |                      |                        |                         |                      |                                                 |                                           |
| FRONT LADEN                                        | 4750<br>10474          | 5450<br>12017              |                             | 6000<br>13230    | 6500<br>14333     | 7100<br>15656      | 7500<br>16538        | 8000<br>17640          |                         | 8500<br>18743        |                                                 |                                           |
| REAR UNLADEN                                       | 3800<br>8379           | 4360<br>9614               |                             | 4800<br>10584    | 5200<br>11466     | 5680<br>12524      | 6000<br>13230        | 6400<br>14112          |                         | 6800<br>14994        |                                                 |                                           |

| COMMERCIAL DESCRIPTION                                 | CAI MSPN               | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch       | D<br>mm inch      | R'<br>mm inch    | RC<br>mm inch        | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|--------------------------------------------------------|------------------------|----------------------------|-----------------------------|--------------------|-------------------|------------------|----------------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XSMD2+ PRO L5S ***</b><br><b>17.5 R 25 Tubeless</b> | <b>822869</b><br>33183 | <b>4</b><br>2.5            |                             | <b>453</b><br>17.8 | <b>1396</b><br>55 | <b>635</b><br>25 | <b>4227</b><br>166.4 | <b>78</b><br>98.3      |                         | <b>272</b><br>71.9   | <b>14.00/1.5</b>                                |                                           |
| <b>Bar</b>                                             | <b>3</b>               | <b>3.5</b>                 |                             | <b>4</b>           | <b>4.5</b>        | <b>5</b>         | <b>5.5</b>           | <b>6</b>               | <b>6.5</b>              | <b>7</b>             |                                                 |                                           |
| <b>Psi</b>                                             | <b>44</b>              | <b>51</b>                  |                             | <b>58</b>          | <b>65</b>         | <b>73</b>        | <b>80</b>            | <b>87</b>              | <b>94</b>               | <b>102</b>           |                                                 |                                           |
| Machine - Use (kg - lbs)                               | <b>LOADERS</b>         |                            |                             |                    |                   |                  |                      |                        |                         |                      |                                                 |                                           |
| FRONT LADEN                                            | 4750<br>10474          | 5450<br>12017              |                             | 6000<br>13230      | 6500<br>14333     | 7100<br>15656    | 7500<br>16538        | 8000<br>17640          |                         | 8500<br>18743        | 10000<br>22050                                  |                                           |
| REAR UNLADEN                                           | 3800<br>8379           | 4360<br>9614               |                             | 4800<br>10584      | 5200<br>11466     | 5680<br>12524    | 6000<br>13230        | 6400<br>14112          |                         | 6800<br>14994        | 8000<br>17640                                   |                                           |

| COMMERCIAL DESCRIPTION                                  | CAI MSPN                             | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch       | D<br>mm inch        | R'<br>mm inch      | RC<br>mm inch        | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|---------------------------------------------------------|--------------------------------------|----------------------------|-----------------------------|--------------------|---------------------|--------------------|----------------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XMINE D2 PRO L5 ***</b><br><b>17.5 R 25 Tubeless</b> | <b>720557</b><br>01143               | <b>6</b><br>3.7            |                             | <b>477</b><br>18.8 | <b>1404</b><br>55.3 | <b>627</b><br>24.7 | <b>4222</b><br>166.2 | <b>65</b><br>81.9      |                         | <b>285</b><br>75.3   | <b>14.00/1.5</b>                                | 14.00/1.5DC                               |
| <b>Bar</b>                                              | <b>3</b>                             | <b>3.5</b>                 |                             | <b>4</b>           | <b>4.5</b>          | <b>5</b>           | <b>5.5</b>           | <b>6</b>               | <b>6.5</b>              | <b>7</b>             |                                                 |                                           |
| <b>Psi</b>                                              | <b>44</b>                            | <b>51</b>                  |                             | <b>58</b>          | <b>65</b>           | <b>73</b>          | <b>80</b>            | <b>87</b>              | <b>94</b>               | <b>102</b>           |                                                 |                                           |
| Machine - Use (kg - lbs)                                | <b>LOADERS</b>                       |                            |                             |                    |                     |                    |                      |                        |                         |                      |                                                 |                                           |
| FRONT LADEN                                             | 4750<br>10474                        | 5450<br>12017              |                             | 6000<br>13230      | 6500<br>14333       | 7100<br>15656      | 7500<br>16538        | 8000<br>17640          |                         | 8500<br>18743        | 10000<br>22050                                  |                                           |
| REAR UNLADEN                                            | 3800<br>8379                         | 4360<br>9614               |                             | 4800<br>10584      | 5200<br>11466       | 5680<br>12524      | 6000<br>13230        | 6400<br>14112          |                         | 6800<br>14994        | 8000<br>17640                                   |                                           |
| Machine - Use (kg - lbs)                                | <b>UNDERGROUND TRANSPORT MACHINE</b> |                            |                             |                    |                     |                    |                      |                        |                         |                      |                                                 |                                           |
| ALL AXLES                                               | 4250<br>9371                         | 4750<br>10474              |                             | 5300<br>11687      | 5800<br>12789       | 6300<br>13892      | 6700<br>14774        | 7100<br>15656          |                         | 7500<br>16538        | 9000<br>19845                                   |                                           |



### TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI

| COMMERCIAL DESCRIPTION                                          | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch  | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|-----------------------------------------------------------------|-----------------|-----------------------------|-----------------------------|---------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XS E7</b><br><b>18.00 R 25 Tubeless <sup>(9)</sup></b>       | 276450<br>46284 |                             |                             | 492<br>19.4   | 1600<br>63   | 722<br>28.4   | 4831<br>190.2 | 21<br>26.5             | 641<br>25.2             | 532<br>140.6         | 13.00/2.5IN                                     | 13.00/2.5<br>15.00/2.5IN<br>15.00/2.5     |
| <b>Bar</b>                                                      | <b>1</b>        | <b>1.5</b>                  | <b>2</b>                    | <b>2.5</b>    | <b>3</b>     | <b>3.5</b>    | <b>4</b>      | <b>4.5</b>             | <b>5</b>                | <b>6</b>             |                                                 |                                           |
| <b>Psi</b>                                                      | <b>15</b>       | <b>22</b>                   | <b>29</b>                   | <b>36</b>     | <b>44</b>    | <b>51</b>     | <b>58</b>     | <b>65</b>              | <b>73</b>               | <b>87</b>            |                                                 |                                           |
| <b>Machine - Use ( kg - lbs) DESERT CONDITIONS 65 KM/H MAX.</b> |                 |                             |                             |               |              |               |               |                        |                         |                      |                                                 |                                           |
| ROAD IN SINGLE                                                  |                 |                             |                             | 3250<br>7166  | 3900<br>8600 | 4500<br>9923  | 5050<br>11135 | 5600<br>12348          | 6250<br>13781           | 6850<br>15104        |                                                 | 8000<br>17640                             |
| ROAD IN TWIN                                                    |                 |                             |                             | 2925<br>6450  | 3510<br>7740 | 4050<br>8930  | 4545<br>10022 | 5040<br>11113          | 5625<br>12403           | 6165<br>13594        |                                                 | 7200<br>15876                             |
| TRACK IN SINGLE                                                 |                 |                             |                             | 3250<br>7166  | 4050<br>8930 | 4950<br>10915 | 5750<br>12679 | 6600<br>14553          |                         |                      |                                                 |                                           |
| TRACK IN TWIN                                                   |                 |                             |                             | 2925<br>6450  | 3645<br>8037 | 4455<br>9823  | 5175<br>11411 | 5940<br>13098          |                         |                      |                                                 |                                           |
| SAND IN SINGLE                                                  | 3600<br>7938    | 5050<br>11135               |                             | 6350<br>14002 |              |               |               |                        |                         |                      |                                                 |                                           |
| SAND IN TWIN                                                    | 3240<br>7144    | 4545<br>10022               |                             | 5715<br>12602 |              |               |               |                        |                         |                      |                                                 |                                           |

| COMMERCIAL DESCRIPTION                             | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch  | D<br>mm inch  | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|----------------------------------------------------|-----------------|-----------------------------|-----------------------------|---------------|---------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XH D1 A E4 **</b><br><b>18.00 R 25 Tubeless</b> | 123031<br>34710 | 22<br>13.7                  | 163<br>112                  | 525<br>20.7   | 1665<br>65.6  | 760<br>29.9   | 5050<br>198.8 | 47<br>59.2             | 598<br>23.5             | 500<br>132.1         | 13.00/2.5                                       | 15.00/2.5                                 |
| <b>Bar</b>                                         | <b>4</b>        | <b>4.25</b>                 | <b>4.5</b>                  | <b>5</b>      | <b>6</b>      | <b>7</b>      | <b>7.5</b>    |                        |                         |                      |                                                 |                                           |
| <b>Psi</b>                                         | <b>58</b>       | <b>62</b>                   | <b>65</b>                   | <b>73</b>     | <b>87</b>     | <b>102</b>    | <b>109</b>    |                        |                         |                      |                                                 |                                           |
| <b>Machine - Use ( kg - lbs) TRANSPORT</b>         |                 |                             |                             |               |               |               |               |                        |                         |                      |                                                 |                                           |
| STANDARD                                           | 6800<br>14994   | 7100<br>15656               |                             | 7400<br>16317 | 8000<br>17640 | 9250<br>20396 | 9850<br>21719 | 10150<br>22381         |                         |                      |                                                 |                                           |

| COMMERCIAL DESCRIPTION                             | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch  | D<br>mm inch  | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|----------------------------------------------------|-----------------|-----------------------------|-----------------------------|---------------|---------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XH D1 B E4 **</b><br><b>18.00 R 25 Tubeless</b> | 123021<br>34728 | 30<br>18.6                  | 222<br>152                  | 525<br>20.7   | 1665<br>65.6  | 760<br>29.9   | 5050<br>198.8 | 47<br>59.2             | 598<br>23.5             | 500<br>132.1         | 13.00/2.5                                       | 13.00/2.5<br>15.00/2.5IN<br>15.00/2.5     |
| <b>Bar</b>                                         | <b>4</b>        | <b>4.25</b>                 | <b>4.5</b>                  | <b>5</b>      | <b>6</b>      | <b>7</b>      | <b>7.5</b>    |                        |                         |                      |                                                 |                                           |
| <b>Psi</b>                                         | <b>58</b>       | <b>62</b>                   | <b>65</b>                   | <b>73</b>     | <b>87</b>     | <b>102</b>    | <b>109</b>    |                        |                         |                      |                                                 |                                           |
| <b>Machine - Use ( kg - lbs) TRANSPORT</b>         |                 |                             |                             |               |               |               |               |                        |                         |                      |                                                 |                                           |
| STANDARD                                           | 6800<br>14994   | 7100<br>15656               |                             | 7400<br>16317 | 8000<br>17640 | 9250<br>20396 | 9850<br>21719 | 10150<br>22381         |                         |                      |                                                 |                                           |

| COMMERCIAL DESCRIPTION                             | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch  | D<br>mm inch  | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|----------------------------------------------------|-----------------|-----------------------------|-----------------------------|---------------|---------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XK D1 A E4 **</b><br><b>18.00 R 25 Tubeless</b> | 270680<br>12336 | 18<br>11.2                  | 133<br>91                   | 530<br>20.9   | 1668<br>65.7  | 764<br>30.1   | 5064<br>199.4 | 47<br>59.2             | 598<br>23.5             | 495<br>130.8         | 13.00/2.5IN                                     | 13.00/2.5<br>15.00/2.5IN<br>15.00/2.5     |
| <b>Bar</b>                                         | <b>4</b>        | <b>4.25</b>                 | <b>4.5</b>                  | <b>5</b>      | <b>6</b>      | <b>7</b>      | <b>7.5</b>    |                        |                         |                      |                                                 |                                           |
| <b>Psi</b>                                         | <b>58</b>       | <b>62</b>                   | <b>65</b>                   | <b>73</b>     | <b>87</b>     | <b>102</b>    | <b>109</b>    |                        |                         |                      |                                                 |                                           |
| <b>Machine - Use ( kg - lbs) TRANSPORT</b>         |                 |                             |                             |               |               |               |               |                        |                         |                      |                                                 |                                           |
| STANDARD                                           | 6800<br>14994   | 7100<br>15656               |                             | 7400<br>16317 | 8000<br>17640 | 9250<br>20396 | 9850<br>21719 | 10150<br>22381         |                         |                      |                                                 |                                           |

| COMMERCIAL DESCRIPTION                         | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch  | D<br>mm inch  | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|------------------------------------------------|-----------------|-----------------------------|-----------------------------|---------------|---------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XHDT A E4</b><br><b>18.00 R 25 Tubeless</b> | 199475<br>18573 | 23<br>14.3                  | 170<br>116                  | 496<br>19.5   | 1621<br>63.8  | 732<br>28.8   | 4896<br>192.8 | 47<br>59.2             | 587<br>23.1             | 513<br>135.5         | 13.00/2.5IN                                     | 13.00/2.5<br>15.00/2.5IN<br>15.00/2.5     |
| <b>Bar</b>                                     | <b>4</b>        | <b>4.25</b>                 | <b>4.5</b>                  | <b>5</b>      | <b>6</b>      | <b>7</b>      | <b>7.5</b>    |                        |                         |                      |                                                 |                                           |
| <b>Psi</b>                                     | <b>58</b>       | <b>62</b>                   | <b>65</b>                   | <b>73</b>     | <b>87</b>     | <b>102</b>    | <b>109</b>    |                        |                         |                      |                                                 |                                           |
| <b>Machine - Use ( kg - lbs) TRANSPORT</b>     |                 |                             |                             |               |               |               |               |                        |                         |                      |                                                 |                                           |
| STANDARD                                       | 6800<br>14994   | 7100<br>15656               |                             | 7400<br>16317 | 8000<br>17640 | 9250<br>20396 | 9850<br>21719 | 10150<br>22381         |                         |                      |                                                 |                                           |

### TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI

| COMMERCIAL DESCRIPTION                         | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|------------------------------------------------|-----------------|-----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XHDT B E4</b><br><b>18.00 R 25 Tubeless</b> | 714571<br>23787 | 30<br>18.6                  | 222<br>152                  | 496<br>19.5  | 1621<br>63.8 | 732<br>28.8   | 4896<br>192.8 | 47<br>59.2             | 587<br>23.1             | 513<br>135.5         | 13.00/2.5IN                                     | 13.00/2.5<br>15.00/2.5IN<br>15.00/2.5     |

|                                            |                      |                      |  |                      |                      |                      |  |                      |                       |  |  |  |
|--------------------------------------------|----------------------|----------------------|--|----------------------|----------------------|----------------------|--|----------------------|-----------------------|--|--|--|
| <b>Bar</b>                                 | <b>4</b>             | <b>4.25</b>          |  | <b>4.5</b>           | <b>5</b>             | <b>6</b>             |  | <b>7</b>             | <b>7.5</b>            |  |  |  |
| <b>Psi</b>                                 | <b>58</b>            | <b>62</b>            |  | <b>65</b>            | <b>73</b>            | <b>87</b>            |  | <b>102</b>           | <b>109</b>            |  |  |  |
| <b>Machine - Use ( kg - lbs) TRANSPORT</b> |                      |                      |  |                      |                      |                      |  |                      |                       |  |  |  |
| <b>STANDARD</b>                            | <b>6800</b><br>14994 | <b>7100</b><br>15656 |  | <b>7400</b><br>16317 | <b>8000</b><br>17640 | <b>9250</b><br>20396 |  | <b>9850</b><br>21719 | <b>10150</b><br>22381 |  |  |  |

| COMMERCIAL DESCRIPTION                              | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|-----------------------------------------------------|-----------------|-----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XMINE D2 L5 **</b><br><b>18.00 R 25 Tubeless</b> | 391927<br>31984 | 6<br>3.7                    |                             | 536<br>21.1  | 1656<br>65.2 | 736<br>29     | 4971<br>195.7 | 82<br>103.3            |                         | 460<br>121.5         | 13.00/2.5IN                                     | 13.00/2.5<br>15.00/2.5IN<br>15.00/2.5     |

|                                         |                      |                       |  |                       |                       |                       |  |                       |                       |                       |                       |  |
|-----------------------------------------|----------------------|-----------------------|--|-----------------------|-----------------------|-----------------------|--|-----------------------|-----------------------|-----------------------|-----------------------|--|
| <b>Bar</b>                              | <b>4</b>             | <b>4.5</b>            |  | <b>5</b>              | <b>5.5</b>            | <b>6</b>              |  | <b>7</b>              | <b>7.5</b>            | <b>8</b>              | <b>8.25</b>           |  |
| <b>Psi</b>                              | <b>58</b>            | <b>65</b>             |  | <b>73</b>             | <b>80</b>             | <b>87</b>             |  | <b>102</b>            | <b>109</b>            | <b>116</b>            | <b>120</b>            |  |
| <b>Machine - Use ( kg - lbs) LOADER</b> |                      |                       |  |                       |                       |                       |  |                       |                       |                       |                       |  |
| <b>FRONT LADEN</b>                      | <b>9250</b><br>20396 | <b>10000</b><br>22050 |  | <b>10900</b><br>24035 | <b>11800</b><br>26019 | <b>12500</b><br>27563 |  | <b>14000</b><br>30870 | <b>15000</b><br>33075 | <b>15550</b><br>34288 | <b>16000</b><br>35280 |  |
| <b>REAR UNLADEN</b>                     | <b>7400</b><br>16317 | <b>8000</b><br>17640  |  | <b>8720</b><br>19228  | <b>9450</b><br>20837  | <b>10000</b><br>22050 |  | <b>11200</b><br>24696 | <b>12000</b><br>26460 | <b>12450</b><br>27452 | <b>12800</b><br>28224 |  |

|                                                                |                      |                      |  |                      |                       |                       |  |                       |                       |                       |                       |  |
|----------------------------------------------------------------|----------------------|----------------------|--|----------------------|-----------------------|-----------------------|--|-----------------------|-----------------------|-----------------------|-----------------------|--|
| <b>Machine - Use ( kg - lbs) UNDERGROUND TRANSPORT MACHINE</b> |                      |                      |  |                      |                       |                       |  |                       |                       |                       |                       |  |
| <b>ALL AXLES</b>                                               | <b>8250</b><br>18191 | <b>9000</b><br>19845 |  | <b>9750</b><br>21499 | <b>10600</b><br>23373 | <b>11200</b><br>24696 |  | <b>12500</b><br>27563 | <b>13200</b><br>29106 | <b>14000</b><br>30870 | <b>14200</b><br>31311 |  |

| COMMERCIAL DESCRIPTION                              | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|-----------------------------------------------------|-----------------|-----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XSM D2+ L5S **</b><br><b>18.00 R 25 Tubeless</b> | 686348<br>41606 | 4<br>2.5                    |                             | 507<br>20    | 1655<br>65.2 | 743<br>29.3   | 4988<br>196.4 | 96<br>120.9            |                         | 440<br>116.2         | 13.00/2.5IN                                     | 13.00/2.5<br>15.00/2.5IN<br>15.00/2.5     |

|                                         |                      |                       |  |                       |                       |                       |  |                       |                       |                       |                       |  |
|-----------------------------------------|----------------------|-----------------------|--|-----------------------|-----------------------|-----------------------|--|-----------------------|-----------------------|-----------------------|-----------------------|--|
| <b>Bar</b>                              | <b>4</b>             | <b>4.5</b>            |  | <b>5</b>              | <b>5.5</b>            | <b>6</b>              |  | <b>7</b>              | <b>7.5</b>            | <b>8</b>              | <b>8.25</b>           |  |
| <b>Psi</b>                              | <b>58</b>            | <b>65</b>             |  | <b>73</b>             | <b>80</b>             | <b>87</b>             |  | <b>102</b>            | <b>109</b>            | <b>116</b>            | <b>120</b>            |  |
| <b>Machine - Use ( kg - lbs) LOADER</b> |                      |                       |  |                       |                       |                       |  |                       |                       |                       |                       |  |
| <b>FRONT LADEN</b>                      | <b>9250</b><br>20396 | <b>10000</b><br>22050 |  | <b>10900</b><br>24035 | <b>11800</b><br>26019 | <b>12500</b><br>27563 |  | <b>14000</b><br>30870 | <b>15000</b><br>33075 | <b>15550</b><br>34288 | <b>16000</b><br>35280 |  |
| <b>REAR UNLADEN</b>                     | <b>7400</b><br>16317 | <b>8000</b><br>17640  |  | <b>8720</b><br>19228  | <b>9450</b><br>20837  | <b>10000</b><br>22050 |  | <b>11200</b><br>24696 | <b>12000</b><br>26460 | <b>12450</b><br>27452 | <b>12800</b><br>28224 |  |

| COMMERCIAL DESCRIPTION                                 | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|--------------------------------------------------------|-----------------|-----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XSM D2+ LC L5S **</b><br><b>18.00 R 25 Tubeless</b> | 694482<br>32651 | 6<br>3.7                    |                             | 509<br>20    | 1612<br>63.5 | 723<br>28.5   | 4856<br>191.2 | 78<br>98.3             |                         | 437<br>115.5         | 13.00/2.5IN                                     | 13.00/2.5<br>15.00/2.5IN<br>15.00/2.5     |

|                                         |                      |                       |  |                       |                       |                       |  |                       |                       |                       |                       |  |
|-----------------------------------------|----------------------|-----------------------|--|-----------------------|-----------------------|-----------------------|--|-----------------------|-----------------------|-----------------------|-----------------------|--|
| <b>Bar</b>                              | <b>4</b>             | <b>4.5</b>            |  | <b>5</b>              | <b>5.5</b>            | <b>6</b>              |  | <b>7</b>              | <b>7.5</b>            | <b>8</b>              | <b>8.25</b>           |  |
| <b>Psi</b>                              | <b>58</b>            | <b>65</b>             |  | <b>73</b>             | <b>80</b>             | <b>87</b>             |  | <b>102</b>            | <b>109</b>            | <b>116</b>            | <b>120</b>            |  |
| <b>Machine - Use ( kg - lbs) LOADER</b> |                      |                       |  |                       |                       |                       |  |                       |                       |                       |                       |  |
| <b>FRONT LADEN</b>                      | <b>9250</b><br>20396 | <b>10000</b><br>22050 |  | <b>10900</b><br>24035 | <b>11800</b><br>26019 | <b>12500</b><br>27563 |  | <b>14000</b><br>30870 | <b>15000</b><br>33075 | <b>15550</b><br>34288 | <b>16000</b><br>35280 |  |
| <b>REAR UNLADEN</b>                     | <b>7400</b><br>16317 | <b>8000</b><br>17640  |  | <b>8720</b><br>19228  | <b>9450</b><br>20837  | <b>10000</b><br>22050 |  | <b>11200</b><br>24696 | <b>12000</b><br>26460 | <b>12450</b><br>27452 | <b>12800</b><br>28224 |  |

### TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI

| COMMERCIAL DESCRIPTION                                              | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch   | D<br>mm inch   | R'<br>mm inch  | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|---------------------------------------------------------------------|-----------------|----------------------------|-----------------------------|----------------|----------------|----------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XMINE D2 PRO L5 ***<br/>18.00 R 25 Tubeless</b>                  | 153322<br>08541 | 6<br>3.7                   |                             | 532<br>20.9    | 1665<br>65.6   | 737<br>29      | 4992<br>196.5  | 82<br>103.3            |                         | 460<br>121.5         | 13.00/2.5IN                                     | 13.00/2.5<br>15.00/2.5IN<br>15.00/2.5     |
| <b>Bar</b>                                                          | <b>4</b>        | <b>4.5</b>                 |                             | <b>5</b>       | <b>5.5</b>     | <b>6</b>       | <b>7</b>       | <b>7.5</b>             |                         | <b>8</b>             | <b>8.25</b>                                     | <b>8.5</b>                                |
| <b>Psi</b>                                                          | <b>58</b>       | <b>65</b>                  |                             | <b>73</b>      | <b>80</b>      | <b>87</b>      | <b>102</b>     | <b>109</b>             |                         | <b>116</b>           | <b>120</b>                                      | <b>123</b>                                |
| <b>Machine - Use ( kg - lbs)      LOADERS</b>                       |                 |                            |                             |                |                |                |                |                        |                         |                      |                                                 |                                           |
| <b>FRONT LADEN</b>                                                  | 9250<br>20396   | 10000<br>22050             |                             | 10900<br>24035 | 11800<br>26019 | 12500<br>27563 | 14000<br>30870 | 15000<br>33075         |                         | 15550<br>34288       | 16000<br>35280                                  | 17000<br>37485                            |
| <b>REAR UNLADEN</b>                                                 | 7400<br>16317   | 8000<br>17640              |                             | 8720<br>19228  | 9440<br>20815  | 10000<br>22050 | 11200<br>24696 | 12000<br>26460         |                         | 12440<br>27430       | 12800<br>28224                                  | 13600<br>29988                            |
| <b>Machine - Use ( kg - lbs)      UNDERGROUND TRANSPORT MACHINE</b> |                 |                            |                             |                |                |                |                |                        |                         |                      |                                                 |                                           |
| <b>ALL AXLES</b>                                                    | 8250<br>18191   | 9000<br>19845              |                             | 9750<br>21499  | 10600<br>23373 | 11200<br>24696 | 12500<br>27563 | 13200<br>29106         |                         | 14000<br>30870       | 14200<br>31311                                  | 15000<br>33075                            |

| COMMERCIAL DESCRIPTION                            | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch   | D<br>mm inch   | R'<br>mm inch  | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|---------------------------------------------------|-----------------|----------------------------|-----------------------------|----------------|----------------|----------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XSMD2+ PRO L5S ***<br/>18.00 R 25 Tubeless</b> | 003438<br>57386 | 4<br>2.5                   |                             | 508<br>20      | 1653<br>65.1   | 738<br>29.1    | 4972<br>195.7  | 96<br>120.9            |                         | 440<br>116.2         | 13.00/2.5IN                                     | 13.00/2.5<br>15.00/2.5IN<br>15.00/2.5     |
| <b>Bar</b>                                        | <b>4</b>        | <b>4.5</b>                 |                             | <b>5</b>       | <b>5.5</b>     | <b>6</b>       | <b>7</b>       | <b>7.5</b>             |                         | <b>8</b>             | <b>8.25</b>                                     | <b>8.5</b>                                |
| <b>Psi</b>                                        | <b>58</b>       | <b>65</b>                  |                             | <b>73</b>      | <b>80</b>      | <b>87</b>      | <b>102</b>     | <b>109</b>             |                         | <b>116</b>           | <b>120</b>                                      | <b>123</b>                                |
| <b>Machine - Use ( kg - lbs)      LOADERS</b>     |                 |                            |                             |                |                |                |                |                        |                         |                      |                                                 |                                           |
| <b>FRONT LADEN</b>                                | 9250<br>20396   | 10000<br>22050             |                             | 10900<br>24035 | 11800<br>26019 | 12500<br>27563 | 14000<br>30870 | 15000<br>33075         |                         | 15550<br>34288       | 16000<br>35280                                  | 17000<br>37485                            |
| <b>REAR UNLADEN</b>                               | 7400<br>16317   | 8000<br>17640              |                             | 8720<br>19228  | 9440<br>20815  | 10000<br>22050 | 11200<br>24696 | 12000<br>26460         |                         | 12440<br>27430       | 12800<br>28224                                  | 13600<br>29988                            |

| COMMERCIAL DESCRIPTION                                                        | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch  | D<br>mm inch  | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|-------------------------------------------------------------------------------|-----------------|----------------------------|-----------------------------|---------------|---------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XV C E2 186E<br/>18.00 R 25 Tubeless (8 - 9)</b>                           | 123491<br>01255 | 50<br>31.1                 | 284<br>195                  | 496<br>19.5   | 1622<br>63.9  | 743<br>29.3   | 4925<br>193.9 | 26<br>32.8             | 641<br>25.2             | 563<br>148.7         | 13.00/2.5IN                                     | 13.00/2.5<br>15.00/2.5IN<br>15.00/2.5     |
| <b>Bar</b>                                                                    | <b>2</b>        | <b>3</b>                   |                             | <b>4</b>      | <b>5</b>      | <b>6</b>      | <b>7</b>      | <b>7.5</b>             |                         | <b>8</b>             | <b>9</b>                                        |                                           |
| <b>Psi</b>                                                                    | <b>29</b>       | <b>44</b>                  |                             | <b>58</b>     | <b>73</b>     | <b>87</b>     | <b>102</b>    | <b>109</b>             |                         | <b>116</b>           | <b>131</b>                                      |                                           |
| <b>Machine - Use ( kg - lbs)      CRANES AND SIMILAR SPECIALIZED MACHINES</b> |                 |                            |                             |               |               |               |               |                        |                         |                      |                                                 |                                           |
| <b>30 KM/H<br/>19 MPH</b>                                                     | 3700<br>8159    | 5200<br>11466              |                             | 6300<br>13892 | 7400<br>16317 | 8650<br>19073 | 9900<br>21830 | 10500<br>23153         |                         | 11100<br>24476       | 12400<br>27342                                  |                                           |
| <b>40 KM/H<br/>25 MPH</b>                                                     | 3525<br>7773    | 4950<br>10915              |                             | 6000<br>13230 | 7050<br>15545 | 8250<br>18191 | 9400<br>20727 | 10000<br>22050         |                         | 10600<br>23373       | 11800<br>26019                                  |                                           |
| <b>50 KM/H<br/>31 MPH</b>                                                     | 3375<br>7442    | 4725<br>10419              |                             | 5700<br>12569 | 6750<br>14884 | 7850<br>17309 | 8950<br>19735 | 9525<br>21003          |                         | 10100<br>22271       | 11200<br>24696                                  |                                           |
| <b>65 KM/H<br/>40 MPH</b>                                                     | 3050<br>6725    | 4275<br>9426               |                             | 5200<br>11466 | 6100<br>13451 | 7100<br>15656 | 8150<br>17971 | 8650<br>19073          |                         | 9150<br>20176        | 10200<br>22491                                  |                                           |
| <b>70 KM/H<br/>43 MPH</b>                                                     | 2850<br>6284    | 4000<br>8820               |                             | 4850<br>10694 | 5700<br>12569 | 6650<br>14663 | 7600<br>16758 | 8075<br>17805          |                         | 8550<br>18853        | 9500<br>20948                                   |                                           |
| <b>80 KM/H<br/>50 MPH</b>                                                     | 2325<br>5127    | 3275<br>7221               |                             | 3975<br>8765  | 4675<br>10308 | 5450<br>12017 | 6250<br>13781 | 6625<br>14608          |                         | 7000<br>15435        | 7800<br>17199                                   |                                           |
| <b>90 KM/H<br/>56 MPH</b>                                                     | 2000<br>4410    | 2800<br>6174               |                             | 3400<br>7497  | 4000<br>8820  | 4650<br>10253 | 5300<br>11687 | 5650<br>12458          |                         | 6000<br>13230        | 6650<br>14663                                   |                                           |
| <b>100 KM/H<br/>62 MPH</b>                                                    | 1700<br>3749    | 2400<br>5292               |                             | 2900<br>6395  | 3400<br>7497  | 4000<br>8820  | 4550<br>10033 | 4750<br>10474          |                         | 5150<br>11356        | 5700<br>12569                                   |                                           |

### TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI

| COMMERCIAL DESCRIPTION                     | CAI MSPN      | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims                 |
|--------------------------------------------|---------------|----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-----------------------------------------------------------|
| <b>XVC 183E</b>                            | <b>565628</b> | <b>50</b>                  | <b>284</b>                  | <b>498</b>   | <b>1610</b>  | <b>743</b>    | <b>4902</b>   | <b>26</b>              |                         | <b>576</b>           | <b>13.00/2.5IN</b>                              | <b>13.00/2.5</b>                                          |
| <b>505/95 R 25 Tubeless <sup>(3)</sup></b> | <b>67579</b>  | <b>31.1</b>                | <b>195</b>                  | <b>19.6</b>  | <b>63.4</b>  | <b>29.3</b>   | <b>193</b>    | <b>32.8</b>            |                         | <b>152.2</b>         |                                                 | <b>10.0/2.0</b><br><b>15.00/2.5IN</b><br><b>15.00/2.5</b> |

|            |           |           |            |            |            |
|------------|-----------|-----------|------------|------------|------------|
| <b>Bar</b> | <b>5</b>  | <b>6</b>  | <b>7</b>   | <b>8</b>   | <b>9</b>   |
| <b>Psi</b> | <b>73</b> | <b>87</b> | <b>102</b> | <b>116</b> | <b>131</b> |

| Machine - Use ( kg - lbs) | CRANES AND SIMILAR SPECIALIZED MACHINES |              |              |              |              |
|---------------------------|-----------------------------------------|--------------|--------------|--------------|--------------|
| <b>30 KM/H</b>            | <b>6435</b>                             | <b>7670</b>  | <b>8905</b>  | <b>10140</b> | <b>11375</b> |
| <b>19 MPH</b>             | <b>14189</b>                            | <b>16912</b> | <b>19636</b> | <b>22359</b> | <b>25082</b> |
| <b>40 KM/H</b>            | <b>6140</b>                             | <b>7315</b>  | <b>8495</b>  | <b>9670</b>  | <b>10850</b> |
| <b>25 MPH</b>             | <b>13539</b>                            | <b>16130</b> | <b>18731</b> | <b>21322</b> | <b>23924</b> |
| <b>50 KM/H</b>            | <b>5840</b>                             | <b>6960</b>  | <b>8085</b>  | <b>9205</b>  | <b>10325</b> |
| <b>31 MPH</b>             | <b>12877</b>                            | <b>15347</b> | <b>17827</b> | <b>20297</b> | <b>22767</b> |
| <b>60 KM/H</b>            | <b>5545</b>                             | <b>6610</b>  | <b>7670</b>  | <b>8730</b>  | <b>9800</b>  |
| <b>37 MPH</b>             | <b>12227</b>                            | <b>14575</b> | <b>16912</b> | <b>19250</b> | <b>21609</b> |
| <b>65 KM/H</b>            | <b>5245</b>                             | <b>6255</b>  | <b>7260</b>  | <b>8270</b>  | <b>9275</b>  |
| <b>40 MPH</b>             | <b>11565</b>                            | <b>13792</b> | <b>16008</b> | <b>18235</b> | <b>20451</b> |
| <b>70 KM/H</b>            | <b>4950</b>                             | <b>5900</b>  | <b>6850</b>  | <b>7800</b>  | <b>8750</b>  |
| <b>43 MPH</b>             | <b>10915</b>                            | <b>13010</b> | <b>15104</b> | <b>17199</b> | <b>19294</b> |
| <b>80 KM/H</b>            | <b>4060</b>                             | <b>4840</b>  | <b>5615</b>  | <b>6390</b>  | <b>7175</b>  |
| <b>50 MPH</b>             | <b>8952</b>                             | <b>10672</b> | <b>12381</b> | <b>14090</b> | <b>15821</b> |
| <b>90 KM/H</b>            | <b>3465</b>                             | <b>4130</b>  | <b>4795</b>  | <b>5460</b>  | <b>6125</b>  |
| <b>56 MPH</b>             | <b>7640</b>                             | <b>9107</b>  | <b>10573</b> | <b>12039</b> | <b>13506</b> |
| <b>100 KM/H</b>           | <b>2970</b>                             | <b>3540</b>  | <b>4110</b>  | <b>4680</b>  | <b>5250</b>  |
| <b>62 MPH</b>             | <b>6549</b>                             | <b>7806</b>  | <b>9063</b>  | <b>10319</b> | <b>11576</b> |

| COMMERCIAL DESCRIPTION    | CAI MSPN      | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|---------------------------|---------------|----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XADN E3T ** 177B</b>   | <b>123407</b> | <b>28</b>                  | <b>164</b>                  | <b>528</b>   | <b>1490</b>  | <b>667</b>    | <b>4485</b>   | <b>36</b>              |                         | <b>474</b>           | <b>17.00/2.0</b>                                |                                           |
| <b>20.5 R 25 Tubeless</b> | <b>23290</b>  | <b>17.4</b>                | <b>112</b>                  | <b>20.8</b>  | <b>58.7</b>  | <b>26.3</b>   | <b>176.6</b>  | <b>45.4</b>            |                         | <b>125.2</b>         |                                                 |                                           |

|            |           |            |           |            |           |             |            |
|------------|-----------|------------|-----------|------------|-----------|-------------|------------|
| <b>Bar</b> | <b>2</b>  | <b>2.5</b> | <b>3</b>  | <b>3.5</b> | <b>4</b>  | <b>4.25</b> | <b>4.5</b> |
| <b>Psi</b> | <b>29</b> | <b>36</b>  | <b>44</b> | <b>51</b>  | <b>58</b> | <b>62</b>   | <b>65</b>  |

| Machine - Use ( kg - lbs) | ARTICULATED DUMP TRUCKS |              |              |              |              |
|---------------------------|-------------------------|--------------|--------------|--------------|--------------|
| <b>STANDARD</b>           | <b>4750</b>             | <b>5250</b>  | <b>5750</b>  | <b>6250</b>  | <b>6800</b>  |
|                           | <b>10474</b>            | <b>11576</b> | <b>12679</b> | <b>13781</b> | <b>14994</b> |
|                           |                         |              |              |              | <b>7050</b>  |
|                           |                         |              |              |              | <b>15545</b> |
|                           |                         |              |              |              | <b>7300</b>  |
|                           |                         |              |              |              | <b>16097</b> |

| COMMERCIAL DESCRIPTION    | CAI MSPN      | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|---------------------------|---------------|----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XSNOPLUS L2T *</b>     | <b>123795</b> | <b>16</b>                  |                             | <b>534</b>   | <b>1471</b>  | <b>632</b>    | <b>4362</b>   | <b>31</b>              |                         | <b>500</b>           | <b>17.00/1.7</b>                                | <b>17.00/2.0</b>                          |
| <b>20.5 R 25 Tubeless</b> | <b>62408</b>  | <b>9.9</b>                 |                             | <b>21</b>    | <b>57.9</b>  | <b>24.9</b>   | <b>171.7</b>  | <b>39.1</b>            |                         | <b>132.1</b>         |                                                 |                                           |

|            |           |            |           |            |             |            |
|------------|-----------|------------|-----------|------------|-------------|------------|
| <b>Bar</b> | <b>2</b>  | <b>2.5</b> | <b>3</b>  | <b>3.5</b> | <b>4.25</b> | <b>4.5</b> |
| <b>Psi</b> | <b>29</b> | <b>36</b>  | <b>44</b> | <b>51</b>  | <b>62</b>   | <b>65</b>  |

| Machine - Use ( kg - lbs) | LOADERS      |              |              |              |              |
|---------------------------|--------------|--------------|--------------|--------------|--------------|
| <b>FRONT LADEN</b>        | <b>6250</b>  | <b>7000</b>  | <b>7700</b>  | <b>8400</b>  | <b>9500</b>  |
|                           | <b>13781</b> | <b>15435</b> | <b>16979</b> | <b>18522</b> | <b>20948</b> |
| <b>REAR UNLADEN</b>       | <b>5000</b>  | <b>5600</b>  | <b>6150</b>  | <b>6700</b>  | <b>7600</b>  |
|                           | <b>11025</b> | <b>12348</b> | <b>13561</b> | <b>14774</b> | <b>16758</b> |
|                           |              |              |              |              | <b>17420</b> |

| Machine - Use ( kg - lbs) | GRADERS     |             |              |  |  |
|---------------------------|-------------|-------------|--------------|--|--|
| <b>ALL AXLES</b>          | <b>3600</b> | <b>4125</b> | <b>4625</b>  |  |  |
|                           | <b>7938</b> | <b>9096</b> | <b>10198</b> |  |  |



### TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI

| COMMERCIAL DESCRIPTION                                        | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|---------------------------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XTL A L2 *</b><br><b>20.5 R 25 Tubeless <sup>(5)</sup></b> | 123435<br>09122 | 16<br>9.9                  |                             | 532<br>20.9  | 1480<br>58.3 | 637<br>25.1   | 4391<br>172.9 | 31<br>39.1             |                         | 500<br>132.1         | 17.00/1.7                                       | 17.00/2.0                                 |

|            |           |            |           |            |             |            |  |  |  |  |  |  |
|------------|-----------|------------|-----------|------------|-------------|------------|--|--|--|--|--|--|
| <b>Bar</b> | <b>2</b>  | <b>2.5</b> | <b>3</b>  | <b>3.5</b> | <b>4.25</b> | <b>4.5</b> |  |  |  |  |  |  |
| <b>Psi</b> | <b>29</b> | <b>36</b>  | <b>44</b> | <b>51</b>  | <b>62</b>   | <b>65</b>  |  |  |  |  |  |  |

#### Machine - Use ( kg - lbs) **LOADERS**

|                     |               |               |               |               |               |               |  |  |  |  |  |  |
|---------------------|---------------|---------------|---------------|---------------|---------------|---------------|--|--|--|--|--|--|
| <b>FRONT LADEN</b>  | 6250<br>13781 | 7000<br>15435 | 7700<br>16979 | 8400<br>18522 | 9500<br>20948 | 9900<br>21830 |  |  |  |  |  |  |
| <b>REAR UNLADEN</b> | 5000<br>11025 | 5600<br>12348 | 6150<br>13561 | 6700<br>14774 | 7600<br>16758 | 7900<br>17420 |  |  |  |  |  |  |

#### Machine - Use ( kg - lbs) **GRADERS**

|                  |              |              |               |  |  |  |  |  |  |  |  |  |
|------------------|--------------|--------------|---------------|--|--|--|--|--|--|--|--|--|
| <b>ALL AXLES</b> | 3600<br>7938 | 4125<br>9096 | 4625<br>10198 |  |  |  |  |  |  |  |  |  |
|------------------|--------------|--------------|---------------|--|--|--|--|--|--|--|--|--|

| COMMERCIAL DESCRIPTION                               | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|------------------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XHA2 L3 ** 186A2</b><br><b>20.5 R 25 Tubeless</b> | 899613<br>84298 | 16<br>9.9                  |                             | 528<br>20.8  | 1486<br>58.5 | 644<br>25.4   | 4420<br>174   | 33<br>41.6             |                         | 489<br>129.2         | 17.00/1.7                                       | 17.00/2.0                                 |

|            |           |            |           |            |             |            |  |  |  |  |  |  |
|------------|-----------|------------|-----------|------------|-------------|------------|--|--|--|--|--|--|
| <b>Bar</b> | <b>2</b>  | <b>2.5</b> | <b>3</b>  | <b>3.5</b> | <b>4.25</b> | <b>4.5</b> |  |  |  |  |  |  |
| <b>Psi</b> | <b>29</b> | <b>36</b>  | <b>44</b> | <b>51</b>  | <b>62</b>   | <b>65</b>  |  |  |  |  |  |  |

#### Machine - Use ( kg - lbs) **LOADERS**

|                     |               |               |               |               |               |               |  |  |  |  |  |  |
|---------------------|---------------|---------------|---------------|---------------|---------------|---------------|--|--|--|--|--|--|
| <b>FRONT LADEN</b>  | 6250<br>13781 | 7000<br>15435 | 7700<br>16979 | 8400<br>18522 | 9500<br>20948 | 9900<br>21830 |  |  |  |  |  |  |
| <b>REAR UNLADEN</b> | 5000<br>11025 | 5600<br>12348 | 6150<br>13561 | 6700<br>14774 | 7600<br>16758 | 7900<br>17420 |  |  |  |  |  |  |

#### Machine - Use ( kg - lbs) **GRADERS**

|                  |              |              |               |  |  |  |  |  |  |  |  |  |
|------------------|--------------|--------------|---------------|--|--|--|--|--|--|--|--|--|
| <b>ALL AXLES</b> | 3600<br>7938 | 4125<br>9096 | 4625<br>10198 |  |  |  |  |  |  |  |  |  |
|------------------|--------------|--------------|---------------|--|--|--|--|--|--|--|--|--|

| COMMERCIAL DESCRIPTION                         | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|------------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XK A L3 **</b><br><b>20.5 R 25 Tubeless</b> | 263460<br>01565 | 14<br>8.7                  |                             | 560<br>22    | 1486<br>58.5 | 655<br>25.8   | 4447<br>175.1 | 28<br>35.3             |                         | 485<br>128.1         | 17.00/1.7<br>17.00/2.0                          |                                           |

|            |           |            |           |            |             |            |           |            |  |  |  |  |
|------------|-----------|------------|-----------|------------|-------------|------------|-----------|------------|--|--|--|--|
| <b>Bar</b> | <b>2</b>  | <b>2.5</b> | <b>3</b>  | <b>3.5</b> | <b>4.25</b> | <b>4.5</b> | <b>5</b>  | <b>5.5</b> |  |  |  |  |
| <b>Psi</b> | <b>29</b> | <b>36</b>  | <b>44</b> | <b>51</b>  | <b>62</b>   | <b>65</b>  | <b>73</b> | <b>80</b>  |  |  |  |  |

#### Machine - Use ( kg - lbs) **LOADER**

|                     |               |               |               |               |               |               |                |                |  |  |  |  |
|---------------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|----------------|--|--|--|--|
| <b>FRONT LADEN</b>  | 6250<br>13781 | 7000<br>15435 | 7700<br>16979 | 8400<br>18522 | 9500<br>20948 | 9900<br>21830 | 10700<br>23594 | 11500<br>25358 |  |  |  |  |
| <b>REAR UNLADEN</b> | 5000<br>11025 | 5600<br>12348 | 6150<br>13561 | 6700<br>14774 | 7600<br>16758 | 7900<br>17420 | 8550<br>18853  | 9180<br>20242  |  |  |  |  |

#### Machine - Use ( kg - lbs) **UNDERGROUND TRANSPORT MACHINE**

|                  |  |  |               |               |               |               |               |               |  |  |  |  |
|------------------|--|--|---------------|---------------|---------------|---------------|---------------|---------------|--|--|--|--|
| <b>ALL AXLES</b> |  |  | 5600<br>12348 | 6300<br>13892 | 7300<br>16097 | 7750<br>17089 | 8250<br>18191 | 9000<br>19845 |  |  |  |  |
|------------------|--|--|---------------|---------------|---------------|---------------|---------------|---------------|--|--|--|--|

| COMMERCIAL DESCRIPTION                             | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|----------------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XLD D2 A L5T *</b><br><b>20.5 R 25 Tubeless</b> | 123325<br>79084 | 10<br>6.2                  |                             | 534<br>21    | 1530<br>60.2 | 674<br>26.5   | 4578<br>180.2 | 72<br>90.7             |                         | 427<br>112.8         | 17.00/1.7                                       | 17.00/2.0                                 |

|            |           |            |           |            |             |            |  |  |  |  |  |  |
|------------|-----------|------------|-----------|------------|-------------|------------|--|--|--|--|--|--|
| <b>Bar</b> | <b>2</b>  | <b>2.5</b> | <b>3</b>  | <b>3.5</b> | <b>4.25</b> | <b>4.5</b> |  |  |  |  |  |  |
| <b>Psi</b> | <b>29</b> | <b>36</b>  | <b>44</b> | <b>51</b>  | <b>62</b>   | <b>65</b>  |  |  |  |  |  |  |

#### Machine - Use ( kg - lbs) **LOADERS**

|                     |               |               |               |               |               |               |  |  |  |  |  |  |
|---------------------|---------------|---------------|---------------|---------------|---------------|---------------|--|--|--|--|--|--|
| <b>FRONT LADEN</b>  | 6250<br>13781 | 7000<br>15435 | 7700<br>16979 | 8400<br>18522 | 9500<br>20948 | 9900<br>21830 |  |  |  |  |  |  |
| <b>REAR UNLADEN</b> | 5000<br>11025 | 5600<br>12348 | 6150<br>13561 | 6700<br>14774 | 7600<br>16758 | 7900<br>17420 |  |  |  |  |  |  |

#### Machine - Use ( kg - lbs) **GRADERS**

|                  |              |              |               |  |  |  |  |  |  |  |  |  |
|------------------|--------------|--------------|---------------|--|--|--|--|--|--|--|--|--|
| <b>ALL AXLES</b> | 3600<br>7938 | 4125<br>9096 | 4625<br>10198 |  |  |  |  |  |  |  |  |  |
|------------------|--------------|--------------|---------------|--|--|--|--|--|--|--|--|--|

#### Machine - Use ( kg - lbs) **UNDERGROUND TRANSPORT MACHINE**

|                  |  |  |               |               |               |               |               |               |  |  |  |  |
|------------------|--|--|---------------|---------------|---------------|---------------|---------------|---------------|--|--|--|--|
| <b>ALL AXLES</b> |  |  | 5600<br>12348 | 6300<br>13892 | 7300<br>16097 | 7750<br>17089 | 8250<br>18191 | 9000<br>19845 |  |  |  |  |
|------------------|--|--|---------------|---------------|---------------|---------------|---------------|---------------|--|--|--|--|

### TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI

| COMMERCIAL DESCRIPTION    | CAI MSPN      | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|---------------------------|---------------|----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XMINE D2 L5 **</b>     | <b>353968</b> | <b>6</b>                   |                             | <b>562</b>   | <b>1535</b>  | <b>701</b>    | <b>4656</b>   | <b>74</b>              |                         | <b>447</b>           | <b>17.00/1.7</b>                                |                                           |
| <b>20.5 R 25 Tubeless</b> | <b>43492</b>  | <b>3.7</b>                 |                             | <b>22.1</b>  | <b>60.4</b>  | <b>27.6</b>   | <b>183.3</b>  | <b>93.2</b>            |                         | <b>118.1</b>         | <b>17.00/2.0</b>                                |                                           |

|            |           |            |  |           |            |           |            |           |            |  |  |  |
|------------|-----------|------------|--|-----------|------------|-----------|------------|-----------|------------|--|--|--|
| <b>Bar</b> | <b>3</b>  | <b>3.5</b> |  | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>6.5</b> |  |  |  |
| <b>Psi</b> | <b>44</b> | <b>51</b>  |  | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  | <b>87</b> | <b>94</b>  |  |  |  |

#### Machine - Use ( kg - lbs) LOADERS

|                     |              |              |              |              |              |              |              |              |  |  |  |  |
|---------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--|--|--|--|
| <b>FRONT LADEN</b>  | <b>6300</b>  | <b>7100</b>  | <b>8000</b>  | <b>8750</b>  | <b>9500</b>  | <b>10000</b> | <b>10900</b> | <b>11500</b> |  |  |  |  |
|                     | <b>13892</b> | <b>15656</b> | <b>17640</b> | <b>19294</b> | <b>20948</b> | <b>22050</b> | <b>24035</b> | <b>25358</b> |  |  |  |  |
| <b>REAR UNLADEN</b> | <b>5040</b>  | <b>5680</b>  | <b>6400</b>  | <b>7000</b>  | <b>7600</b>  | <b>8000</b>  | <b>8720</b>  | <b>9200</b>  |  |  |  |  |
|                     | <b>11113</b> | <b>12524</b> | <b>14112</b> | <b>15435</b> | <b>16758</b> | <b>17640</b> | <b>19228</b> | <b>20286</b> |  |  |  |  |

#### Machine - Use ( kg - lbs) UNDERGROUND TRANSPORT MACHINE

|                  |              |              |              |              |              |              |              |              |  |  |  |  |
|------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--|--|--|--|
| <b>ALL AXLES</b> | <b>5600</b>  | <b>6300</b>  | <b>7100</b>  | <b>7750</b>  | <b>8250</b>  | <b>9000</b>  | <b>9500</b>  | <b>10000</b> |  |  |  |  |
|                  | <b>12348</b> | <b>13892</b> | <b>15656</b> | <b>17089</b> | <b>18191</b> | <b>19845</b> | <b>20948</b> | <b>22050</b> |  |  |  |  |

| COMMERCIAL DESCRIPTION     | CAI MSPN      | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|----------------------------|---------------|----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XMINE D2 PRO L5 ***</b> | <b>539641</b> | <b>6</b>                   |                             | <b>562</b>   | <b>1532</b>  | <b>692</b>    | <b>4627</b>   | <b>74</b>              |                         | <b>447</b>           | <b>17.00/1.7</b>                                | <b>17.00/2.0</b>                          |
| <b>20.5 R 25 Tubeless</b>  | <b>21899</b>  | <b>3.7</b>                 |                             | <b>22.1</b>  | <b>60.3</b>  | <b>27.2</b>   | <b>182.2</b>  | <b>93.2</b>            |                         | <b>118.1</b>         |                                                 |                                           |

|            |           |            |  |           |            |           |            |           |            |            |  |  |
|------------|-----------|------------|--|-----------|------------|-----------|------------|-----------|------------|------------|--|--|
| <b>Bar</b> | <b>3</b>  | <b>3.5</b> |  | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>6.5</b> | <b>7</b>   |  |  |
| <b>Psi</b> | <b>44</b> | <b>51</b>  |  | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  | <b>87</b> | <b>94</b>  | <b>102</b> |  |  |

#### Machine - Use ( kg - lbs) LOADERS

|                     |              |              |              |              |              |              |              |              |              |  |  |  |
|---------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--|--|--|
| <b>FRONT LADEN</b>  | <b>6300</b>  | <b>7100</b>  | <b>8000</b>  | <b>8750</b>  | <b>9500</b>  | <b>10000</b> | <b>10900</b> | <b>11500</b> | <b>13200</b> |  |  |  |
|                     | <b>13892</b> | <b>15656</b> | <b>17640</b> | <b>19294</b> | <b>20948</b> | <b>22050</b> | <b>24035</b> | <b>25358</b> | <b>29106</b> |  |  |  |
| <b>REAR UNLADEN</b> | <b>5040</b>  | <b>5680</b>  | <b>6400</b>  | <b>7000</b>  | <b>7600</b>  | <b>8000</b>  | <b>8720</b>  | <b>9200</b>  | <b>10560</b> |  |  |  |
|                     | <b>11113</b> | <b>12524</b> | <b>14112</b> | <b>15435</b> | <b>16758</b> | <b>17640</b> | <b>19228</b> | <b>20286</b> | <b>23285</b> |  |  |  |

#### Machine - Use ( kg - lbs) UNDERGROUND TRANSPORT MACHINE

|                  |              |              |              |              |              |              |              |              |              |  |  |  |
|------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--|--|--|
| <b>ALL AXLES</b> | <b>5600</b>  | <b>6300</b>  | <b>7100</b>  | <b>7750</b>  | <b>8250</b>  | <b>9000</b>  | <b>9500</b>  | <b>10000</b> | <b>11800</b> |  |  |  |
|                  | <b>12348</b> | <b>13892</b> | <b>15656</b> | <b>17089</b> | <b>18191</b> | <b>19845</b> | <b>20948</b> | <b>22050</b> | <b>26019</b> |  |  |  |

| COMMERCIAL DESCRIPTION    | CAI MSPN      | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|---------------------------|---------------|----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XLDN *</b>             | <b>944959</b> | <b>16</b>                  |                             | <b>525</b>   | <b>1483</b>  | <b>640</b>    | <b>4405</b>   | <b>31</b>              |                         | <b>495</b>           | <b>17.00/2.0</b>                                | <b>17.00/1.7</b>                          |
| <b>20.5 R 25 Tubeless</b> |               | <b>9.9</b>                 |                             | <b>20.7</b>  | <b>58.4</b>  | <b>25.2</b>   | <b>173.4</b>  | <b>39.1</b>            |                         | <b>130.8</b>         |                                                 |                                           |

|            |           |            |  |           |            |             |            |  |  |  |  |  |
|------------|-----------|------------|--|-----------|------------|-------------|------------|--|--|--|--|--|
| <b>Bar</b> | <b>2</b>  | <b>2.5</b> |  | <b>3</b>  | <b>3.5</b> | <b>4.25</b> | <b>4.5</b> |  |  |  |  |  |
| <b>Psi</b> | <b>29</b> | <b>36</b>  |  | <b>44</b> | <b>51</b>  | <b>62</b>   | <b>65</b>  |  |  |  |  |  |

#### Machine - Use ( kg - lbs) LOADER

|                     |              |              |              |              |              |              |  |  |  |  |  |  |
|---------------------|--------------|--------------|--------------|--------------|--------------|--------------|--|--|--|--|--|--|
| <b>FRONT LADEN</b>  | <b>6250</b>  | <b>7000</b>  | <b>7700</b>  | <b>8400</b>  | <b>9500</b>  | <b>9900</b>  |  |  |  |  |  |  |
|                     | <b>13781</b> | <b>15435</b> | <b>16979</b> | <b>18522</b> | <b>20948</b> | <b>21830</b> |  |  |  |  |  |  |
| <b>REAR UNLADEN</b> | <b>5000</b>  | <b>5600</b>  | <b>6150</b>  | <b>6700</b>  | <b>7600</b>  | <b>7900</b>  |  |  |  |  |  |  |
|                     | <b>11025</b> | <b>12348</b> | <b>13561</b> | <b>14774</b> | <b>16758</b> | <b>17420</b> |  |  |  |  |  |  |

### TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI

| COMMERCIAL DESCRIPTION                               | CAI MSPN               | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch       | D<br>mm inch        | R'<br>mm inch      | RC<br>mm inch        | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|------------------------------------------------------|------------------------|-----------------------------|-----------------------------|--------------------|---------------------|--------------------|----------------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>X-CRANE + 176F</b><br><b>525/80 R 25 Tubeless</b> | <b>086926</b><br>33880 | <b>80</b><br>49.7           |                             | <b>528</b><br>20.8 | <b>1482</b><br>58.3 | <b>682</b><br>26.9 | <b>4508</b><br>177.5 | <b>28</b><br>35.3      |                         | <b>500</b><br>132.1  | <b>17.00/1.7 CR</b>                             | <b>17.00/2.0</b>                          |

|            |           |           |            |
|------------|-----------|-----------|------------|
| <b>Bar</b> | <b>5</b>  | <b>6</b>  | <b>7</b>   |
| <b>Psi</b> | <b>73</b> | <b>87</b> | <b>102</b> |

| Machine - Use ( kg - lbs) | CRANES AND SIMILAR SPECIALIZED MACHINES |              |              |  |  |  |  |  |  |  |  |  |
|---------------------------|-----------------------------------------|--------------|--------------|--|--|--|--|--|--|--|--|--|
| <b>30 KM/H</b>            | <b>6700</b>                             | <b>7700</b>  | <b>8900</b>  |  |  |  |  |  |  |  |  |  |
| <i>19 MPH</i>             | <i>14774</i>                            | <i>16979</i> | <i>19625</i> |  |  |  |  |  |  |  |  |  |
| <b>40 KM/H</b>            | <b>6150</b>                             | <b>7100</b>  | <b>8200</b>  |  |  |  |  |  |  |  |  |  |
| <i>25 MPH</i>             | <i>13561</i>                            | <i>15656</i> | <i>18081</i> |  |  |  |  |  |  |  |  |  |
| <b>50 KM/H</b>            | <b>6000</b>                             | <b>6900</b>  | <b>8000</b>  |  |  |  |  |  |  |  |  |  |
| <i>31 MPH</i>             | <i>13230</i>                            | <i>15215</i> | <i>17640</i> |  |  |  |  |  |  |  |  |  |
| <b>60 KM/H</b>            | <b>5900</b>                             | <b>6800</b>  | <b>7850</b>  |  |  |  |  |  |  |  |  |  |
| <i>37 MPH</i>             | <i>13010</i>                            | <i>14994</i> | <i>17309</i> |  |  |  |  |  |  |  |  |  |
| <b>65 KM/H</b>            | <b>5750</b>                             | <b>6650</b>  | <b>7650</b>  |  |  |  |  |  |  |  |  |  |
| <i>40 MPH</i>             | <i>12679</i>                            | <i>14663</i> | <i>16868</i> |  |  |  |  |  |  |  |  |  |
| <b>70 KM/H</b>            | <b>5650</b>                             | <b>6500</b>  | <b>7500</b>  |  |  |  |  |  |  |  |  |  |
| <i>43 MPH</i>             | <i>12458</i>                            | <i>14333</i> | <i>16538</i> |  |  |  |  |  |  |  |  |  |
| <b>80 KM/H</b>            | <b>5350</b>                             | <b>6150</b>  | <b>7100</b>  |  |  |  |  |  |  |  |  |  |
| <i>50 MPH</i>             | <i>11797</i>                            | <i>13561</i> | <i>15656</i> |  |  |  |  |  |  |  |  |  |
| <b>90 KM/H</b>            | <b>5050</b>                             | <b>5800</b>  | <b>6700</b>  |  |  |  |  |  |  |  |  |  |
| <i>56 MPH</i>             | <i>11135</i>                            | <i>12789</i> | <i>14774</i> |  |  |  |  |  |  |  |  |  |
| <b>100 KM/H</b>           | <b>4550</b>                             | <b>5250</b>  | <b>6050</b>  |  |  |  |  |  |  |  |  |  |
| <i>62 MPH</i>             | <i>10033</i>                            | <i>11576</i> | <i>13340</i> |  |  |  |  |  |  |  |  |  |

| COMMERCIAL DESCRIPTION                          | CAI MSPN      | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch       | D<br>mm inch        | R'<br>mm inch      | RC<br>mm inch        | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|-------------------------------------------------|---------------|-----------------------------|-----------------------------|--------------------|---------------------|--------------------|----------------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XL B 179E</b><br><b>525/80 R 25 Tubeless</b> | <b>758060</b> | <b>70</b><br>43.5           |                             | <b>513</b><br>20.2 | <b>1486</b><br>58.5 | <b>678</b><br>26.7 | <b>4505</b><br>177.4 | <b>24</b><br>30.2      |                         | <b>478</b><br>126.3  | <b>17.00/1.7 CR</b>                             | <b>17.00/2.0</b>                          |

|            |           |           |           |           |           |            |
|------------|-----------|-----------|-----------|-----------|-----------|------------|
| <b>Bar</b> | <b>2</b>  | <b>3</b>  | <b>4</b>  | <b>5</b>  | <b>6</b>  | <b>7</b>   |
| <b>Psi</b> | <b>29</b> | <b>44</b> | <b>58</b> | <b>73</b> | <b>87</b> | <b>102</b> |

| Machine - Use ( kg - lbs) | CRANES AND SIMILAR SPECIALIZED MACHINES |              |              |              |              |              |  |  |  |  |  |  |
|---------------------------|-----------------------------------------|--------------|--------------|--------------|--------------|--------------|--|--|--|--|--|--|
| <b>30 KM/H</b>            | <b>3700</b>                             | <b>4950</b>  | <b>6200</b>  | <b>7500</b>  | <b>8800</b>  | <b>10100</b> |  |  |  |  |  |  |
| <i>19 MPH</i>             | <i>8159</i>                             | <i>10915</i> | <i>13671</i> | <i>16538</i> | <i>19404</i> | <i>22271</i> |  |  |  |  |  |  |
| <b>40 KM/H</b>            | <b>3525</b>                             | <b>4700</b>  | <b>5900</b>  | <b>7150</b>  | <b>8350</b>  | <b>9600</b>  |  |  |  |  |  |  |
| <i>25 MPH</i>             | <i>7773</i>                             | <i>10364</i> | <i>13010</i> | <i>15766</i> | <i>18412</i> | <i>21168</i> |  |  |  |  |  |  |
| <b>50 KM/H</b>            | <b>3375</b>                             | <b>4475</b>  | <b>5600</b>  | <b>6800</b>  | <b>7950</b>  | <b>9150</b>  |  |  |  |  |  |  |
| <i>31 MPH</i>             | <i>7442</i>                             | <i>9867</i>  | <i>12348</i> | <i>14994</i> | <i>17530</i> | <i>20176</i> |  |  |  |  |  |  |
| <b>65 KM/H</b>            | <b>3050</b>                             | <b>4075</b>  | <b>5100</b>  | <b>6150</b>  | <b>7200</b>  | <b>8300</b>  |  |  |  |  |  |  |
| <i>40 MPH</i>             | <i>6725</i>                             | <i>8985</i>  | <i>11246</i> | <i>13561</i> | <i>15876</i> | <i>18302</i> |  |  |  |  |  |  |
| <b>70 KM/H</b>            | <b>2850</b>                             | <b>3800</b>  | <b>4750</b>  | <b>5750</b>  | <b>6750</b>  | <b>7750</b>  |  |  |  |  |  |  |
| <i>43 MPH</i>             | <i>6284</i>                             | <i>8379</i>  | <i>10474</i> | <i>12679</i> | <i>14884</i> | <i>17089</i> |  |  |  |  |  |  |
| <b>80 KM/H</b>            | <b>2325</b>                             | <b>3125</b>  | <b>3900</b>  | <b>4725</b>  | <b>5550</b>  | <b>6350</b>  |  |  |  |  |  |  |
| <i>50 MPH</i>             | <i>5127</i>                             | <i>6891</i>  | <i>8600</i>  | <i>10419</i> | <i>12238</i> | <i>14002</i> |  |  |  |  |  |  |
| <b>90 KM/H</b>            | <b>2000</b>                             | <b>2650</b>  | <b>3350</b>  | <b>4050</b>  | <b>4750</b>  | <b>5450</b>  |  |  |  |  |  |  |
| <i>56 MPH</i>             | <i>4410</i>                             | <i>5843</i>  | <i>7387</i>  | <i>8930</i>  | <i>10474</i> | <i>12017</i> |  |  |  |  |  |  |
| <b>100 KM/H</b>           | <b>1700</b>                             | <b>2275</b>  | <b>2850</b>  | <b>3450</b>  | <b>4050</b>  | <b>4650</b>  |  |  |  |  |  |  |
| <i>62 MPH</i>             | <i>3749</i>                             | <i>5016</i>  | <i>6284</i>  | <i>7607</i>  | <i>8930</i>  | <i>10253</i> |  |  |  |  |  |  |

### TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI

| COMMERCIAL DESCRIPTION                          | CAI MSPN | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|-------------------------------------------------|----------|-----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XK A L3 **</b><br><b>21.00 R 25 Tubeless</b> | 270850   | 14<br>8.7                   |                             | 609<br>24    | 1768<br>69.6 | 800<br>31.5   | 5343<br>210.4 | 33<br>41.6             |                         | 700<br>184.9         | 15.00/3.0                                       | 17.00/3.0                                 |

|            |           |           |           |           |           |            |            |  |  |  |  |  |
|------------|-----------|-----------|-----------|-----------|-----------|------------|------------|--|--|--|--|--|
| <b>Bar</b> | <b>2</b>  | <b>3</b>  | <b>4</b>  | <b>5</b>  | <b>6</b>  | <b>7</b>   | <b>8</b>   |  |  |  |  |  |
| <b>Psi</b> | <b>29</b> | <b>44</b> | <b>58</b> | <b>73</b> | <b>87</b> | <b>102</b> | <b>116</b> |  |  |  |  |  |

|                           |                                  |  |  |  |  |  |  |  |  |  |  |  |
|---------------------------|----------------------------------|--|--|--|--|--|--|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>UNDERGROUND MINE MACHINES</b> |  |  |  |  |  |  |  |  |  |  |  |
|---------------------------|----------------------------------|--|--|--|--|--|--|--|--|--|--|--|

|           |               |               |                |                |                |                |                |  |  |  |  |  |
|-----------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|--|--|--|--|--|
| ALL AXLES | 6600<br>14553 | 8500<br>18743 | 10400<br>22932 | 12300<br>27122 | 14250<br>31421 | 15650<br>34508 | 16600<br>36603 |  |  |  |  |  |
|-----------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|--|--|--|--|--|

|            |           |            |           |            |           |            |            |            |            |  |  |  |
|------------|-----------|------------|-----------|------------|-----------|------------|------------|------------|------------|--|--|--|
| <b>Bar</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>6.5</b> | <b>7</b>   | <b>7.5</b> | <b>8</b>   |  |  |  |
| <b>Psi</b> | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  | <b>87</b> | <b>94</b>  | <b>102</b> | <b>109</b> | <b>116</b> |  |  |  |

|                           |                  |  |  |  |  |  |  |  |  |  |  |  |
|---------------------------|------------------|--|--|--|--|--|--|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>TRANSPORT</b> |  |  |  |  |  |  |  |  |  |  |  |
|---------------------------|------------------|--|--|--|--|--|--|--|--|--|--|--|

|          |               |               |               |                |                |                |                |                |                |  |  |  |
|----------|---------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|--|--|--|
| STANDARD | 8350<br>18412 | 9100<br>20066 | 9850<br>21719 | 10600<br>23373 | 11400<br>25137 | 12150<br>26791 | 12550<br>27673 | 12925<br>28500 | 13300<br>29327 |  |  |  |
|----------|---------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|--|--|--|

| COMMERCIAL DESCRIPTION                                    | CAI MSPN | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|-----------------------------------------------------------|----------|-----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XS E7</b><br><b>21.00 R 25 Tubeless <sup>(9)</sup></b> | 276670   |                             |                             | 558<br>22    | 1750<br>68.9 | 767<br>30.2   | 5226<br>205.7 | 19<br>23.9             |                         | 700<br>184.9         | 15.00/3.0                                       |                                           |

|            |           |            |           |            |           |            |           |            |           |           |  |  |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|-----------|--|--|
| <b>Bar</b> | <b>1</b>  | <b>1.5</b> | <b>2</b>  | <b>2.5</b> | <b>3</b>  | <b>3.5</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>6</b>  |  |  |
| <b>Psi</b> | <b>15</b> | <b>22</b>  | <b>29</b> | <b>36</b>  | <b>44</b> | <b>51</b>  | <b>58</b> | <b>65</b>  | <b>73</b> | <b>87</b> |  |  |

|                           |                                       |  |  |  |  |  |  |  |  |  |  |  |
|---------------------------|---------------------------------------|--|--|--|--|--|--|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>DESERT CONDITIONS 65 KM/H MAX.</b> |  |  |  |  |  |  |  |  |  |  |  |
|---------------------------|---------------------------------------|--|--|--|--|--|--|--|--|--|--|--|

|                |              |              |              |              |               |               |               |               |               |               |  |  |
|----------------|--------------|--------------|--------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|--|--|
| ROAD IN SINGLE | 2500<br>5513 | 3050<br>6725 | 3750<br>8269 | 4500<br>9923 | 5250<br>11576 | 6000<br>13230 | 6650<br>14663 | 7350<br>16207 | 8050<br>17750 | 9500<br>20948 |  |  |
|----------------|--------------|--------------|--------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|--|--|

|              |              |              |              |              |               |               |               |               |               |               |  |  |
|--------------|--------------|--------------|--------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|--|--|
| ROAD IN TWIN | 2250<br>4961 | 2745<br>6053 | 3375<br>7442 | 4050<br>8930 | 4725<br>10419 | 5400<br>11907 | 6435<br>14189 | 6615<br>14586 | 7245<br>15975 | 8550<br>18853 |  |  |
|--------------|--------------|--------------|--------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|--|--|

|                 |              |              |               |               |               |               |  |  |  |  |  |  |
|-----------------|--------------|--------------|---------------|---------------|---------------|---------------|--|--|--|--|--|--|
| TRACK IN SINGLE | 2750<br>6064 | 3750<br>8269 | 4750<br>10474 | 5800<br>12789 | 6800<br>14994 | 7800<br>17199 |  |  |  |  |  |  |
|-----------------|--------------|--------------|---------------|---------------|---------------|---------------|--|--|--|--|--|--|

|               |              |              |              |               |               |               |  |  |  |  |  |  |
|---------------|--------------|--------------|--------------|---------------|---------------|---------------|--|--|--|--|--|--|
| TRACK IN TWIN | 2475<br>5457 | 3375<br>7442 | 4275<br>9426 | 5220<br>11510 | 6120<br>13495 | 7020<br>15479 |  |  |  |  |  |  |
|---------------|--------------|--------------|--------------|---------------|---------------|---------------|--|--|--|--|--|--|

|                |              |               |               |  |  |  |  |  |  |  |  |  |
|----------------|--------------|---------------|---------------|--|--|--|--|--|--|--|--|--|
| SAND IN SINGLE | 4250<br>9371 | 6000<br>13230 | 7600<br>16758 |  |  |  |  |  |  |  |  |  |
|----------------|--------------|---------------|---------------|--|--|--|--|--|--|--|--|--|

|              |              |               |               |  |  |  |  |  |  |  |  |  |
|--------------|--------------|---------------|---------------|--|--|--|--|--|--|--|--|--|
| SAND IN TWIN | 3825<br>8434 | 5400<br>11907 | 6840<br>15082 |  |  |  |  |  |  |  |  |  |
|--------------|--------------|---------------|---------------|--|--|--|--|--|--|--|--|--|

| COMMERCIAL DESCRIPTION                             | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|----------------------------------------------------|-----------------|-----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XLD 65 L3T *</b><br><b>550/65 R 25 Tubeless</b> | 123570<br>86785 | 16<br>9.9                   |                             | 549<br>21.6  | 1400<br>55.1 | 600<br>23.6   | 4147<br>163.3 | 32<br>40.3             |                         | 450<br>118.9         | 17.00/1.7                                       | 17.00/2.0                                 |

|            |           |             |            |           |             |            |           |             |            |           |  |  |
|------------|-----------|-------------|------------|-----------|-------------|------------|-----------|-------------|------------|-----------|--|--|
| <b>Bar</b> | <b>2</b>  | <b>2.25</b> | <b>2.5</b> | <b>3</b>  | <b>3.25</b> | <b>3.5</b> | <b>4</b>  | <b>4.25</b> | <b>4.5</b> | <b>5</b>  |  |  |
| <b>Psi</b> | <b>29</b> | <b>33</b>   | <b>36</b>  | <b>44</b> | <b>47</b>   | <b>51</b>  | <b>58</b> | <b>62</b>   | <b>65</b>  | <b>73</b> |  |  |

|                           |                |  |  |  |  |  |  |  |  |  |  |  |
|---------------------------|----------------|--|--|--|--|--|--|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>LOADERS</b> |  |  |  |  |  |  |  |  |  |  |  |
|---------------------------|----------------|--|--|--|--|--|--|--|--|--|--|--|

|             |               |               |               |               |               |               |               |               |               |                |  |  |
|-------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|--|--|
| FRONT LADEN | 4900<br>10805 | 5350<br>11797 | 5800<br>12789 | 6700<br>14774 | 7150<br>15766 | 7600<br>16758 | 8500<br>18743 | 8950<br>19735 | 9400<br>20727 | 10300<br>22712 |  |  |
|-------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|--|--|

|              |              |              |               |               |               |               |               |               |               |               |  |  |
|--------------|--------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--|--|
| REAR UNLADEN | 3925<br>8655 | 4290<br>9459 | 4650<br>10253 | 5350<br>11797 | 5720<br>12613 | 6075<br>13395 | 6800<br>14994 | 7165<br>15799 | 7525<br>16593 | 8250<br>18191 |  |  |
|--------------|--------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--|--|

|                           |                |  |  |  |  |  |  |  |  |  |  |  |
|---------------------------|----------------|--|--|--|--|--|--|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>GRADERS</b> |  |  |  |  |  |  |  |  |  |  |  |
|---------------------------|----------------|--|--|--|--|--|--|--|--|--|--|--|

|           |              |              |              |              |              |               |               |  |  |  |  |  |
|-----------|--------------|--------------|--------------|--------------|--------------|---------------|---------------|--|--|--|--|--|
| ALL AXLES | 2940<br>6483 | 3210<br>7078 | 3480<br>7673 | 4020<br>8864 | 4290<br>9459 | 4560<br>10055 | 5100<br>11246 |  |  |  |  |  |
|-----------|--------------|--------------|--------------|--------------|--------------|---------------|---------------|--|--|--|--|--|

| COMMERCIAL DESCRIPTION                               | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|------------------------------------------------------|-----------------|-----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XADN+ E3 ** 185B</b><br><b>23.5 R 25 Tubeless</b> | 295773<br>31373 | 28<br>17.4                  | 207<br>142                  | 602<br>23.7  | 1598<br>62.9 | 721<br>28.4   | 4824<br>189.9 | 38<br>47.9             |                         | 702<br>185.5         | 19.50/2.5                                       |                                           |

|            |           |            |           |            |             |           |            |           |  |  |  |  |
|------------|-----------|------------|-----------|------------|-------------|-----------|------------|-----------|--|--|--|--|
| <b>Bar</b> | <b>2</b>  | <b>2.5</b> | <b>3</b>  | <b>3.5</b> | <b>3.75</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  |  |  |  |  |
| <b>Psi</b> | <b>29</b> | <b>36</b>  | <b>44</b> | <b>51</b>  | <b>54</b>   | <b>58</b> | <b>65</b>  | <b>73</b> |  |  |  |  |

|                           |                                |  |  |  |  |  |  |  |  |  |  |  |
|---------------------------|--------------------------------|--|--|--|--|--|--|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>ARTICULATED DUMP TRUCKS</b> |  |  |  |  |  |  |  |  |  |  |  |
|---------------------------|--------------------------------|--|--|--|--|--|--|--|--|--|--|--|

|          |               |               |               |               |               |               |               |               |  |  |  |  |
|----------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--|--|--|--|
| STANDARD | 4930<br>10871 | 5650<br>12458 | 6380<br>14068 | 7100<br>15656 | 7450<br>16427 | 7800<br>17199 | 8550<br>18853 | 9250<br>20396 |  |  |  |  |
|----------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--|--|--|--|



### TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI

| COMMERCIAL DESCRIPTION                                  | CAI MSPN               | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch       | D<br>mm inch        | R'<br>mm inch      | RC<br>mm inch        | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|---------------------------------------------------------|------------------------|-----------------------------|-----------------------------|--------------------|---------------------|--------------------|----------------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XADN+ B4 E3 ** 185B</b><br><b>23.5 R 25 Tubeless</b> | <b>676673</b><br>44634 | <b>28</b><br>17.4           | <b>207</b><br>142           | <b>602</b><br>23.7 | <b>1598</b><br>62.9 | <b>721</b><br>28.4 | <b>4824</b><br>189.9 | <b>38</b><br>47.9      |                         | <b>702</b><br>185.5  | <b>19.50/2.5</b>                                |                                           |

|            |           |            |           |            |             |           |            |           |  |  |  |  |
|------------|-----------|------------|-----------|------------|-------------|-----------|------------|-----------|--|--|--|--|
| <b>Bar</b> | <b>2</b>  | <b>2.5</b> | <b>3</b>  | <b>3.5</b> | <b>3.75</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  |  |  |  |  |
| <b>Psi</b> | <b>29</b> | <b>36</b>  | <b>44</b> | <b>51</b>  | <b>54</b>   | <b>58</b> | <b>65</b>  | <b>73</b> |  |  |  |  |

|                           |                                |               |               |               |               |               |               |               |  |  |  |  |
|---------------------------|--------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>ARTICULATED DUMP TRUCKS</b> |               |               |               |               |               |               |               |  |  |  |  |
| <b>STANDARD</b>           | 4930<br>10871                  | 5650<br>12458 | 6380<br>14068 | 7100<br>15656 | 7450<br>16427 | 7800<br>17199 | 8550<br>18853 | 9250<br>20396 |  |  |  |  |

| COMMERCIAL DESCRIPTION                                              | CAI MSPN               | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch       | D<br>mm inch        | R'<br>mm inch      | RC<br>mm inch        | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|---------------------------------------------------------------------|------------------------|-----------------------------|-----------------------------|--------------------|---------------------|--------------------|----------------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XADN E3T ** 185B</b><br><b>23.5 R 25 Tubeless <sup>(4)</sup></b> | <b>123417</b><br>86650 | <b>28</b><br>17.4           |                             | <b>601</b><br>23.7 | <b>1612</b><br>63.5 | <b>719</b><br>28.3 | <b>4846</b><br>190.8 | <b>38</b><br>47.9      |                         | <b>654</b><br>172.8  | <b>19.50/2.5</b>                                |                                           |

|            |           |            |           |            |             |           |            |           |  |            |  |  |
|------------|-----------|------------|-----------|------------|-------------|-----------|------------|-----------|--|------------|--|--|
| <b>Bar</b> | <b>2</b>  | <b>2.5</b> | <b>3</b>  | <b>3.5</b> | <b>3.75</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  |  | <b>5.5</b> |  |  |
| <b>Psi</b> | <b>29</b> | <b>36</b>  | <b>44</b> | <b>51</b>  | <b>54</b>   | <b>58</b> | <b>65</b>  | <b>73</b> |  | <b>80</b>  |  |  |

|                           |                                |               |               |               |               |               |               |               |  |                |  |  |
|---------------------------|--------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--|----------------|--|--|
| Machine - Use ( kg - lbs) | <b>ARTICULATED DUMP TRUCKS</b> |               |               |               |               |               |               |               |  |                |  |  |
| <b>STANDARD</b>           | 5650<br>12458                  | 6380<br>14068 | 7100<br>15656 | 7800<br>17199 | 8175<br>18026 | 8550<br>18853 | 9250<br>20396 | 9950<br>21940 |  | 10350<br>22822 |  |  |

| COMMERCIAL DESCRIPTION                                     | CAI MSPN               | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch       | D<br>mm inch        | R'<br>mm inch      | RC<br>mm inch        | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|------------------------------------------------------------|------------------------|-----------------------------|-----------------------------|--------------------|---------------------|--------------------|----------------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XTRA DEFEND E4 ** 185B</b><br><b>23.5 R 25 Tubeless</b> | <b>923499</b><br>63502 | <b>26</b><br>16.2           | <b>192</b><br>132           | <b>615</b><br>24.2 | <b>1628</b><br>64.1 | <b>731</b><br>28.8 | <b>4906</b><br>193.1 | <b>54</b><br>68        |                         | <b>658</b><br>173.8  | <b>19.50/2.5</b>                                |                                           |

|            |           |            |           |            |             |           |            |           |  |            |  |  |
|------------|-----------|------------|-----------|------------|-------------|-----------|------------|-----------|--|------------|--|--|
| <b>Bar</b> | <b>2</b>  | <b>2.5</b> | <b>3</b>  | <b>3.5</b> | <b>3.75</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  |  | <b>5.5</b> |  |  |
| <b>Psi</b> | <b>29</b> | <b>36</b>  | <b>44</b> | <b>51</b>  | <b>54</b>   | <b>58</b> | <b>65</b>  | <b>73</b> |  | <b>80</b>  |  |  |

|                           |                                |               |               |               |               |               |               |               |  |                |  |  |
|---------------------------|--------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--|----------------|--|--|
| Machine - Use ( kg - lbs) | <b>ARTICULATED DUMP TRUCKS</b> |               |               |               |               |               |               |               |  |                |  |  |
| <b>STANDARD</b>           | 5650<br>12458                  | 6380<br>14068 | 7100<br>15656 | 7800<br>17199 | 8175<br>18026 | 8550<br>18853 | 9250<br>20396 | 9950<br>21940 |  | 10350<br>22822 |  |  |

| COMMERCIAL DESCRIPTION                                          | CAI MSPN               | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch       | D<br>mm inch        | R'<br>mm inch      | RC<br>mm inch        | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|-----------------------------------------------------------------|------------------------|-----------------------------|-----------------------------|--------------------|---------------------|--------------------|----------------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>X-SUPER TERRAIN+ E4 ** 185B</b><br><b>23.5 R 25 Tubeless</b> | <b>002583</b><br>30105 | <b>26</b><br>16.2           | <b>192</b><br>132           | <b>607</b><br>23.9 | <b>1614</b><br>63.5 | <b>725</b><br>28.5 | <b>4864</b><br>191.5 | <b>51</b><br>64.3      |                         | <b>652</b><br>172.3  | <b>19.50/2.5</b>                                |                                           |

|            |           |            |           |            |             |           |            |           |  |  |  |  |
|------------|-----------|------------|-----------|------------|-------------|-----------|------------|-----------|--|--|--|--|
| <b>Bar</b> | <b>2</b>  | <b>2.5</b> | <b>3</b>  | <b>3.5</b> | <b>3.75</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  |  |  |  |  |
| <b>Psi</b> | <b>29</b> | <b>36</b>  | <b>44</b> | <b>51</b>  | <b>54</b>   | <b>58</b> | <b>65</b>  | <b>73</b> |  |  |  |  |

|                           |                                |               |               |               |               |               |               |               |  |  |  |  |
|---------------------------|--------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>ARTICULATED DUMP TRUCKS</b> |               |               |               |               |               |               |               |  |  |  |  |
| <b>STANDARD</b>           | 4930<br>10871                  | 5650<br>12458 | 6380<br>14068 | 7100<br>15656 | 7450<br>16427 | 7800<br>17199 | 8550<br>18853 | 9250<br>20396 |  |  |  |  |

| COMMERCIAL DESCRIPTION                                             | CAI MSPN               | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch       | D<br>mm inch        | R'<br>mm inch      | RC<br>mm inch        | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|--------------------------------------------------------------------|------------------------|-----------------------------|-----------------------------|--------------------|---------------------|--------------------|----------------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>X-SUPER TERRAIN AD E4T ** 185B</b><br><b>23.5 R 25 Tubeless</b> | <b>769360</b><br>13954 | <b>26</b><br>16.2           |                             | <b>603</b><br>23.7 | <b>1623</b><br>63.9 | <b>728</b><br>28.7 | <b>4890</b><br>192.5 | <b>51</b><br>64.3      |                         | <b>650</b><br>171.7  | <b>19.50/2.5</b>                                |                                           |

|            |           |            |           |            |             |           |            |           |  |            |  |  |
|------------|-----------|------------|-----------|------------|-------------|-----------|------------|-----------|--|------------|--|--|
| <b>Bar</b> | <b>2</b>  | <b>2.5</b> | <b>3</b>  | <b>3.5</b> | <b>3.75</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  |  | <b>5.5</b> |  |  |
| <b>Psi</b> | <b>29</b> | <b>36</b>  | <b>44</b> | <b>51</b>  | <b>54</b>   | <b>58</b> | <b>65</b>  | <b>73</b> |  | <b>80</b>  |  |  |

|                           |                                |               |               |               |               |               |               |               |  |                |  |  |
|---------------------------|--------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--|----------------|--|--|
| Machine - Use ( kg - lbs) | <b>ARTICULATED DUMP TRUCKS</b> |               |               |               |               |               |               |               |  |                |  |  |
| <b>STANDARD</b>           | 5650<br>12458                  | 6380<br>14068 | 7100<br>15656 | 7800<br>17199 | 8175<br>18026 | 8550<br>18853 | 9250<br>20396 | 9950<br>21940 |  | 10350<br>22822 |  |  |

### TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI

| COMMERCIAL DESCRIPTION                             | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|----------------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XSNOPLUS L2T *</b><br><b>23.5 R 25 Tubeless</b> | 460452<br>74539 | 16<br>9.9                  |                             | 603<br>23.7  | 1610<br>63.4 | 687<br>27     | 4761<br>187.4 | 34<br>42.8             |                         | 670<br>177           | 19.50/2.5                                       |                                           |

|            |           |            |           |            |           |
|------------|-----------|------------|-----------|------------|-----------|
| <b>Bar</b> | <b>2</b>  | <b>2.5</b> | <b>3</b>  | <b>3.5</b> | <b>4</b>  |
| <b>Psi</b> | <b>29</b> | <b>36</b>  | <b>44</b> | <b>51</b>  | <b>58</b> |

|                           |                |               |  |                |                |                |  |  |  |  |  |  |
|---------------------------|----------------|---------------|--|----------------|----------------|----------------|--|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>LOADERS</b> |               |  |                |                |                |  |  |  |  |  |  |
| FRONT LADEN               | 8100<br>17861  | 9100<br>20066 |  | 10150<br>22381 | 11150<br>24586 | 12150<br>26791 |  |  |  |  |  |  |
| REAR UNLADEN              | 6500<br>14333  | 7300<br>16097 |  | 8100<br>17861  | 8900<br>19625  | 9700<br>21389  |  |  |  |  |  |  |

|                           |                |               |  |               |  |  |  |  |  |  |  |  |
|---------------------------|----------------|---------------|--|---------------|--|--|--|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>GRADERS</b> |               |  |               |  |  |  |  |  |  |  |  |
| ALL AXLES                 | 4875<br>10749  | 5425<br>11962 |  | 6000<br>13230 |  |  |  |  |  |  |  |  |

| COMMERCIAL DESCRIPTION                                        | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|---------------------------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XTL A L2 *</b><br><b>23.5 R 25 Tubeless <sup>(5)</sup></b> | 123445<br>49977 | 16<br>9.9                  |                             | 596<br>23.5  | 1614<br>63.5 | 686<br>27     | 4766<br>187.6 | 34<br>42.8             |                         | 680<br>179.7         | 19.50/2.5                                       |                                           |

|            |           |            |           |            |           |
|------------|-----------|------------|-----------|------------|-----------|
| <b>Bar</b> | <b>2</b>  | <b>2.5</b> | <b>3</b>  | <b>3.5</b> | <b>4</b>  |
| <b>Psi</b> | <b>29</b> | <b>36</b>  | <b>44</b> | <b>51</b>  | <b>58</b> |

|                           |                |               |  |                |                |                |  |  |  |  |  |  |
|---------------------------|----------------|---------------|--|----------------|----------------|----------------|--|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>LOADERS</b> |               |  |                |                |                |  |  |  |  |  |  |
| FRONT LADEN               | 8100<br>17861  | 9100<br>20066 |  | 10150<br>22381 | 11150<br>24586 | 12150<br>26791 |  |  |  |  |  |  |
| REAR UNLADEN              | 6500<br>14333  | 7300<br>16097 |  | 8100<br>17861  | 8900<br>19625  | 9700<br>21389  |  |  |  |  |  |  |

|                           |                |               |  |               |  |  |  |  |  |  |  |  |
|---------------------------|----------------|---------------|--|---------------|--|--|--|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>GRADERS</b> |               |  |               |  |  |  |  |  |  |  |  |
| ALL AXLES                 | 4875<br>10749  | 5425<br>11962 |  | 6000<br>13230 |  |  |  |  |  |  |  |  |

| COMMERCIAL DESCRIPTION                              | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|-----------------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XHA2 L3 * 195A2</b><br><b>23.5 R 25 Tubeless</b> | 139147<br>65791 | 16<br>9.9                  |                             | 599<br>23.6  | 1612<br>63.5 | 690<br>27.2   | 4773<br>187.9 | 36<br>45.4             |                         | 672<br>177.5         | 19.50/2.5                                       |                                           |

|            |           |            |           |            |           |
|------------|-----------|------------|-----------|------------|-----------|
| <b>Bar</b> | <b>2</b>  | <b>2.5</b> | <b>3</b>  | <b>3.5</b> | <b>4</b>  |
| <b>Psi</b> | <b>29</b> | <b>36</b>  | <b>44</b> | <b>51</b>  | <b>58</b> |

|                           |                |               |  |                |                |                |  |  |  |  |  |  |
|---------------------------|----------------|---------------|--|----------------|----------------|----------------|--|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>LOADERS</b> |               |  |                |                |                |  |  |  |  |  |  |
| FRONT LADEN               | 8100<br>17861  | 9100<br>20066 |  | 10150<br>22381 | 11150<br>24586 | 12150<br>26791 |  |  |  |  |  |  |
| REAR UNLADEN              | 6500<br>14333  | 7300<br>16097 |  | 8100<br>17861  | 8900<br>19625  | 9700<br>21389  |  |  |  |  |  |  |

|                           |                |               |  |               |  |  |  |  |  |  |  |  |
|---------------------------|----------------|---------------|--|---------------|--|--|--|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>GRADERS</b> |               |  |               |  |  |  |  |  |  |  |  |
| ALL AXLES                 | 4875<br>10749  | 5425<br>11962 |  | 6000<br>13230 |  |  |  |  |  |  |  |  |

| COMMERCIAL DESCRIPTION                                         | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|----------------------------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XK A L3 **</b><br><b>23.5 R 25 Tubeless <sup>(12)</sup></b> | 263670<br>05173 | 14<br>8.7                  |                             | 632<br>24.9  | 1611<br>63.4 | 702<br>27.6   | 4802<br>189.1 | 30<br>37.8             |                         | 635<br>167.8         | 19.50/2.5                                       |                                           |

|            |           |            |           |            |           |            |           |            |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|
| <b>Bar</b> | <b>2</b>  | <b>2.5</b> | <b>3</b>  | <b>3.5</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> |
| <b>Psi</b> | <b>29</b> | <b>36</b>  | <b>44</b> | <b>51</b>  | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  |

|                           |                |               |  |                |                |                |                |                |                |  |  |  |
|---------------------------|----------------|---------------|--|----------------|----------------|----------------|----------------|----------------|----------------|--|--|--|
| Machine - Use ( kg - lbs) | <b>LOADERS</b> |               |  |                |                |                |                |                |                |  |  |  |
| FRONT LADEN               | 8100<br>17861  | 9100<br>20066 |  | 10150<br>22381 | 11150<br>24586 | 12150<br>26791 | 13350<br>29437 | 13900<br>30650 | 14500<br>31973 |  |  |  |
| REAR UNLADEN              | 6500<br>14333  | 7300<br>16097 |  | 8100<br>17861  | 8900<br>19625  | 9700<br>21389  | 10700<br>23594 | 11160<br>24608 | 11600<br>25578 |  |  |  |

|                           |                                      |  |  |               |               |               |               |                |                |  |  |  |
|---------------------------|--------------------------------------|--|--|---------------|---------------|---------------|---------------|----------------|----------------|--|--|--|
| Machine - Use ( kg - lbs) | <b>UNDERGROUND TRANSPORT MACHINE</b> |  |  |               |               |               |               |                |                |  |  |  |
| ALL AXLES                 |                                      |  |  | 7300<br>16097 | 8250<br>18191 | 9000<br>19845 | 9750<br>21499 | 10600<br>23373 | 11500<br>25358 |  |  |  |

### TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI

| COMMERCIAL DESCRIPTION                             | CAI MSPN                             | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch   | D<br>mm inch   | R'<br>mm inch  | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|----------------------------------------------------|--------------------------------------|-----------------------------|-----------------------------|----------------|----------------|----------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XLD D2 A LST *</b><br><b>23.5 R 25 Tubeless</b> | 123326<br>58159                      | 10<br>6.2                   |                             | 612<br>24.1    | 1662<br>65.4   | 722<br>28.4    | 4947<br>194.8 | 77<br>97               |                         | 600<br>158.5         | 19.50/2.5                                       |                                           |
| <b>Bar</b>                                         | <b>2</b>                             | <b>2.5</b>                  |                             | <b>3</b>       | <b>3.5</b>     | <b>4</b>       |               |                        |                         |                      |                                                 |                                           |
| <b>Psi</b>                                         | <b>29</b>                            | <b>36</b>                   |                             | <b>44</b>      | <b>51</b>      | <b>58</b>      |               |                        |                         |                      |                                                 |                                           |
| Machine - Use ( kg - lbs)                          | <b>LOADERS</b>                       |                             |                             |                |                |                |               |                        |                         |                      |                                                 |                                           |
| FRONT LADEN                                        | 8100<br>17861                        | 9100<br>20066               |                             | 10150<br>22381 | 11150<br>24586 | 12150<br>26791 |               |                        |                         |                      |                                                 |                                           |
| REAR UNLADEN                                       | 6500<br>14333                        | 7300<br>16097               |                             | 8100<br>17861  | 8900<br>19625  | 9700<br>21389  |               |                        |                         |                      |                                                 |                                           |
| Machine - Use ( kg - lbs)                          | <b>GRADERS</b>                       |                             |                             |                |                |                |               |                        |                         |                      |                                                 |                                           |
| ALL AXLES                                          | 4875<br>10749                        | 5425<br>11962               |                             | 6000<br>13230  |                |                |               |                        |                         |                      |                                                 |                                           |
| Machine - Use ( kg - lbs)                          | <b>UNDERGROUND TRANSPORT MACHINE</b> |                             |                             |                |                |                |               |                        |                         |                      |                                                 |                                           |
| ALL AXLES                                          |                                      |                             |                             | 7300<br>16097  | 8250<br>18191  | 9000<br>19845  | 9750<br>21499 | 10600<br>23373         | 11500<br>25358          |                      |                                                 |                                           |

| COMMERCIAL DESCRIPTION                             | CAI MSPN                             | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch   | D<br>mm inch   | R'<br>mm inch  | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|----------------------------------------------------|--------------------------------------|-----------------------------|-----------------------------|----------------|----------------|----------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XMINE D2 L5 **</b><br><b>23.5 R 25 Tubeless</b> | 199408<br>32199                      | 6<br>3.7                    |                             | 637<br>25.1    | 1656<br>65.2   | 751<br>29.6    | 5009<br>197.2  | 83<br>104.6            |                         | 590<br>155.9         | 19.50/2.5                                       |                                           |
| <b>Bar</b>                                         | <b>3</b>                             | <b>3.5</b>                  |                             | <b>4</b>       | <b>4.5</b>     | <b>5</b>       | <b>5.5</b>     | <b>6</b>               | <b>6.5</b>              |                      |                                                 |                                           |
| <b>Psi</b>                                         | <b>44</b>                            | <b>51</b>                   |                             | <b>58</b>      | <b>65</b>      | <b>73</b>      | <b>80</b>      | <b>87</b>              | <b>94</b>               |                      |                                                 |                                           |
| Machine - Use ( kg - lbs)                          | <b>LOADERS</b>                       |                             |                             |                |                |                |                |                        |                         |                      |                                                 |                                           |
| FRONT LADEN                                        | 8250<br>18191                        | 9250<br>20396               |                             | 10300<br>22712 | 11200<br>24696 | 12150<br>26791 | 12850<br>28334 | 13600<br>29988         | 14500<br>31973          |                      |                                                 |                                           |
| REAR UNLADEN                                       | 6600<br>14553                        | 7400<br>16317               |                             | 8240<br>18169  | 8960<br>19757  | 9720<br>21433  | 10280<br>22667 | 10880<br>23990         | 11600<br>25578          |                      |                                                 |                                           |
| Machine - Use ( kg - lbs)                          | <b>UNDERGROUND TRANSPORT MACHINE</b> |                             |                             |                |                |                |                |                        |                         |                      |                                                 |                                           |
| ALL AXLES                                          | 7300<br>16097                        | 8250<br>18191               |                             | 9000<br>19845  | 9750<br>21499  | 10600<br>23373 | 11500<br>25358 | 12150<br>26791         | 12850<br>28334          |                      |                                                 |                                           |

| COMMERCIAL DESCRIPTION                                  | CAI MSPN                             | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch   | D<br>mm inch   | R'<br>mm inch  | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|---------------------------------------------------------|--------------------------------------|-----------------------------|-----------------------------|----------------|----------------|----------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XMINE D2 PRO L5 ***</b><br><b>23.5 R 25 Tubeless</b> | 813419<br>10697                      | 6<br>3.7                    |                             | 643<br>25.3    | 1660<br>65.4   | 746<br>29.4    | 5004<br>197    | 83<br>104.6            |                         | 590<br>155.9         | 19.50/2.5                                       |                                           |
| <b>Bar</b>                                              | <b>3</b>                             | <b>3.5</b>                  |                             | <b>4</b>       | <b>4.5</b>     | <b>5</b>       | <b>5.5</b>     | <b>6</b>               | <b>6.5</b>              | <b>7</b>             |                                                 |                                           |
| <b>Psi</b>                                              | <b>44</b>                            | <b>51</b>                   |                             | <b>58</b>      | <b>65</b>      | <b>73</b>      | <b>80</b>      | <b>87</b>              | <b>94</b>               | <b>102</b>           |                                                 |                                           |
| Machine - Use ( kg - lbs)                               | <b>LOADERS</b>                       |                             |                             |                |                |                |                |                        |                         |                      |                                                 |                                           |
| FRONT LADEN                                             | 8250<br>18191                        | 9250<br>20396               |                             | 10300<br>22712 | 11200<br>24696 | 12150<br>26791 | 12850<br>28334 | 13600<br>29988         | 14400<br>31752          | 17000<br>37485       |                                                 |                                           |
| REAR UNLADEN                                            | 6600<br>14553                        | 7400<br>16317               |                             | 8240<br>18169  | 8960<br>19757  | 9720<br>21433  | 10280<br>22667 | 10880<br>23990         | 11600<br>25578          | 13600<br>29988       |                                                 |                                           |
| Machine - Use ( kg - lbs)                               | <b>UNDERGROUND TRANSPORT MACHINE</b> |                             |                             |                |                |                |                |                        |                         |                      |                                                 |                                           |
| ALL AXLES                                               | 7300<br>16097                        | 8250<br>18191               |                             | 9000<br>19845  | 9750<br>21499  | 10600<br>23373 | 11500<br>25358 | 12150<br>26791         | 12850<br>28334          | 15000<br>33075       |                                                 |                                           |

### TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI

| COMMERCIAL DESCRIPTION                                              | CAI MSPN               | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch          | D<br>mm inch          | R'<br>mm inch         | RC<br>mm inch        | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon  | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|---------------------------------------------------------------------|------------------------|-----------------------------|-----------------------------|-----------------------|-----------------------|-----------------------|----------------------|------------------------|-------------------------|-----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XMINE D2 L5R *</b><br><b>23.5 R 25 Tubeless <sup>(8)</sup></b>   | <b>266931</b><br>14357 | <b>6</b><br>3.7             |                             | <b>637</b><br>25.1    | <b>1656</b><br>65.2   | <b>707</b><br>27.8    | <b>4898</b><br>192.8 | <b>83</b><br>104.6     |                         | <b>590</b><br>155.9   | <b>19.50/2.5</b>                                |                                           |
| <b>Bar</b>                                                          | <b>2</b>               | <b>2.5</b>                  |                             | <b>3</b>              | <b>3.5</b>            | <b>4</b>              | <b>4.5</b>           | <b>5</b>               |                         | <b>5.5</b>            |                                                 |                                           |
| <b>Psi</b>                                                          | <b>29</b>              | <b>36</b>                   |                             | <b>44</b>             | <b>51</b>             | <b>58</b>             | <b>65</b>            | <b>73</b>              |                         | <b>80</b>             |                                                 |                                           |
| <b>Machine - Use ( kg - lbs)      LOADERS</b>                       |                        |                             |                             |                       |                       |                       |                      |                        |                         |                       |                                                 |                                           |
| <b>FRONT LADEN</b>                                                  | <b>8100</b><br>17861   | <b>9100</b><br>20066        |                             | <b>10150</b><br>22381 | <b>11150</b><br>24586 | <b>12150</b><br>26791 |                      |                        |                         |                       |                                                 |                                           |
| <b>REAR UNLADEN</b>                                                 | <b>6500</b><br>14333   | <b>7300</b><br>16097        |                             | <b>8100</b><br>17861  | <b>8900</b><br>19625  | <b>9700</b><br>21389  |                      |                        |                         |                       |                                                 |                                           |
| <b>Machine - Use ( kg - lbs)      UNDERGROUND TRANSPORT MACHINE</b> |                        |                             |                             |                       |                       |                       |                      |                        |                         |                       |                                                 |                                           |
| <b>ALL AXLES</b>                                                    |                        |                             |                             | <b>7300</b><br>16097  | <b>8250</b><br>18191  | <b>9000</b><br>19845  | <b>9750</b><br>21499 | <b>10600</b><br>23373  |                         | <b>11500</b><br>25358 |                                                 |                                           |

| COMMERCIAL DESCRIPTION                       | CAI MSPN             | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch          | D<br>mm inch          | R'<br>mm inch         | RC<br>mm inch        | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|----------------------------------------------|----------------------|-----------------------------|-----------------------------|-----------------------|-----------------------|-----------------------|----------------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XLDN *</b><br><b>23.5 R 25 Tubeless</b>   | <b>387171</b>        | <b>16</b><br>9.9            |                             | <b>600</b><br>23.6    | <b>1609</b><br>63.3   | <b>682</b><br>26.9    | <b>4748</b><br>186.9 | <b>34</b><br>42.8      |                         | <b>660</b><br>174.4  | <b>19.50/2.5</b>                                |                                           |
| <b>Bar</b>                                   | <b>2</b>             | <b>2.5</b>                  |                             | <b>3</b>              | <b>3.5</b>            | <b>4</b>              |                      |                        |                         |                      |                                                 |                                           |
| <b>Psi</b>                                   | <b>29</b>            | <b>36</b>                   |                             | <b>44</b>             | <b>51</b>             | <b>58</b>             |                      |                        |                         |                      |                                                 |                                           |
| <b>Machine - Use ( kg - lbs)      LOADER</b> |                      |                             |                             |                       |                       |                       |                      |                        |                         |                      |                                                 |                                           |
| <b>FRONT LADEN</b>                           | <b>8100</b><br>17861 | <b>9100</b><br>20066        |                             | <b>10150</b><br>22381 | <b>11150</b><br>24586 | <b>12150</b><br>26791 |                      |                        |                         |                      |                                                 |                                           |
| <b>REAR UNLADEN</b>                          | <b>6500</b><br>14333 | <b>7300</b><br>16097        |                             | <b>8100</b><br>17861  | <b>8900</b><br>19625  | <b>9700</b><br>21389  |                      |                        |                         |                      |                                                 |                                           |

| COMMERCIAL DESCRIPTION                                                        | CAI MSPN               | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch         | D<br>mm inch         | R'<br>mm inch         | RC<br>mm inch         | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|-------------------------------------------------------------------------------|------------------------|-----------------------------|-----------------------------|----------------------|----------------------|-----------------------|-----------------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XL B E2 188E</b><br><b>23.5 R 25 Tubeless</b>                              | <b>123474</b><br>75781 | <b>70</b><br>43.5           |                             | <b>598</b><br>23.5   | <b>1619</b><br>63.7  | <b>737</b><br>29      | <b>4905</b><br>193.1  | <b>27</b><br>34        |                         | <b>700</b><br>184.9  | <b>19.50/2.5</b>                                |                                           |
| <b>Bar</b>                                                                    | <b>2</b>               | <b>3</b>                    |                             | <b>4</b>             | <b>5</b>             | <b>6</b>              | <b>7</b>              |                        |                         |                      |                                                 |                                           |
| <b>Psi</b>                                                                    | <b>29</b>              | <b>44</b>                   |                             | <b>58</b>            | <b>73</b>            | <b>87</b>             | <b>102</b>            |                        |                         |                      |                                                 |                                           |
| <b>Machine - Use ( kg - lbs)      CRANES AND SIMILAR SPECIALIZED MACHINES</b> |                        |                             |                             |                      |                      |                       |                       |                        |                         |                      |                                                 |                                           |
| <b>30 KM/H</b><br>19 MPH                                                      | <b>4750</b><br>10474   | <b>6350</b><br>14002        |                             | <b>7950</b><br>17530 | <b>9600</b><br>21168 | <b>11300</b><br>24917 | <b>13000</b><br>28665 |                        |                         |                      |                                                 |                                           |
| <b>40 KM/H</b><br>25 MPH                                                      | <b>4550</b><br>10033   | <b>6050</b><br>13340        |                             | <b>7550</b><br>16648 | <b>9200</b><br>20286 | <b>10800</b><br>23814 | <b>12400</b><br>27342 |                        |                         |                      |                                                 |                                           |
| <b>50 KM/H</b><br>31 MPH                                                      | <b>4325</b><br>9537    | <b>5750</b><br>12679        |                             | <b>7200</b><br>15876 | <b>8750</b><br>19294 | <b>10300</b><br>22712 | <b>11800</b><br>26019 |                        |                         |                      |                                                 |                                           |
| <b>65 KM/H</b><br>40 MPH                                                      | <b>3925</b><br>8655    | <b>5200</b><br>11466        |                             | <b>6550</b><br>14443 | <b>7900</b><br>17420 | <b>9300</b><br>20507  | <b>10700</b><br>23594 |                        |                         |                      |                                                 |                                           |
| <b>70 KM/H</b><br>43 MPH                                                      | <b>3660</b><br>8070    | <b>4880</b><br>10760        |                             | <b>6100</b><br>13451 | <b>7400</b><br>16317 | <b>8700</b><br>19184  | <b>10000</b><br>22050 |                        |                         |                      |                                                 |                                           |
| <b>80 KM/H</b><br>50 MPH                                                      | <b>3000</b><br>6615    | <b>4000</b><br>8820         |                             | <b>5000</b><br>11025 | <b>6050</b><br>13340 | <b>7150</b><br>15766  | <b>8200</b><br>18081  |                        |                         |                      |                                                 |                                           |
| <b>90 KM/H</b><br>56 MPH                                                      | <b>2550</b><br>5623    | <b>3425</b><br>7552         |                             | <b>4250</b><br>9371  | <b>5200</b><br>11466 | <b>6100</b><br>13451  | <b>7000</b><br>15435  |                        |                         |                      |                                                 |                                           |
| <b>100 KM/H</b><br>62 MPH                                                     | <b>2100</b><br>4631    | <b>2925</b><br>6450         |                             | <b>3650</b><br>8048  | <b>4400</b><br>9702  | <b>5200</b><br>11466  | <b>6000</b><br>13230  |                        |                         |                      |                                                 |                                           |



### TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI

| COMMERCIAL DESCRIPTION                             | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|----------------------------------------------------|-----------------|-----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XLD 65 L3T *</b><br><b>600/65 R 25 Tubeless</b> | 063799<br>82704 | 16<br>9.9                   |                             | 622<br>24.5  | 1429<br>56.3 | 617<br>24.3   | 4246<br>167.2 | 34<br>42.8             |                         | 484<br>127.9         | 19.50/2.5                                       | 17.00/1.7<br>17.00/2.0                    |

|            |           |            |           |            |           |            |           |  |  |  |  |  |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|--|--|--|--|--|
| <b>Bar</b> | <b>2</b>  | <b>2.5</b> | <b>3</b>  | <b>3.5</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  |  |  |  |  |  |
| <b>Psi</b> | <b>29</b> | <b>36</b>  | <b>44</b> | <b>51</b>  | <b>58</b> | <b>65</b>  | <b>73</b> |  |  |  |  |  |

#### Machine - Use ( kg - lbs) **LOADERS**

|                     |               |               |               |               |               |                |                |  |  |  |  |  |
|---------------------|---------------|---------------|---------------|---------------|---------------|----------------|----------------|--|--|--|--|--|
| <b>FRONT LADEN</b>  | 5650<br>12458 | 6675<br>14718 | 7700<br>16979 | 8725<br>19239 | 9750<br>21499 | 10725<br>23649 | 11700<br>25799 |  |  |  |  |  |
| <b>REAR UNLADEN</b> | 4520<br>9967  | 5340<br>11775 | 6160<br>13583 | 6980<br>15391 | 7800<br>17199 | 8580<br>18919  | 9360<br>20639  |  |  |  |  |  |

#### Machine - Use ( kg - lbs) **GRADERS**

|                  |              |              |               |  |  |  |  |  |  |  |  |  |
|------------------|--------------|--------------|---------------|--|--|--|--|--|--|--|--|--|
| <b>ALL AXLES</b> | 3390<br>7475 | 4005<br>8831 | 4600<br>10143 |  |  |  |  |  |  |  |  |  |
|------------------|--------------|--------------|---------------|--|--|--|--|--|--|--|--|--|

| COMMERCIAL DESCRIPTION                                           | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|------------------------------------------------------------------|-----------------|-----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XAD 65-1 SUPER E3T ** 180B</b><br><b>650/65 R 25 Tubeless</b> | 840573<br>89647 | 28<br>17.4                  | 179<br>123                  | 630<br>24.8  | 1494<br>58.8 | 669<br>26.3   | 4498<br>177.1 | 40<br>50.4             |                         | 595<br>157.2         | 19.50/2.5                                       | 22.00/3.0                                 |

|            |            |           |            |           |  |  |  |  |  |  |  |  |
|------------|------------|-----------|------------|-----------|--|--|--|--|--|--|--|--|
| <b>Bar</b> | <b>2.5</b> | <b>3</b>  | <b>3.5</b> | <b>4</b>  |  |  |  |  |  |  |  |  |
| <b>Psi</b> | <b>36</b>  | <b>44</b> | <b>51</b>  | <b>58</b> |  |  |  |  |  |  |  |  |

#### Machine - Use ( kg - lbs) **ARTICULATED DUMP TRUCKS**

|                 |               |               |               |               |  |  |  |  |  |  |  |  |
|-----------------|---------------|---------------|---------------|---------------|--|--|--|--|--|--|--|--|
| <b>STANDARD</b> | 5450<br>12017 | 6300<br>13892 | 7150<br>15766 | 8000<br>17640 |  |  |  |  |  |  |  |  |
|-----------------|---------------|---------------|---------------|---------------|--|--|--|--|--|--|--|--|

| COMMERCIAL DESCRIPTION                             | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|----------------------------------------------------|-----------------|-----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XLD 65 L3T *</b><br><b>650/65 R 25 Tubeless</b> | 123820<br>90278 | 16<br>9.9                   |                             | 634<br>25    | 1498<br>59   | 637<br>25.1   | 4425<br>174.2 | 37<br>46.6             |                         | 596<br>157.5         | 19.50/2.5                                       |                                           |

|            |           |            |           |            |           |            |           |  |  |  |  |  |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|--|--|--|--|--|
| <b>Bar</b> | <b>2</b>  | <b>2.5</b> | <b>3</b>  | <b>3.5</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  |  |  |  |  |  |
| <b>Psi</b> | <b>29</b> | <b>36</b>  | <b>44</b> | <b>51</b>  | <b>58</b> | <b>65</b>  | <b>73</b> |  |  |  |  |  |

#### Machine - Use ( kg - lbs) **LOADERS**

|                     |               |               |               |                |                |                |                |  |  |  |  |  |
|---------------------|---------------|---------------|---------------|----------------|----------------|----------------|----------------|--|--|--|--|--|
| <b>FRONT LADEN</b>  | 6700<br>14774 | 7900<br>17420 | 9100<br>20066 | 10300<br>22712 | 11500<br>25358 | 12700<br>28004 | 13900<br>30650 |  |  |  |  |  |
| <b>REAR UNLADEN</b> | 5400<br>11907 | 6350<br>14002 | 7300<br>16097 | 8250<br>18191  | 9200<br>20286  | 10150<br>22381 | 11100<br>24476 |  |  |  |  |  |

#### Machine - Use ( kg - lbs) **GRADERS**

|                  |              |               |               |               |               |               |               |  |  |  |  |  |
|------------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|--|--|--|--|--|
| <b>ALL AXLES</b> | 4100<br>9041 | 4800<br>10584 | 5500<br>12128 | 6200<br>13671 | 6900<br>15215 | 7600<br>16758 | 8300<br>18302 |  |  |  |  |  |
|------------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|--|--|--|--|--|

| COMMERCIAL DESCRIPTION                                  | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|---------------------------------------------------------|-----------------|-----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XADN+ B4 E3 ** 193B</b><br><b>26.5 R 25 Tubeless</b> | 238546<br>44737 | 28<br>17.4                  | 258<br>177                  | 687<br>27    | 1726<br>68   | 773<br>30.4   | 5196<br>204.6 | 41<br>51.7             |                         | 908<br>239.9         | 22.00/3.0                                       | 22.00/3.0 IF                              |

|            |           |            |           |             |            |           |            |           |  |  |  |  |
|------------|-----------|------------|-----------|-------------|------------|-----------|------------|-----------|--|--|--|--|
| <b>Bar</b> | <b>2</b>  | <b>2.5</b> | <b>3</b>  | <b>3.25</b> | <b>3.5</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  |  |  |  |  |
| <b>Psi</b> | <b>29</b> | <b>36</b>  | <b>44</b> | <b>47</b>   | <b>51</b>  | <b>58</b> | <b>65</b>  | <b>73</b> |  |  |  |  |

#### Machine - Use ( kg - lbs) **ARTICULATED DUMP TRUCKS**

|                 |  |               |               |               |               |               |                |                |  |  |  |  |
|-----------------|--|---------------|---------------|---------------|---------------|---------------|----------------|----------------|--|--|--|--|
| <b>STANDARD</b> |  | 6500<br>14333 | 7500<br>16538 | 8000<br>17640 | 8500<br>18743 | 9500<br>20948 | 10500<br>23153 | 11500<br>25358 |  |  |  |  |
|-----------------|--|---------------|---------------|---------------|---------------|---------------|----------------|----------------|--|--|--|--|

| COMMERCIAL DESCRIPTION                               | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|------------------------------------------------------|-----------------|-----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XADN+ E3 ** 193B</b><br><b>26.5 R 25 Tubeless</b> | 154324<br>72625 | 28<br>17.4                  | 258<br>177                  | 687<br>27    | 1726<br>68   | 773<br>30.4   | 5196<br>204.6 | 41<br>51.7             |                         | 908<br>239.9         | 22.00/3.0                                       | 22.00/3.0 IF                              |

|            |           |            |           |             |            |           |            |           |  |  |  |  |
|------------|-----------|------------|-----------|-------------|------------|-----------|------------|-----------|--|--|--|--|
| <b>Bar</b> | <b>2</b>  | <b>2.5</b> | <b>3</b>  | <b>3.25</b> | <b>3.5</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  |  |  |  |  |
| <b>Psi</b> | <b>29</b> | <b>36</b>  | <b>44</b> | <b>47</b>   | <b>51</b>  | <b>58</b> | <b>65</b>  | <b>73</b> |  |  |  |  |

#### Machine - Use ( kg - lbs) **ARTICULATED DUMP TRUCKS**

|                 |  |               |               |               |               |               |                |                |  |  |  |  |
|-----------------|--|---------------|---------------|---------------|---------------|---------------|----------------|----------------|--|--|--|--|
| <b>STANDARD</b> |  | 6500<br>14333 | 7500<br>16538 | 8000<br>17640 | 8500<br>18743 | 9500<br>20948 | 10500<br>23153 | 11500<br>25358 |  |  |  |  |
|-----------------|--|---------------|---------------|---------------|---------------|---------------|----------------|----------------|--|--|--|--|

### TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI

| COMMERCIAL DESCRIPTION                                       | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|--------------------------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XADN E3T ** 193B</b><br>26.5 R 25 Tubeless <sup>(8)</sup> | 123427<br>72625 | 28<br>17.4                 |                             | 675<br>26.6  | 1728<br>68   | 769<br>30.3   | 5190<br>204.3 | 41<br>51.7             |                         | 900<br>237.8         | 22.00/3.0                                       | 22.00/3.0 IF                              |

|            |           |            |           |             |            |           |            |  |  |  |  |  |
|------------|-----------|------------|-----------|-------------|------------|-----------|------------|--|--|--|--|--|
| <b>Bar</b> | <b>2</b>  | <b>2.5</b> | <b>3</b>  | <b>3.25</b> | <b>3.5</b> | <b>4</b>  | <b>4.5</b> |  |  |  |  |  |
| <b>Psi</b> | <b>29</b> | <b>36</b>  | <b>44</b> | <b>47</b>   | <b>51</b>  | <b>58</b> | <b>65</b>  |  |  |  |  |  |

|                           |                                |               |               |               |               |                |                |  |  |  |  |  |
|---------------------------|--------------------------------|---------------|---------------|---------------|---------------|----------------|----------------|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>ARTICULATED DUMP TRUCKS</b> |               |               |               |               |                |                |  |  |  |  |  |
| <b>STANDARD</b>           | 6500<br>14333                  | 7500<br>16538 | 8500<br>18743 | 9000<br>19845 | 9500<br>20948 | 10500<br>23153 | 11500<br>25358 |  |  |  |  |  |

| COMMERCIAL DESCRIPTION                                   | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|----------------------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>X-SUPER TERRAIN+ E4 ** 193B</b><br>26.5 R 25 Tubeless | 039476<br>35486 | 24<br>14.9                 | 221<br>151                  | 691<br>27.2  | 1749<br>68.9 | 783<br>30.8   | 5266<br>207.3 | 54<br>68               |                         | 862<br>227.7         | 22.00/3.0                                       | 22.00/3.0 IF                              |

|            |           |            |           |             |            |           |            |           |  |  |  |  |
|------------|-----------|------------|-----------|-------------|------------|-----------|------------|-----------|--|--|--|--|
| <b>Bar</b> | <b>2</b>  | <b>2.5</b> | <b>3</b>  | <b>3.25</b> | <b>3.5</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  |  |  |  |  |
| <b>Psi</b> | <b>29</b> | <b>36</b>  | <b>44</b> | <b>47</b>   | <b>51</b>  | <b>58</b> | <b>65</b>  | <b>73</b> |  |  |  |  |

|                           |                                |               |               |               |               |                |                |  |  |  |  |  |
|---------------------------|--------------------------------|---------------|---------------|---------------|---------------|----------------|----------------|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>ARTICULATED DUMP TRUCKS</b> |               |               |               |               |                |                |  |  |  |  |  |
| <b>STANDARD</b>           | 6500<br>14333                  | 7500<br>16538 | 8000<br>17640 | 8500<br>18743 | 9500<br>20948 | 10500<br>23153 | 11500<br>25358 |  |  |  |  |  |

| COMMERCIAL DESCRIPTION                        | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|-----------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XHA2 L3 ** 209A2</b><br>26.5 R 25 Tubeless | 893825<br>65348 | 16<br>9.9                  |                             | 678<br>26.7  | 1732<br>68.2 | 740<br>29.1   | 5125<br>201.8 | 41<br>51.7             |                         | 879<br>232.2         | 22.00/3.0                                       | 22.00/3.0 IF                              |

|            |           |            |           |            |           |            |           |            |  |  |  |  |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|--|--|--|--|
| <b>Bar</b> | <b>2</b>  | <b>2.5</b> | <b>3</b>  | <b>3.5</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> |  |  |  |  |
| <b>Psi</b> | <b>29</b> | <b>36</b>  | <b>44</b> | <b>51</b>  | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  |  |  |  |  |

|                           |                |                |                |                |                |                |                |                |  |  |  |  |
|---------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>LOADERS</b> |                |                |                |                |                |                |                |  |  |  |  |
| <b>FRONT LADEN</b>        | 9300<br>20507  | 10300<br>22712 | 12150<br>26791 | 13600<br>29988 | 15000<br>33075 | 16150<br>35611 | 17350<br>38257 | 18500<br>40793 |  |  |  |  |
| <b>REAR UNLADEN</b>       | 7450<br>16427  | 8250<br>18191  | 9700<br>21389  | 10900<br>24035 | 12000<br>26460 | 12900<br>28445 | 13900<br>30650 | 14800<br>32634 |  |  |  |  |

|                           |                |               |               |  |  |  |  |  |  |  |  |  |
|---------------------------|----------------|---------------|---------------|--|--|--|--|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>GRADERS</b> |               |               |  |  |  |  |  |  |  |  |  |
| <b>ALL AXLES</b>          | 5400<br>11907  | 6400<br>14112 | 7500<br>16538 |  |  |  |  |  |  |  |  |  |

| COMMERCIAL DESCRIPTION                           | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|--------------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XK A L3 **</b><br>26.5 R 25 Tubeless (8 - 12) | 273360<br>45856 | 14<br>8.7                  |                             | 714<br>28.1  | 1734<br>68.3 | 763<br>30     | 5186<br>204.2 | 35<br>44.1             |                         | 855<br>225.9         | 22.00/3.0                                       | 22.00/3.0 IF                              |

|            |           |           |            |           |            |           |            |  |  |  |  |  |
|------------|-----------|-----------|------------|-----------|------------|-----------|------------|--|--|--|--|--|
| <b>Bar</b> | <b>3</b>  | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>6.5</b> |  |  |  |  |  |
| <b>Psi</b> | <b>44</b> | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  | <b>87</b> | <b>94</b>  |  |  |  |  |  |

|                           |                |                |                |                |                |                |                |  |  |  |  |  |
|---------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>LOADERS</b> |                |                |                |                |                |                |  |  |  |  |  |
| <b>FRONT LADEN</b>        | 10300<br>22712 | 12850<br>28334 | 14000<br>30870 | 15000<br>33075 | 16000<br>35280 | 17000<br>37485 | 18500<br>40793 |  |  |  |  |  |
| <b>REAR UNLADEN</b>       | 8240<br>18169  | 10280<br>22667 | 11200<br>24696 | 12000<br>26460 | 12800<br>28224 | 13600<br>29988 | 14800<br>32634 |  |  |  |  |  |

|                           |                                      |                |                |                |                |                |                |  |  |  |  |  |
|---------------------------|--------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>UNDERGROUND TRANSPORT MACHINE</b> |                |                |                |                |                |                |  |  |  |  |  |
| <b>ALL AXLES</b>          | 9000<br>19845                        | 11200<br>24696 | 12500<br>27563 | 13200<br>29106 | 14500<br>31973 | 15500<br>34178 | 16500<br>36383 |  |  |  |  |  |

### TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI

| COMMERCIAL DESCRIPTION                                              | CAI MSPN      | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch   | D<br>mm inch   | R'<br>mm inch  | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|---------------------------------------------------------------------|---------------|----------------------------|-----------------------------|----------------|----------------|----------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XSM DN L3S</b><br><b>26.5 R 25 Tubeless <sup>(9)</sup></b>       | 123022        | 10<br>6.2                  |                             | 724<br>28.5    | 1726<br>68     | 770<br>30.3    | 5189<br>204.3  | 48<br>60.5             |                         | 890<br>235.1         | 22.00/3.0                                       | 22.00/3.0 IF                              |
| <b>Bar</b>                                                          | <b>2</b>      | <b>2.5</b>                 |                             | <b>3</b>       | <b>3.5</b>     | <b>4</b>       | <b>4.5</b>     | <b>5</b>               | <b>5.5</b>              |                      |                                                 |                                           |
| <b>Psi</b>                                                          | <b>29</b>     | <b>36</b>                  |                             | <b>44</b>      | <b>51</b>      | <b>58</b>      | <b>65</b>      | <b>73</b>              | <b>80</b>               |                      |                                                 |                                           |
| <b>Machine - Use ( kg - lbs)      LOADERS</b>                       |               |                            |                             |                |                |                |                |                        |                         |                      |                                                 |                                           |
| FRONT LADEN                                                         | 9300<br>20507 | 10300<br>22712             |                             | 12150<br>26791 | 13600<br>29988 | 15000<br>33075 | 16150<br>35611 | 17350<br>38257         | 18500<br>40793          |                      |                                                 |                                           |
| REAR UNLADEN                                                        | 7450<br>16427 | 8250<br>18191              |                             | 9700<br>21389  | 10900<br>24035 | 12000<br>26460 | 12900<br>28445 | 13900<br>30650         | 14800<br>32634          |                      |                                                 |                                           |
| <b>Machine - Use ( kg - lbs)      UNDERGROUND TRANSPORT MACHINE</b> |               |                            |                             |                |                |                |                |                        |                         |                      |                                                 |                                           |
| ALL AXLES                                                           |               |                            |                             | 9000<br>19845  | 10300<br>22712 | 11200<br>24696 | 12500<br>27563 | 13200<br>29106         | 14500<br>31973          |                      |                                                 |                                           |

| COMMERCIAL DESCRIPTION                              | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch   | D<br>mm inch   | R'<br>mm inch  | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|-----------------------------------------------------|-----------------|----------------------------|-----------------------------|----------------|----------------|----------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XSM DN+ L3S ***</b><br><b>26.5 R 25 Tubeless</b> | 569259<br>29138 | 10<br>6.2                  |                             | 704<br>27.7    | 1727<br>68     | 770<br>30.3    | 5192<br>204.4  | 44<br>55.4             |                         | 836<br>220.9         | 22.00/3.0                                       | 22.00/3.0 IF                              |
| <b>Bar</b>                                          | <b>3</b>        | <b>4</b>                   |                             | <b>4.5</b>     | <b>5</b>       | <b>5.5</b>     | <b>6</b>       | <b>6.5</b>             | <b>7</b>                | <b>7.5</b>           | <b>8</b>                                        |                                           |
| <b>Psi</b>                                          | <b>44</b>       | <b>58</b>                  |                             | <b>65</b>      | <b>73</b>      | <b>80</b>      | <b>87</b>      | <b>94</b>              | <b>102</b>              | <b>109</b>           | <b>116</b>                                      |                                           |
| <b>Machine - Use ( kg - lbs)      LOADERS</b>       |                 |                            |                             |                |                |                |                |                        |                         |                      |                                                 |                                           |
| FRONT LADEN                                         | 10300<br>22712  | 12850<br>28334             |                             | 14000<br>30870 | 15000<br>33075 | 16000<br>35280 | 17000<br>37485 | 18500<br>40793         | 19500<br>42998          | 20600<br>45423       | 21200<br>46746                                  |                                           |
| REAR UNLADEN                                        | 9100<br>20066   | 10600<br>23373             |                             | 11450<br>25247 | 12300<br>27122 | 13100<br>28886 | 13800<br>30429 | 14650<br>32303         | 15400<br>33957          | 16200<br>35721       | 16850<br>37154                                  |                                           |

| COMMERCIAL DESCRIPTION                                        | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch  | D<br>mm inch  | R'<br>mm inch | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|---------------------------------------------------------------|-----------------|----------------------------|-----------------------------|---------------|---------------|---------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XTRA DEFEND 193B</b><br><b>26.5 R 25 Tubeless</b>          | 740832<br>61680 | 24<br>14.9                 | 221<br>151                  | 698<br>27.5   | 1740<br>68.5  | 775<br>30.5   | 5228<br>205.8  | 59.5<br>75             |                         | 870<br>229.9         | 22.00/3.0                                       | 22.00/3.0 IF                              |
| <b>Bar</b>                                                    | <b>2</b>        | <b>2.5</b>                 |                             | <b>3</b>      | <b>3.25</b>   | <b>3.5</b>    | <b>4</b>       | <b>4.5</b>             |                         |                      |                                                 |                                           |
| <b>Psi</b>                                                    | <b>29</b>       | <b>36</b>                  |                             | <b>44</b>     | <b>47</b>     | <b>51</b>     | <b>58</b>      | <b>65</b>              |                         |                      |                                                 |                                           |
| <b>Machine - Use ( kg - lbs)      ARTICULATED DUMP TRUCKS</b> |                 |                            |                             |               |               |               |                |                        |                         |                      |                                                 |                                           |
| STANDARD                                                      | 6500<br>14333   | 7500<br>16538              |                             | 8500<br>18743 | 9000<br>19845 | 9500<br>20948 | 10500<br>23153 | 11500<br>25358         |                         |                      |                                                 |                                           |

| COMMERCIAL DESCRIPTION                                              | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch   | D<br>mm inch   | R'<br>mm inch  | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|---------------------------------------------------------------------|-----------------|----------------------------|-----------------------------|----------------|----------------|----------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XLD D1 A L4R *</b><br><b>26.5 R 25 Tubeless</b>                  | 123495<br>70042 | 14<br>8.7                  |                             | 690<br>27.2    | 1803<br>71     | 780<br>30.7    | 5360<br>211    | 53<br>66.8             |                         | 947<br>250.2         | 22.00/3.0                                       | 22.00/3.0 IF                              |
| <b>Bar</b>                                                          | <b>2</b>        | <b>2.5</b>                 |                             | <b>3</b>       | <b>3.5</b>     | <b>4</b>       | <b>4.5</b>     | <b>5</b>               | <b>5.5</b>              |                      |                                                 |                                           |
| <b>Psi</b>                                                          | <b>29</b>       | <b>36</b>                  |                             | <b>44</b>      | <b>51</b>      | <b>58</b>      | <b>65</b>      | <b>73</b>              | <b>80</b>               |                      |                                                 |                                           |
| <b>Machine - Use ( kg - lbs)      LOADERS</b>                       |                 |                            |                             |                |                |                |                |                        |                         |                      |                                                 |                                           |
| FRONT LADEN                                                         | 9300<br>20507   | 10300<br>22712             |                             | 12150<br>26791 | 13600<br>29988 | 15000<br>33075 | 16150<br>35611 | 17350<br>38257         | 18500<br>40793          |                      |                                                 |                                           |
| REAR UNLADEN                                                        | 7450<br>16427   | 8250<br>18191              |                             | 9700<br>21389  | 10900<br>24035 | 12000<br>26460 | 12900<br>28445 | 13900<br>30650         | 14800<br>32634          |                      |                                                 |                                           |
| <b>Machine - Use ( kg - lbs)      UNDERGROUND TRANSPORT MACHINE</b> |                 |                            |                             |                |                |                |                |                        |                         |                      |                                                 |                                           |
| ALL AXLES                                                           |                 |                            |                             | 9000<br>19845  | 10300<br>22712 | 11200<br>24696 | 12500<br>27563 | 13200<br>29106         | 14500<br>31973          |                      |                                                 |                                           |

### TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI

| COMMERCIAL DESCRIPTION                             | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|----------------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XLD D2 A LST *</b><br><b>26.5 R 25 Tubeless</b> | 123094<br>33046 | 10<br>6.2                  |                             | 687<br>27    | 1800<br>70.9 | 778<br>30.6   | 5348<br>210.6 | 87<br>109.6            |                         | 825<br>218           | 22.00/3.0                                       | 22.00/3.0 IF                              |

|            |           |            |           |            |           |            |           |            |  |  |  |  |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|--|--|--|--|
| <b>Bar</b> | <b>2</b>  | <b>2.5</b> | <b>3</b>  | <b>3.5</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> |  |  |  |  |
| <b>Psi</b> | <b>29</b> | <b>36</b>  | <b>44</b> | <b>51</b>  | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  |  |  |  |  |

|                           |                |                |                |                |                |                |                |                |  |  |  |  |
|---------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>LOADERS</b> |                |                |                |                |                |                |                |  |  |  |  |
| FRONT LADEN               | 9300<br>20507  | 10300<br>22712 | 12150<br>26791 | 13600<br>29988 | 15000<br>33075 | 16150<br>35611 | 17350<br>38257 | 18500<br>40793 |  |  |  |  |
| REAR UNLADEN              | 7450<br>16427  | 8250<br>18191  | 9700<br>21389  | 10900<br>24035 | 12000<br>26460 | 12900<br>28445 | 13900<br>30650 | 14800<br>32634 |  |  |  |  |

|                           |                                      |  |               |                |                |                |                |                |  |  |  |  |
|---------------------------|--------------------------------------|--|---------------|----------------|----------------|----------------|----------------|----------------|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>UNDERGROUND TRANSPORT MACHINE</b> |  |               |                |                |                |                |                |  |  |  |  |
| ALL AXLES                 |                                      |  | 9000<br>19845 | 10300<br>22712 | 11200<br>24696 | 12500<br>27563 | 13200<br>29106 | 14500<br>31973 |  |  |  |  |

| COMMERCIAL DESCRIPTION                             | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|----------------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XMINE D2 L5 **</b><br><b>26.5 R 25 Tubeless</b> | 164572<br>33205 | 6<br>3.7                   |                             | 718<br>28.3  | 1795<br>70.7 | 807<br>31.8   | 5413<br>213.1 | 91<br>114.6            |                         | 812<br>214.5         | 22.00/3.0                                       | 22.00/3.0 IF                              |

|            |           |           |            |           |            |           |            |  |  |  |  |  |
|------------|-----------|-----------|------------|-----------|------------|-----------|------------|--|--|--|--|--|
| <b>Bar</b> | <b>3</b>  | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>6.5</b> |  |  |  |  |  |
| <b>Psi</b> | <b>44</b> | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  | <b>87</b> | <b>94</b>  |  |  |  |  |  |

|                           |                |                |                |                |                |                |                |  |  |  |  |  |
|---------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>LOADERS</b> |                |                |                |                |                |                |  |  |  |  |  |
| FRONT LADEN               | 10300<br>22712 | 12850<br>28334 | 14000<br>30870 | 15000<br>33075 | 16000<br>35280 | 17000<br>37485 | 18500<br>40793 |  |  |  |  |  |
| REAR UNLADEN              | 8240<br>18169  | 10280<br>22667 | 11200<br>24696 | 12000<br>26460 | 12800<br>28224 | 13600<br>29988 | 14800<br>32634 |  |  |  |  |  |

|                           |                                      |                |                |                |                |                |                |  |  |  |  |  |
|---------------------------|--------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>UNDERGROUND TRANSPORT MACHINE</b> |                |                |                |                |                |                |  |  |  |  |  |
| ALL AXLES                 | 9000<br>19845                        | 11200<br>24696 | 12500<br>27563 | 13200<br>29106 | 14500<br>31973 | 15500<br>34178 | 16500<br>36383 |  |  |  |  |  |

| COMMERCIAL DESCRIPTION                                            | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|-------------------------------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XMINE D2 L5R *</b><br><b>26.5 R 25 Tubeless <sup>(8)</sup></b> | 273400<br>21337 | 6<br>3.7                   |                             | 718<br>28.3  | 1794<br>70.6 | 751<br>29.6   | 5269<br>207.4 | 91<br>114.6            |                         | 820<br>216.6         | 22.00/3.0                                       | 22.00/3.0 IF                              |

|            |           |            |           |            |           |            |           |            |  |  |  |  |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|--|--|--|--|
| <b>Bar</b> | <b>2</b>  | <b>2.5</b> | <b>3</b>  | <b>3.5</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> |  |  |  |  |
| <b>Psi</b> | <b>29</b> | <b>36</b>  | <b>44</b> | <b>51</b>  | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  |  |  |  |  |

|                           |                |                |                |                |                |                |                |                |  |  |  |  |
|---------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>LOADERS</b> |                |                |                |                |                |                |                |  |  |  |  |
| FRONT LADEN               | 9300<br>20507  | 10300<br>22712 | 12150<br>26791 | 13600<br>29988 | 15000<br>33075 | 16150<br>35611 | 17350<br>38257 | 18500<br>40793 |  |  |  |  |
| REAR UNLADEN              | 7450<br>16427  | 8250<br>18191  | 9700<br>21389  | 10900<br>24035 | 12000<br>26460 | 12900<br>28445 | 13900<br>30650 | 14800<br>32634 |  |  |  |  |

|                           |                                      |  |               |                |                |                |                |                |  |  |  |  |
|---------------------------|--------------------------------------|--|---------------|----------------|----------------|----------------|----------------|----------------|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>UNDERGROUND TRANSPORT MACHINE</b> |  |               |                |                |                |                |                |  |  |  |  |
| ALL AXLES                 |                                      |  | 9000<br>19845 | 10300<br>22712 | 11200<br>24696 | 12500<br>27563 | 13200<br>29106 | 14500<br>31973 |  |  |  |  |

| COMMERCIAL DESCRIPTION                                                 | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch  | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|------------------------------------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|---------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XMINE D2 PRO L5 ***</b><br><b>26.5 R 25 Tubeless <sup>(8)</sup></b> | 858472<br>21836 | 724<br>28.5                | 1789<br>70.4                | 797<br>31.4  | 5377<br>211.7 | 91<br>114.6   |               | 812<br>214.5           |                         | 820<br>216.6         | 22.00/3.0                                       | 22.00/3.0 IF                              |

|            |           |           |            |           |            |           |            |            |  |  |  |  |
|------------|-----------|-----------|------------|-----------|------------|-----------|------------|------------|--|--|--|--|
| <b>Bar</b> | <b>3</b>  | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>6.5</b> | <b>7</b>   |  |  |  |  |
| <b>Psi</b> | <b>44</b> | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  | <b>87</b> | <b>94</b>  | <b>102</b> |  |  |  |  |

|                           |                |                |                |                |                |                |                |                |  |  |  |  |
|---------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>LOADERS</b> |                |                |                |                |                |                |                |  |  |  |  |
| FRONT LADEN               | 10300<br>22712 | 12850<br>28334 | 14000<br>30870 | 15000<br>33075 | 16000<br>35280 | 17000<br>37485 | 18500<br>40793 | 21200<br>46746 |  |  |  |  |
| REAR UNLADEN              | 8240<br>18169  | 10500<br>23153 | 11200<br>24696 | 12000<br>26460 | 12800<br>28224 | 13600<br>29988 | 14800<br>32634 | 16960<br>37397 |  |  |  |  |

|                           |                                      |                |                |                |                |                |                |                |  |  |  |  |
|---------------------------|--------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>UNDERGROUND TRANSPORT MACHINE</b> |                |                |                |                |                |                |                |  |  |  |  |
| ALL AXLES                 | 9000<br>19845                        | 11500<br>25358 | 12500<br>27563 | 13200<br>29106 | 14500<br>31973 | 15500<br>34178 | 16500<br>36383 | 19000<br>41895 |  |  |  |  |



### TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI

| COMMERCIAL DESCRIPTION                             | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|----------------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XSM D2+ L5S **</b><br><b>26.5 R 25 Tubeless</b> | 995669<br>93041 | 4<br>2.5                   |                             | 692<br>27.2  | 1790<br>70.5 | 806<br>31.7   | 5400<br>212.6 | 102<br>128.5           |                         | 771<br>203.7         | 22.00/3.0                                       | 22.00/3.0 IF                              |

|            |           |           |            |           |            |           |            |  |  |  |  |  |
|------------|-----------|-----------|------------|-----------|------------|-----------|------------|--|--|--|--|--|
| <b>Bar</b> | <b>3</b>  | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>6.5</b> |  |  |  |  |  |
| <b>Psi</b> | <b>44</b> | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  | <b>87</b> | <b>94</b>  |  |  |  |  |  |

|                           |                |                |                |                |                |                |                |  |  |  |  |  |
|---------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>LOADERS</b> |                |                |                |                |                |                |  |  |  |  |  |
| FRONT LADEN               | 10300<br>22712 | 12850<br>28334 | 14000<br>30870 | 15000<br>33075 | 16000<br>35280 | 17000<br>37485 | 18500<br>40793 |  |  |  |  |  |
| REAR UNLADEN              | 8240<br>18169  | 10280<br>22667 | 11200<br>24696 | 12000<br>26460 | 12800<br>28224 | 13600<br>29988 | 14800<br>32634 |  |  |  |  |  |

| COMMERCIAL DESCRIPTION                                  | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|---------------------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XSM D2+ PRO L5S ***</b><br><b>26.5 R 25 Tubeless</b> | 183806<br>74661 | 4<br>2.5                   |                             | 693<br>27.3  | 1788<br>70.4 | 798<br>31.4   | 5376<br>211.7 | 102<br>128.5           |                         | 771<br>203.7         | 22.00/3.0                                       | 22.00/3.0 IF                              |

|            |           |           |            |           |            |           |            |            |  |  |  |  |
|------------|-----------|-----------|------------|-----------|------------|-----------|------------|------------|--|--|--|--|
| <b>Bar</b> | <b>3</b>  | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>6.5</b> | <b>7</b>   |  |  |  |  |
| <b>Psi</b> | <b>44</b> | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  | <b>87</b> | <b>94</b>  | <b>102</b> |  |  |  |  |

|                           |                |                |                |                |                |                |                |                |  |  |  |  |
|---------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>LOADER</b>  |                |                |                |                |                |                |                |  |  |  |  |
| FRONT LADEN               | 10300<br>22712 | 12850<br>28334 | 14000<br>30870 | 15000<br>33075 | 16000<br>35280 | 17000<br>37485 | 18500<br>40793 | 21200<br>46746 |  |  |  |  |
| REAR UNLADEN              | 8240<br>18169  | 10500<br>23153 | 11200<br>24696 | 12000<br>26460 | 12800<br>28224 | 13600<br>29988 | 14800<br>32634 | 16960<br>37397 |  |  |  |  |

| COMMERCIAL DESCRIPTION                                        | CAI MSPN        | Max. dist./hour<br>km mile                | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|---------------------------------------------------------------|-----------------|-------------------------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XTXL E4 **** L4 *** 214A2</b><br><b>26.5 R 25 Tubeless</b> | 039149<br>06534 | 14<br>8.7<br>if load per<br>tire <=18.5 t | 180<br>123                  | 687<br>27    | 1722<br>67.8 | 755<br>29.7   | 5143<br>202.5 | 54<br>68               |                         | 789<br>208.5         | 22.00/3.0                                       | 22.00/3.0 IF                              |
|                                                               |                 | 12<br>7.5<br>if load per<br>tire >18.5 t  |                             |              |              |               |               |                        |                         |                      |                                                 |                                           |

|            |           |           |            |           |            |           |            |            |            |            |  |  |
|------------|-----------|-----------|------------|-----------|------------|-----------|------------|------------|------------|------------|--|--|
| <b>Bar</b> | <b>3</b>  | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>6.5</b> | <b>7</b>   | <b>7.5</b> | <b>8</b>   |  |  |
| <b>Psi</b> | <b>44</b> | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  | <b>87</b> | <b>94</b>  | <b>102</b> | <b>109</b> | <b>116</b> |  |  |

|                           |                                          |                |                |                |                |                |                |  |  |  |  |  |
|---------------------------|------------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>LOADER LOAD PER TIRE &lt;= 18.5 T</b> |                |                |                |                |                |                |  |  |  |  |  |
| FRONT LADEN               | 10300<br>22712                           | 12850<br>28334 | 14000<br>30870 | 15000<br>33075 | 16000<br>35280 | 17000<br>37485 | 18500<br>40793 |  |  |  |  |  |
| REAR UNLADEN              | 8240<br>18169                            | 10280<br>22667 | 11200<br>24696 | 12000<br>26460 | 12800<br>28224 | 13600<br>29988 | 14800<br>32634 |  |  |  |  |  |

|                           |                                         |  |  |  |  |  |  |  |  |                |                |                |
|---------------------------|-----------------------------------------|--|--|--|--|--|--|--|--|----------------|----------------|----------------|
| Machine - Use ( kg - lbs) | <b>LOADER LOAD PER TIRE &gt; 18.5 T</b> |  |  |  |  |  |  |  |  |                |                |                |
| FRONT LADEN               |                                         |  |  |  |  |  |  |  |  | 19500<br>42998 | 20600<br>45423 | 21200<br>46746 |
| REAR UNLADEN              |                                         |  |  |  |  |  |  |  |  | 15600<br>34398 | 16480<br>36338 | 16960<br>37397 |

|                           |                                      |                |                |                |                |                |                |                |                |                |  |  |
|---------------------------|--------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--|--|
| Machine - Use ( kg - lbs) | <b>UNDERGROUND TRANSPORT MACHINE</b> |                |                |                |                |                |                |                |                |                |  |  |
| ALL AXLES                 | 9000<br>19845                        | 11200<br>24696 | 12500<br>27563 | 13200<br>29106 | 14500<br>31973 | 15500<br>34178 | 16500<br>36383 | 17000<br>37485 | 18000<br>39690 | 19000<br>41895 |  |  |

| COMMERCIAL DESCRIPTION                           | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|--------------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XTXL E4 ****</b><br><b>26.5 R 25 Tubeless</b> | 321951<br>81060 |                            | 180<br>123                  | 687<br>27    | 1722<br>67.8 | 763<br>30     | 5164<br>203.3 | 54<br>68               |                         | 817<br>215.9         | 22.00/3.0                                       | 22.00/3.0 IF                              |

|            |           |           |            |           |            |           |            |            |            |            |  |  |
|------------|-----------|-----------|------------|-----------|------------|-----------|------------|------------|------------|------------|--|--|
| <b>Bar</b> | <b>3</b>  | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>6.5</b> | <b>7</b>   | <b>7.5</b> | <b>8</b>   |  |  |
| <b>Psi</b> | <b>44</b> | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  | <b>87</b> | <b>94</b>  | <b>102</b> | <b>109</b> | <b>116</b> |  |  |

|                           |                                      |                |                |                |                |                |                |                |                |                |  |  |
|---------------------------|--------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--|--|
| Machine - Use ( kg - lbs) | <b>UNDERGROUND TRANSPORT MACHINE</b> |                |                |                |                |                |                |                |                |                |  |  |
| ALL AXLES                 | 9000<br>19845                        | 11200<br>24696 | 12500<br>27563 | 13200<br>29106 | 14500<br>31973 | 15500<br>34178 | 16500<br>36383 | 17000<br>37485 | 18000<br>39690 | 19000<br>41895 |  |  |

### TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI

| COMMERCIAL DESCRIPTION                           | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|--------------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XL B E2 195E</b><br><b>26.5 R 25 Tubeless</b> | 123484<br>44209 | 70<br>43.5                 |                             | 670<br>26.4  | 1752<br>69   | 800<br>31.5   | 5313<br>209.2 | 30<br>37.8             |                         | 860<br>227.2         | 22.00/3.0                                       |                                           |

|            |           |           |           |           |           |            |  |  |  |  |  |  |
|------------|-----------|-----------|-----------|-----------|-----------|------------|--|--|--|--|--|--|
| <b>Bar</b> | <b>2</b>  | <b>3</b>  | <b>4</b>  | <b>5</b>  | <b>6</b>  | <b>7</b>   |  |  |  |  |  |  |
| <b>Psi</b> | <b>29</b> | <b>44</b> | <b>58</b> | <b>73</b> | <b>87</b> | <b>102</b> |  |  |  |  |  |  |

#### Machine - Use ( kg - lbs) CRANES AND SIMILAR SPECIALIZED MACHINES

|                    |               |               |               |                |                |                |  |  |  |  |  |  |
|--------------------|---------------|---------------|---------------|----------------|----------------|----------------|--|--|--|--|--|--|
| 30 KM/H<br>19 MPH  | 5850<br>12899 | 7800<br>17199 | 9750<br>21499 | 11800<br>26019 | 13800<br>30429 | 15800<br>34839 |  |  |  |  |  |  |
| 40 KM/H<br>25 MPH  | 5600<br>12348 | 7450<br>16427 | 9300<br>20507 | 11200<br>24696 | 13100<br>28886 | 15100<br>33296 |  |  |  |  |  |  |
| 50 KM/H<br>31 MPH  | 5300<br>11687 | 7100<br>15656 | 8850<br>19514 | 10700<br>23594 | 12500<br>27563 | 14300<br>31532 |  |  |  |  |  |  |
| 65 KM/H<br>40 MPH  | 4825<br>10639 | 6400<br>14112 | 8050<br>17750 | 9700<br>21389  | 11300<br>24917 | 13000<br>28665 |  |  |  |  |  |  |
| 70 KM/H<br>43 MPH  | 4500<br>9923  | 6000<br>13230 | 7500<br>16538 | 9050<br>19955  | 10600<br>23373 | 12150<br>26791 |  |  |  |  |  |  |
| 80 KM/H<br>50 MPH  | 3700<br>8159  | 4925<br>10860 | 6150<br>13561 | 7400<br>16317  | 8700<br>19184  | 9950<br>21940  |  |  |  |  |  |  |
| 90 KM/H<br>56 MPH  | 3150<br>6946  | 4200<br>9261  | 5250<br>11576 | 6350<br>14002  | 7400<br>16317  | 8400<br>18522  |  |  |  |  |  |  |
| 100 KM/H<br>62 MPH | 2700<br>5954  | 3600<br>7938  | 4500<br>9923  | 5450<br>12017  | 6350<br>14002  | 7300<br>16097  |  |  |  |  |  |  |

| COMMERCIAL DESCRIPTION                               | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|------------------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XADN+ E3 ** 200B</b><br><b>29.5 R 25 Tubeless</b> | 597428<br>40883 | 28<br>17.4                 | 314<br>215                  | 767<br>30.2  | 1858<br>73.1 | 826<br>32.5   | 5578<br>219.6 | 44<br>55.4             |                         | 1221<br>322.6        | 25.00/3.5                                       |                                           |

|            |           |            |           |             |            |           |            |           |  |  |  |  |
|------------|-----------|------------|-----------|-------------|------------|-----------|------------|-----------|--|--|--|--|
| <b>Bar</b> | <b>2</b>  | <b>2.5</b> | <b>3</b>  | <b>3.25</b> | <b>3.5</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  |  |  |  |  |
| <b>Psi</b> | <b>29</b> | <b>36</b>  | <b>44</b> | <b>47</b>   | <b>51</b>  | <b>58</b> | <b>65</b>  | <b>73</b> |  |  |  |  |

#### Machine - Use ( kg - lbs) ARTICULATED DUMP TRUCKS

|          |  |               |               |               |                |                |                |                |  |  |  |  |
|----------|--|---------------|---------------|---------------|----------------|----------------|----------------|----------------|--|--|--|--|
| STANDARD |  | 7800<br>17199 | 9050<br>19955 | 9675<br>21333 | 10300<br>22712 | 11500<br>25358 | 12750<br>28114 | 14000<br>30870 |  |  |  |  |
|----------|--|---------------|---------------|---------------|----------------|----------------|----------------|----------------|--|--|--|--|

| COMMERCIAL DESCRIPTION                                  | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|---------------------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XADN+ B4 E3 ** 200B</b><br><b>29.5 R 25 Tubeless</b> | 101786<br>18042 | 28<br>17.4                 | 314<br>215                  | 767<br>30.2  | 1858<br>73.1 | 826<br>32.5   | 5578<br>219.6 | 44<br>55.4             |                         | 1221<br>322.6        | 25.00/3.5                                       |                                           |

|            |           |            |           |             |            |           |            |           |  |  |  |  |
|------------|-----------|------------|-----------|-------------|------------|-----------|------------|-----------|--|--|--|--|
| <b>Bar</b> | <b>2</b>  | <b>2.5</b> | <b>3</b>  | <b>3.25</b> | <b>3.5</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  |  |  |  |  |
| <b>Psi</b> | <b>29</b> | <b>36</b>  | <b>44</b> | <b>47</b>   | <b>51</b>  | <b>58</b> | <b>65</b>  | <b>73</b> |  |  |  |  |

#### Machine - Use ( kg - lbs) ARTICULATED DUMP TRUCKS

|          |  |               |               |               |                |                |                |                |  |  |  |  |
|----------|--|---------------|---------------|---------------|----------------|----------------|----------------|----------------|--|--|--|--|
| STANDARD |  | 7800<br>17199 | 9050<br>19955 | 9675<br>21333 | 10300<br>22712 | 11500<br>25358 | 12750<br>28114 | 14000<br>30870 |  |  |  |  |
|----------|--|---------------|---------------|---------------|----------------|----------------|----------------|----------------|--|--|--|--|

| COMMERCIAL DESCRIPTION                                          | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|-----------------------------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>X-SUPER TERRAIN+ E4 ** 200B</b><br><b>29.5 R 25 Tubeless</b> | 973483<br>35924 | 22<br>13.7                 | 246<br>169                  | 769<br>30.3  | 1869<br>73.6 | 836<br>32.9   | 5625<br>221.5 | 60<br>75.6             |                         | 1152<br>304.4        | 25.00/3.5                                       |                                           |

|            |           |            |           |             |            |           |            |           |  |  |  |  |
|------------|-----------|------------|-----------|-------------|------------|-----------|------------|-----------|--|--|--|--|
| <b>Bar</b> | <b>2</b>  | <b>2.5</b> | <b>3</b>  | <b>3.25</b> | <b>3.5</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  |  |  |  |  |
| <b>Psi</b> | <b>29</b> | <b>36</b>  | <b>44</b> | <b>47</b>   | <b>51</b>  | <b>58</b> | <b>65</b>  | <b>73</b> |  |  |  |  |

#### Machine - Use ( kg - lbs) ARTICULATED DUMP TRUCKS

|          |  |               |               |               |                |                |                |                |  |  |  |  |
|----------|--|---------------|---------------|---------------|----------------|----------------|----------------|----------------|--|--|--|--|
| STANDARD |  | 7800<br>17199 | 9050<br>19955 | 9675<br>21333 | 10300<br>22712 | 11500<br>25358 | 12750<br>28114 | 14000<br>30870 |  |  |  |  |
|----------|--|---------------|---------------|---------------|----------------|----------------|----------------|----------------|--|--|--|--|

### TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI

| COMMERCIAL DESCRIPTION                        | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|-----------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XHA2 L3 ** 216A2</b><br>29.5 R 25 Tubeless | 961307<br>82493 | 16<br>9.9                  |                             | 747<br>29.4  | 1860<br>73.2 | 795<br>31.3   | 5504<br>216.7 | 43<br>54.2             |                         | 1177<br>311          | 25.00/3.5                                       |                                           |

|            |           |            |           |            |           |            |           |            |  |  |  |  |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|--|--|--|--|
| <b>Bar</b> | <b>2</b>  | <b>2.5</b> | <b>3</b>  | <b>3.5</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> |  |  |  |  |
| <b>Psi</b> | <b>29</b> | <b>36</b>  | <b>44</b> | <b>51</b>  | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  |  |  |  |  |

|                           |                |                |                |                |                |                |                |                |  |  |  |  |
|---------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>LOADERS</b> |                |                |                |                |                |                |                |  |  |  |  |
| FRONT LADEN               | 11150<br>24586 | 12300<br>27122 | 14600<br>32193 | 16300<br>35942 | 18000<br>39690 | 19450<br>42887 | 20950<br>46195 | 22400<br>49392 |  |  |  |  |
| REAR UNLADEN              | 8900<br>19625  | 9850<br>21719  | 11700<br>25799 | 13050<br>28775 | 14400<br>31752 | 15550<br>34288 | 16750<br>36934 | 17900<br>39470 |  |  |  |  |

| COMMERCIAL DESCRIPTION                           | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|--------------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XK A L3 **</b><br>29.5 R 25 Tubeless (8 - 12) | 273560<br>28209 | 14<br>8.7                  |                             | 793<br>31.2  | 1862<br>73.3 | 802<br>31.6   | 5525<br>217.5 | 38<br>47.9             |                         | 1145<br>302.5        | 25.00/3.5                                       |                                           |

|            |           |            |           |            |           |            |           |            |  |  |  |  |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|--|--|--|--|
| <b>Bar</b> | <b>2</b>  | <b>2.5</b> | <b>3</b>  | <b>3.5</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> |  |  |  |  |
| <b>Psi</b> | <b>29</b> | <b>36</b>  | <b>44</b> | <b>51</b>  | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  |  |  |  |  |

|                           |                |                |                |                |                |                |                |                |  |  |  |  |
|---------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>LOADERS</b> |                |                |                |                |                |                |                |  |  |  |  |
| FRONT LADEN               | 11150<br>24586 | 12300<br>27122 | 14600<br>32193 | 16300<br>35942 | 18000<br>39690 | 19450<br>42887 | 20950<br>46195 | 22400<br>49392 |  |  |  |  |
| REAR UNLADEN              | 8900<br>19625  | 9850<br>21719  | 11700<br>25799 | 13050<br>28775 | 14400<br>31752 | 15550<br>34288 | 16750<br>36934 | 17900<br>39470 |  |  |  |  |

|                           |                                      |  |                |                |                |                |                |                |  |  |  |  |
|---------------------------|--------------------------------------|--|----------------|----------------|----------------|----------------|----------------|----------------|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>UNDERGROUND TRANSPORT MACHINE</b> |  |                |                |                |                |                |                |  |  |  |  |
| ALL AXLES                 |                                      |  | 10900<br>24035 | 12150<br>26791 | 13600<br>29988 | 15000<br>33075 | 16000<br>35280 | 17500<br>38588 |  |  |  |  |

| COMMERCIAL DESCRIPTION                      | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|---------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XLD D1 A L4R *</b><br>29.5 R 25 Tubeless | 123741<br>90432 | 14<br>8.7                  |                             | 769<br>30.3  | 1906<br>75   | 821<br>32.3   | 5656<br>222.7 | 58<br>73.1             |                         | 1171<br>309.4        | 25.00/3.5                                       |                                           |

|            |           |            |           |            |           |            |           |            |  |  |  |  |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|--|--|--|--|
| <b>Bar</b> | <b>2</b>  | <b>2.5</b> | <b>3</b>  | <b>3.5</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> |  |  |  |  |
| <b>Psi</b> | <b>29</b> | <b>36</b>  | <b>44</b> | <b>51</b>  | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  |  |  |  |  |

|                           |                |                |                |                |                |                |                |                |  |  |  |  |
|---------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>LOADERS</b> |                |                |                |                |                |                |                |  |  |  |  |
| FRONT LADEN               | 11150<br>24586 | 12300<br>27122 | 14600<br>32193 | 16300<br>35942 | 18000<br>39690 | 19450<br>42887 | 20950<br>46195 | 22400<br>49392 |  |  |  |  |
| REAR UNLADEN              | 8900<br>19625  | 9850<br>21719  | 11700<br>25799 | 13050<br>28775 | 14400<br>31752 | 15550<br>34288 | 16750<br>36934 | 17900<br>39470 |  |  |  |  |

|                           |                                      |  |                |                |                |                |                |                |  |  |  |  |
|---------------------------|--------------------------------------|--|----------------|----------------|----------------|----------------|----------------|----------------|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>UNDERGROUND TRANSPORT MACHINE</b> |  |                |                |                |                |                |                |  |  |  |  |
| ALL AXLES                 |                                      |  | 10900<br>24035 | 12150<br>26791 | 13600<br>29988 | 15000<br>33075 | 16000<br>35280 | 17500<br>38588 |  |  |  |  |

| COMMERCIAL DESCRIPTION                      | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|---------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XLD D2 A L5T *</b><br>29.5 R 25 Tubeless | 123278<br>28230 | 10<br>6.2                  |                             | 762<br>30    | 1900<br>74.8 | 821<br>32.3   | 5645<br>222.2 | 95<br>119.7            |                         | 985<br>260.2         | 25.00/3.5                                       |                                           |

|            |           |            |           |            |           |            |           |            |  |  |  |  |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|--|--|--|--|
| <b>Bar</b> | <b>2</b>  | <b>2.5</b> | <b>3</b>  | <b>3.5</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> |  |  |  |  |
| <b>Psi</b> | <b>29</b> | <b>36</b>  | <b>44</b> | <b>51</b>  | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  |  |  |  |  |

|                           |                |                |                |                |                |                |                |                |  |  |  |  |
|---------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>LOADERS</b> |                |                |                |                |                |                |                |  |  |  |  |
| FRONT LADEN               | 11150<br>24586 | 12300<br>27122 | 14600<br>32193 | 16300<br>35942 | 18000<br>39690 | 19450<br>42887 | 20950<br>46195 | 22400<br>49392 |  |  |  |  |
| REAR UNLADEN              | 8900<br>19625  | 9850<br>21719  | 11700<br>25799 | 13050<br>28775 | 14400<br>31752 | 15550<br>34288 | 16750<br>36934 | 17900<br>39470 |  |  |  |  |

|                           |                                      |  |                |                |                |                |                |                |  |  |  |  |
|---------------------------|--------------------------------------|--|----------------|----------------|----------------|----------------|----------------|----------------|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>UNDERGROUND TRANSPORT MACHINE</b> |  |                |                |                |                |                |                |  |  |  |  |
| ALL AXLES                 |                                      |  | 10900<br>24035 | 12150<br>26791 | 13600<br>29988 | 15000<br>33075 | 16000<br>35280 | 17500<br>38588 |  |  |  |  |

### TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI

| COMMERCIAL DESCRIPTION                             | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|----------------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XMINE D2 L5 **</b><br><b>29.5 R 25 Tubeless</b> | 221069<br>33387 | 6<br>3.7                   |                             | 804<br>31.7  | 1903<br>74.9 | 850<br>33.5   | 5725<br>225.4 | 99<br>124.7            |                         | 980<br>258.9         | 25.00/3.5                                       |                                           |

|            |           |            |           |            |           |            |           |            |  |  |  |  |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|--|--|--|--|
| <b>Bar</b> | <b>3</b>  | <b>3.5</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>6.5</b> |  |  |  |  |
| <b>Psi</b> | <b>44</b> | <b>51</b>  | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  | <b>87</b> | <b>94</b>  |  |  |  |  |

|                           |                |  |  |  |  |  |  |  |  |  |  |  |
|---------------------------|----------------|--|--|--|--|--|--|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>LOADERS</b> |  |  |  |  |  |  |  |  |  |  |  |
|---------------------------|----------------|--|--|--|--|--|--|--|--|--|--|--|

|              |                |                |                |                |                |                |                |                |  |  |  |  |
|--------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--|--|--|--|
| FRONT LADEN  | 12500<br>27563 | 14000<br>30870 | 15500<br>34178 | 17000<br>37485 | 18000<br>39690 | 19500<br>42998 | 20600<br>45423 | 22400<br>49392 |  |  |  |  |
| REAR UNLADEN | 10000<br>22050 | 11200<br>24696 | 12400<br>27342 | 13600<br>29988 | 14400<br>31752 | 15600<br>34398 | 16480<br>36338 | 17920<br>39514 |  |  |  |  |

|                           |                                      |  |  |  |  |  |  |  |  |  |  |  |
|---------------------------|--------------------------------------|--|--|--|--|--|--|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>UNDERGROUND TRANSPORT MACHINE</b> |  |  |  |  |  |  |  |  |  |  |  |
|---------------------------|--------------------------------------|--|--|--|--|--|--|--|--|--|--|--|

|           |                |                |                |                |                |                |                |                |  |  |  |  |
|-----------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--|--|--|--|
| ALL AXLES | 10900<br>24035 | 12150<br>26791 | 13600<br>29988 | 15000<br>33075 | 16000<br>35280 | 17500<br>38588 | 18500<br>40793 | 19500<br>42998 |  |  |  |  |
|-----------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--|--|--|--|

| COMMERCIAL DESCRIPTION                                          | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|-----------------------------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XMINE D2 L5R</b><br><b>29.5 R 25 Tubeless <sup>(8)</sup></b> | 273527<br>33522 | 6<br>3.7                   |                             | 804<br>31.7  | 1900<br>74.8 | 838<br>33     | 5688<br>223.9 | 100<br>126             |                         | 988<br>261           | 25.00/3.5                                       |                                           |

|            |           |            |           |            |           |            |           |            |  |  |  |  |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|--|--|--|--|
| <b>Bar</b> | <b>2</b>  | <b>2.5</b> | <b>3</b>  | <b>3.5</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> |  |  |  |  |
| <b>Psi</b> | <b>29</b> | <b>36</b>  | <b>44</b> | <b>51</b>  | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  |  |  |  |  |

|                           |                |  |  |  |  |  |  |  |  |  |  |  |
|---------------------------|----------------|--|--|--|--|--|--|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>LOADERS</b> |  |  |  |  |  |  |  |  |  |  |  |
|---------------------------|----------------|--|--|--|--|--|--|--|--|--|--|--|

|              |                |                |                |                |                |                |                |                |  |  |  |  |
|--------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--|--|--|--|
| FRONT LADEN  | 11150<br>24586 | 12300<br>27122 | 14600<br>32193 | 16300<br>35942 | 18000<br>39690 | 19450<br>42887 | 20950<br>46195 | 22400<br>49392 |  |  |  |  |
| REAR UNLADEN | 8900<br>19625  | 9850<br>21719  | 11700<br>25799 | 13050<br>28775 | 14400<br>31752 | 15550<br>34288 | 16750<br>36934 | 17900<br>39470 |  |  |  |  |

|                           |                                      |  |  |  |  |  |  |  |  |  |  |  |
|---------------------------|--------------------------------------|--|--|--|--|--|--|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>UNDERGROUND TRANSPORT MACHINE</b> |  |  |  |  |  |  |  |  |  |  |  |
|---------------------------|--------------------------------------|--|--|--|--|--|--|--|--|--|--|--|

|           |  |  |                |                |                |                |                |                |  |  |  |  |
|-----------|--|--|----------------|----------------|----------------|----------------|----------------|----------------|--|--|--|--|
| ALL AXLES |  |  | 10900<br>24035 | 12150<br>26791 | 13600<br>29988 | 15000<br>33075 | 16000<br>35280 | 17500<br>38588 |  |  |  |  |
|-----------|--|--|----------------|----------------|----------------|----------------|----------------|----------------|--|--|--|--|

| COMMERCIAL DESCRIPTION                                             | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|--------------------------------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XMINE D2 PRO L5</b><br><b>29.5 R 25 Tubeless <sup>(8)</sup></b> | 326526<br>92460 | 6<br>3.7                   |                             | 806<br>31.7  | 1891<br>74.4 | 836<br>32.9   | 5667<br>223.1 | 99<br>124.7            |                         | 980<br>258.9         | 25.00/3.5                                       |                                           |

|            |           |            |           |            |           |            |           |            |            |  |  |  |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|------------|--|--|--|
| <b>Bar</b> | <b>3</b>  | <b>3.5</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>6.5</b> | <b>7</b>   |  |  |  |
| <b>Psi</b> | <b>44</b> | <b>51</b>  | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  | <b>87</b> | <b>94</b>  | <b>102</b> |  |  |  |

|                           |                |  |  |  |  |  |  |  |  |  |  |  |
|---------------------------|----------------|--|--|--|--|--|--|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>LOADERS</b> |  |  |  |  |  |  |  |  |  |  |  |
|---------------------------|----------------|--|--|--|--|--|--|--|--|--|--|--|

|              |                |                |                |                |                |                |                |                |                |  |  |  |
|--------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--|--|--|
| FRONT LADEN  | 12500<br>27563 | 14000<br>30870 | 15500<br>34178 | 17000<br>37485 | 18000<br>39690 | 19500<br>42998 | 20600<br>45423 | 22400<br>49392 | 25750<br>56779 |  |  |  |
| REAR UNLADEN | 1000<br>2205   | 11200<br>24696 | 12400<br>27342 | 13600<br>29988 | 14400<br>31752 | 15600<br>34398 | 16480<br>36338 | 17920<br>39514 | 20600<br>45423 |  |  |  |

|                           |                                      |  |  |  |  |  |  |  |  |  |  |  |
|---------------------------|--------------------------------------|--|--|--|--|--|--|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>UNDERGROUND TRANSPORT MACHINE</b> |  |  |  |  |  |  |  |  |  |  |  |
|---------------------------|--------------------------------------|--|--|--|--|--|--|--|--|--|--|--|

|           |                |                |                |                |                |                |                |                |                |  |  |  |
|-----------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--|--|--|
| ALL AXLES | 10900<br>24035 | 12150<br>26791 | 13600<br>29988 | 15000<br>33075 | 16000<br>35280 | 17500<br>38588 | 18500<br>40793 | 19500<br>42998 | 23000<br>50715 |  |  |  |
|-----------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--|--|--|

| COMMERCIAL DESCRIPTION                                 | CAI MSPN | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|--------------------------------------------------------|----------|----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XADN E E3V ** 200E</b><br><b>29.5 R 25 Tubeless</b> | 123703   | 50<br>31.1                 | 560<br>384                  | 743<br>29.3  | 1850<br>72.8 | 817<br>32.2   | 5541<br>218.1 | 44<br>55.4             |                         | 1180<br>311.8        | 25.00/3.5                                       |                                           |

|            |           |            |           |             |            |           |            |           |            |  |  |  |
|------------|-----------|------------|-----------|-------------|------------|-----------|------------|-----------|------------|--|--|--|
| <b>Bar</b> | <b>2</b>  | <b>2.5</b> | <b>3</b>  | <b>3.25</b> | <b>3.5</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> |  |  |  |
| <b>Psi</b> | <b>29</b> | <b>36</b>  | <b>44</b> | <b>47</b>   | <b>51</b>  | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  |  |  |  |

|                           |                                |  |  |  |  |  |  |  |  |  |  |  |
|---------------------------|--------------------------------|--|--|--|--|--|--|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>ARTICULATED DUMP TRUCKS</b> |  |  |  |  |  |  |  |  |  |  |  |
|---------------------------|--------------------------------|--|--|--|--|--|--|--|--|--|--|--|

|                   |               |               |                |                |                |                |                |                |                |  |  |  |
|-------------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--|--|--|
| STANDARD          | 7800<br>17199 | 9050<br>19955 | 10300<br>22712 | 10900<br>24035 | 11500<br>25358 | 12750<br>28114 | 14000<br>30870 |                |                |  |  |  |
| 70 KM/H<br>43 MPH |               |               | 7800<br>17199  | 8575<br>18908  | 9350<br>20617  | 10900<br>24035 | 11500<br>25358 | 12750<br>28114 | 14000<br>30870 |  |  |  |

### TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI

| COMMERCIAL DESCRIPTION                                                             | CAI MSPN        | Max. dist./hour<br>km mile                                                            | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch   | D<br>mm inch   | R'<br>mm inch  | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|------------------------------------------------------------------------------------|-----------------|---------------------------------------------------------------------------------------|-----------------------------|----------------|----------------|----------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XS SAND E7 ** 196E</b><br><b>29.5 R 25 Tubeless <sup>(9)</sup></b>              | 458236<br>01330 |                                                                                       |                             | 747<br>29.4    | 1820<br>71.7   | 796<br>31.3    | 5431<br>213.8  | 22<br>27.7             |                         | 1200<br>317          | 25.00/3.5                                       |                                           |
| Bar                                                                                | 2               | 2.3                                                                                   |                             | 2.5            | 2.7            | 2.9            |                | 3.3                    | 3.7                     | 4.1                  | 4.5                                             | 4.9                                       |
| Psi                                                                                | 29              | 33                                                                                    |                             | 36             | 39             | 42             |                | 48                     | 54                      | 59                   | 65                                              | 71                                        |
| Machine - Use ( kg - lbs) DESERT CONDITIONS 65 KM/H MAX.                           |                 |                                                                                       |                             |                |                |                |                |                        |                         |                      |                                                 |                                           |
| ROAD IN SINGLE                                                                     |                 |                                                                                       |                             |                |                |                |                |                        | 11000<br>24255          | 12000<br>26460       | 13000<br>28665                                  | 14000<br>30870                            |
| TRACK IN SINGLE                                                                    |                 |                                                                                       |                             |                |                |                |                | 11000<br>24255         | 12000<br>26460          | 13000<br>28665       | 14000<br>30870                                  |                                           |
| SAND IN SINGLE                                                                     | 11000<br>24255  | 12000<br>26460                                                                        |                             | 12500<br>27563 | 13000<br>28665 | 14000<br>30870 |                |                        |                         |                      |                                                 |                                           |
| Bar                                                                                | 2               | 2.5                                                                                   |                             | 3              | 3.25           | 3.5            |                | 4                      | 4.5                     | 5                    | 5.5                                             |                                           |
| Psi                                                                                | 29              | 36                                                                                    |                             | 44             | 47             | 51             |                | 58                     | 65                      | 73                   | 80                                              |                                           |
| Machine - Use ( kg - lbs) ARTICULATED DUMP TRUCKS                                  |                 |                                                                                       |                             |                |                |                |                |                        |                         |                      |                                                 |                                           |
| STANDARD                                                                           | 7800<br>17199   | 9050<br>19955                                                                         |                             | 10300<br>22712 | 10900<br>24035 | 11500<br>25358 | 12750<br>28114 | 14000<br>30870         |                         |                      |                                                 |                                           |
| 70 KM/H<br>43 MPH                                                                  |                 |                                                                                       |                             | 7800<br>17199  | 8575<br>18908  | 9350<br>20617  | 10900<br>24035 | 11500<br>25358         | 12750<br>28114          | 14000<br>30870       |                                                 |                                           |
| COMMERCIAL DESCRIPTION                                                             | CAI MSPN        | Max. dist./hour<br>km mile                                                            | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch   | D<br>mm inch   | R'<br>mm inch  | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
| <b>XTRA DEFEND E4 ** 200B</b><br><b>29.5 R 25 Tubeless</b>                         | 940473<br>07272 | 22<br>13.7                                                                            | 246<br>169                  | 773<br>30.4    | 1862<br>73.3   | 826<br>32.5    | 5586<br>219.9  | 65<br>81.9             |                         | 1142<br>301.7        | 25.00/3.5                                       |                                           |
| Bar                                                                                | 2               | 2.5                                                                                   |                             | 3              | 3.25           | 3.5            |                | 4                      | 4.5                     |                      |                                                 |                                           |
| Psi                                                                                | 29              | 36                                                                                    |                             | 44             | 47             | 51             |                | 58                     | 65                      |                      |                                                 |                                           |
| Machine - Use ( kg - lbs) ARTICULATED DUMP TRUCKS                                  |                 |                                                                                       |                             |                |                |                |                |                        |                         |                      |                                                 |                                           |
| STANDARD                                                                           | 7800<br>17199   | 9050<br>19955                                                                         |                             | 10300<br>22712 | 10900<br>24035 | 11500<br>25358 | 12750<br>28114 | 14000<br>30870         |                         |                      |                                                 |                                           |
| COMMERCIAL DESCRIPTION                                                             | CAI MSPN        | Max. dist./hour<br>km mile                                                            | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch   | D<br>mm inch   | R'<br>mm inch  | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
| <b>XTXL E4 **** L4 *** 221A2</b><br><b>29.5 R 25 Tubeless</b>                      | 427926<br>40734 | 14<br>8.7<br>if load per<br>tire <=22.4 t<br>12<br>7.5<br>if load per<br>tire >22.4 t | 220<br>151                  | 775<br>30.5    | 1822<br>71.7   | 793<br>31.2    | 5427<br>213.7  | 59<br>74.3             |                         | 1029<br>271.9        | 25.00/3.5                                       |                                           |
| Bar                                                                                | 3               | 4                                                                                     |                             | 4.5            | 5              | 5.5            |                | 6                      | 6.5                     | 7                    | 7.5                                             | 8                                         |
| Psi                                                                                | 44              | 58                                                                                    |                             | 65             | 73             | 80             |                | 87                     | 94                      | 102                  | 109                                             | 116                                       |
| Machine - Use ( kg - lbs) LOADER LOAD PER TIRE <= 22.4 T                           |                 |                                                                                       |                             |                |                |                |                |                        |                         |                      |                                                 |                                           |
| FRONT LADEN                                                                        | 12500<br>27563  | 15500<br>34178                                                                        |                             | 17000<br>37485 | 18000<br>39690 | 19500<br>42998 | 20600<br>45423 | 22400<br>49392         |                         |                      |                                                 |                                           |
| REAR UNLADEN                                                                       | 10000<br>22050  | 12400<br>27342                                                                        |                             | 13600<br>29988 | 14400<br>31752 | 15600<br>34398 | 16480<br>36338 | 17920<br>39514         |                         |                      |                                                 |                                           |
| Machine - Use ( kg - lbs) LOADER LOAD PER TIRE > 22.4 T                            |                 |                                                                                       |                             |                |                |                |                |                        |                         |                      |                                                 |                                           |
| FRONT LADEN                                                                        |                 |                                                                                       |                             |                |                |                |                |                        |                         | 23600<br>52038       | 24300<br>53582                                  | 25750<br>56779                            |
| REAR UNLADEN                                                                       |                 |                                                                                       |                             |                |                |                |                |                        |                         | 18880<br>41630       | 19440<br>42865                                  | 20600<br>45423                            |
| Machine - Use ( kg - lbs) UNDERGROUND TRANSPORT MACHINE                            |                 |                                                                                       |                             |                |                |                |                |                        |                         |                      |                                                 |                                           |
| ALL AXLES                                                                          | 10900<br>24035  | 13600<br>29988                                                                        |                             | 15000<br>33075 | 16000<br>35280 | 17500<br>38588 | 18500<br>40793 | 19500<br>42998         | 20600<br>45423          | 21800<br>48069       | 23000<br>50715                                  |                                           |
| BLOCK HANDLING (SEE DETAILS IN THE SECTION: HELP WITH THE USE OF EARTHMOVER TIRES) |                 |                                                                                       |                             |                |                |                |                |                        |                         |                      |                                                 |                                           |



### TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI

| COMMERCIAL DESCRIPTION                                         | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch   | D<br>mm inch   | R'<br>mm inch  | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|----------------------------------------------------------------|-----------------|-----------------------------|-----------------------------|----------------|----------------|----------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XTXL E4 ****<br/>29.5 R 25 Tubeless</b>                     | 775766<br>76493 |                             | 220<br>151                  | 775<br>30.5    | 1822<br>71.7   | 804<br>31.7    | 5455<br>214.8  | 59<br>74.3             |                         | 1029<br>271.9        | 25.00/3.5                                       |                                           |
| <b>Bar</b>                                                     | <b>3</b>        | <b>4</b>                    |                             | <b>4.5</b>     | <b>5</b>       | <b>5.5</b>     |                | <b>6</b>               | <b>6.5</b>              | <b>7</b>             | <b>7.5</b>                                      | <b>8</b>                                  |
| <b>Psi</b>                                                     | <b>44</b>       | <b>58</b>                   |                             | <b>65</b>      | <b>73</b>      | <b>80</b>      |                | <b>87</b>              | <b>94</b>               | <b>102</b>           | <b>109</b>                                      | <b>116</b>                                |
| <b>Machine - Use ( kg - lbs) UNDERGROUND TRANSPORT MACHINE</b> |                 |                             |                             |                |                |                |                |                        |                         |                      |                                                 |                                           |
| <b>ALL AXLES</b>                                               | 10900<br>24035  | 13600<br>29988              | 15000<br>33075              | 16000<br>35280 | 17500<br>38588 | 18500<br>40793 | 19500<br>42998 | 20600<br>45423         | 21800<br>48069          | 23000<br>50715       |                                                 |                                           |

| COMMERCIAL DESCRIPTION                                     | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch  | D<br>mm inch   | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|------------------------------------------------------------|-----------------|-----------------------------|-----------------------------|---------------|----------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XAD 65-1 SUPER E3T ** 190B<br/>750/65 R 25 Tubeless</b> | 123895<br>79374 | 28<br>17.4                  | 237<br>162                  | 738<br>29.1   | 1599<br>63     | 701<br>27.6   | 4777<br>188.1 | 43<br>54.2             |                         | 810<br>214           | 24.00/3.0                                       | 22.00/3.0<br>25.00/3.0                    |
| <b>Bar</b>                                                 | <b>2.5</b>      | <b>3</b>                    |                             | <b>3.25</b>   | <b>3.5</b>     | <b>4</b>      |               |                        |                         |                      |                                                 |                                           |
| <b>Psi</b>                                                 | <b>36</b>       | <b>44</b>                   |                             | <b>47</b>     | <b>51</b>      | <b>58</b>     |               |                        |                         |                      |                                                 |                                           |
| <b>Machine - Use ( kg - lbs) ARTICULATED DUMP TRUCKS</b>   |                 |                             |                             |               |                |               |               |                        |                         |                      |                                                 |                                           |
| <b>STANDARD</b>                                            | 7350<br>16207   | 8400<br>18522               | 8950<br>19735               | 9500<br>20948 | 10600<br>23373 |               |               |                        |                         |                      |                                                 |                                           |

| COMMERCIAL DESCRIPTION                                   | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch  | D<br>mm inch   | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|----------------------------------------------------------|-----------------|-----------------------------|-----------------------------|---------------|----------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XTRA DEFEND 190B<br/>750/65 R 25 Tubeless</b>         | 209221<br>32588 | 26<br>16.2                  | 220<br>151                  | 733<br>28.9   | 1628<br>64.1   | 720<br>28.3   | 4878<br>192   | 55<br>69.3             |                         |                      | 24.00/3.0                                       | 22.00/3.0<br>25.00/3.0                    |
| <b>Bar</b>                                               | <b>2.5</b>      | <b>3</b>                    |                             | <b>3.25</b>   | <b>3.5</b>     | <b>4</b>      |               |                        |                         |                      |                                                 |                                           |
| <b>Psi</b>                                               | <b>36</b>       | <b>44</b>                   |                             | <b>47</b>     | <b>51</b>      | <b>58</b>     |               |                        |                         |                      |                                                 |                                           |
| <b>Machine - Use ( kg - lbs) ARTICULATED DUMP TRUCKS</b> |                 |                             |                             |               |                |               |               |                        |                         |                      |                                                 |                                           |
| <b>STANDARD</b>                                          | 7350<br>16207   | 8400<br>18522               | 8950<br>19735               | 9500<br>20948 | 10600<br>23373 |               |               |                        |                         |                      |                                                 |                                           |

| COMMERCIAL DESCRIPTION                       | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch   | D<br>mm inch   | R'<br>mm inch  | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|----------------------------------------------|-----------------|-----------------------------|-----------------------------|----------------|----------------|----------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XLD 65 L3T *<br/>750/65 R 25 Tubeless</b> | 123940<br>50629 | 16<br>9.9                   |                             | 747<br>29.4    | 1591<br>62.6   | 683<br>26.9    | 4714<br>185.6  | 41<br>51.7             |                         | 788<br>208.2         | 24.00/3.0                                       | 22.00/3.0                                 |
| <b>Bar</b>                                   | <b>2</b>        | <b>2.5</b>                  |                             | <b>3</b>       | <b>3.25</b>    | <b>3.5</b>     | <b>4</b>       | <b>4.5</b>             | <b>5</b>                | <b>5.5</b>           |                                                 |                                           |
| <b>Psi</b>                                   | <b>29</b>       | <b>36</b>                   |                             | <b>44</b>      | <b>47</b>      | <b>51</b>      | <b>58</b>      | <b>65</b>              | <b>73</b>               | <b>80</b>            |                                                 |                                           |
| <b>Machine - Use ( kg - lbs) LOADERS</b>     |                 |                             |                             |                |                |                |                |                        |                         |                      |                                                 |                                           |
| <b>FRONT LADEN</b>                           | 8400<br>18522   | 9720<br>21433               | 11040<br>24343              | 11700<br>25799 | 12360<br>27254 | 13680<br>30164 | 15000<br>33075 | 16320<br>35986         | 17640<br>38896          |                      |                                                 |                                           |
| <b>REAR UNLADEN</b>                          | 6725<br>14829   | 7775<br>17144               | 8825<br>19459               | 9365<br>20650  | 9900<br>21830  | 10950<br>24145 | 12000<br>26460 | 13050<br>28775         | 14100<br>31091          |                      |                                                 |                                           |
| <b>Machine - Use ( kg - lbs) GRADERS</b>     |                 |                             |                             |                |                |                |                |                        |                         |                      |                                                 |                                           |
| <b>ALL AXLES</b>                             | 5040<br>11113   | 5830<br>12855               | 6620<br>14597               | 7020<br>15479  | 7420<br>16361  | 8210<br>18103  |                |                        |                         |                      |                                                 |                                           |

### TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI

29"

| COMMERCIAL DESCRIPTION                                         | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch   | D<br>mm inch   | R'<br>mm inch  | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|----------------------------------------------------------------|-----------------|-----------------------------|-----------------------------|----------------|----------------|----------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XK A L3 **</b><br><b>26.5 R 29 Tubeless (8 - 9)</b>         | 273860<br>21675 | 14<br>8.7                   |                             | 712<br>28      | 1840<br>72.4   | 801<br>31.5    | 5478<br>215.7  | 35<br>44.1             |                         | 855<br>225.9         | 22.00/3.0                                       | 24.00/3.0                                 |
| <b>Bar</b>                                                     | <b>4</b>        | <b>4.25</b>                 |                             | <b>4.5</b>     | <b>5</b>       | <b>5.25</b>    | <b>5.5</b>     | <b>5.75</b>            | <b>6</b>                | <b>6.25</b>          | <b>6.5</b>                                      |                                           |
| <b>Psi</b>                                                     | <b>58</b>       | <b>62</b>                   |                             | <b>65</b>      | <b>73</b>      | <b>76</b>      | <b>80</b>      | <b>83</b>              | <b>87</b>               | <b>91</b>            | <b>94</b>                                       |                                           |
| <b>Machine - Use ( kg - lbs) LOADERS</b>                       |                 |                             |                             |                |                |                |                |                        |                         |                      |                                                 |                                           |
| FRONT LADEN                                                    | 13600<br>29988  | 14000<br>30870              |                             | 15000<br>33075 | 16000<br>35280 | 16500<br>36383 | 17500<br>38588 | 18000<br>39690         | 18500<br>40793          | 19000<br>41895       |                                                 | 19500<br>42998                            |
| REAR UNLADEN                                                   | 10880<br>23990  | 11200<br>24696              |                             | 12000<br>26460 | 12800<br>28224 | 13200<br>29106 | 14000<br>30870 | 14400<br>31752         | 14800<br>32634          | 15200<br>33516       |                                                 | 15600<br>34398                            |
| <b>Machine - Use ( kg - lbs) UNDERGROUND TRANSPORT MACHINE</b> |                 |                             |                             |                |                |                |                |                        |                         |                      |                                                 |                                           |
| ALL AXLES                                                      | 12150<br>26791  | 12500<br>27563              |                             | 13200<br>29106 | 14500<br>31973 | 15000<br>33075 | 15500<br>34178 | 16000<br>35280         | 16500<br>36383          | 17000<br>37485       |                                                 | 17500<br>38588                            |

| COMMERCIAL DESCRIPTION                                          | CAI MSPN       | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch   | D<br>mm inch   | R'<br>mm inch  | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|-----------------------------------------------------------------|----------------|-----------------------------|-----------------------------|----------------|----------------|----------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XSM DN L3S *</b><br><b>26.5 R 29 Tubeless <sup>(9)</sup></b> | 123661         | 10<br>6.2                   |                             | 726<br>28.6    | 1830<br>72     | 811<br>31.9    | 5488<br>216.1  | 40<br>50.4             |                         | 937<br>247.6         | 22.00/3.0                                       | 24.00/3.0                                 |
| <b>Bar</b>                                                      | <b>4</b>       | <b>4.25</b>                 |                             | <b>4.5</b>     | <b>5</b>       | <b>5.25</b>    | <b>5.5</b>     | <b>5.75</b>            | <b>6</b>                | <b>6.25</b>          | <b>6.5</b>                                      |                                           |
| <b>Psi</b>                                                      | <b>58</b>      | <b>62</b>                   |                             | <b>65</b>      | <b>73</b>      | <b>76</b>      | <b>80</b>      | <b>83</b>              | <b>87</b>               | <b>91</b>            | <b>94</b>                                       |                                           |
| <b>Machine - Use ( kg - lbs) LOADERS</b>                        |                |                             |                             |                |                |                |                |                        |                         |                      |                                                 |                                           |
| FRONT LADEN                                                     | 13600<br>29988 | 14000<br>30870              |                             | 15000<br>33075 | 16000<br>35280 | 16500<br>36383 | 17500<br>38588 | 18000<br>39690         | 18500<br>40793          | 19000<br>41895       |                                                 | 19500<br>42998                            |
| REAR UNLADEN                                                    | 10880<br>23990 | 11200<br>24696              |                             | 12000<br>26460 | 12800<br>28224 | 13200<br>29106 | 14000<br>30870 | 14400<br>31752         | 14800<br>32634          | 15200<br>33516       |                                                 | 15600<br>34398                            |
| <b>Machine - Use ( kg - lbs) UNDERGROUND TRANSPORT MACHINE</b>  |                |                             |                             |                |                |                |                |                        |                         |                      |                                                 |                                           |
| ALL AXLES                                                       | 12150<br>26791 | 12500<br>27563              |                             | 13200<br>29106 | 14500<br>31973 | 15000<br>33075 | 15500<br>34178 | 16000<br>35280         | 16500<br>36383          | 17000<br>37485       |                                                 | 17500<br>38588                            |

| COMMERCIAL DESCRIPTION                              | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch   | D<br>mm inch   | R'<br>mm inch  | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|-----------------------------------------------------|-----------------|-----------------------------|-----------------------------|----------------|----------------|----------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XSM DN+ L3S ***</b><br><b>26.5 R 29 Tubeless</b> | 317097<br>02315 | 10<br>6.2                   |                             | 698<br>27.5    | 1830<br>72     | 820<br>32.3    | 5510<br>216.9  | 44<br>55.4             |                         | 926<br>244.6         | 22.00/3.0                                       | 24.00/3.0                                 |
| <b>Bar</b>                                          | <b>5</b>        | <b>5.5</b>                  |                             | <b>6</b>       | <b>6.5</b>     | <b>6.75</b>    | <b>7</b>       | <b>7.25</b>            | <b>7.5</b>              | <b>7.75</b>          | <b>8</b>                                        |                                           |
| <b>Psi</b>                                          | <b>73</b>       | <b>80</b>                   |                             | <b>87</b>      | <b>94</b>      | <b>98</b>      | <b>102</b>     | <b>105</b>             | <b>109</b>              | <b>112</b>           | <b>116</b>                                      |                                           |
| <b>Machine - Use ( kg - lbs) LOADER</b>             |                 |                             |                             |                |                |                |                |                        |                         |                      |                                                 |                                           |
| FRONT LADEN                                         | 16000<br>35280  | 17500<br>38588              |                             | 18500<br>40793 | 19500<br>42998 | 20000<br>44100 | 20600<br>45423 | 21200<br>46746         | 21800<br>48069          | 22400<br>49392       |                                                 | 23000<br>50715                            |
| REAR UNLADEN                                        | 12800<br>28224  | 14000<br>30870              |                             | 14800<br>32634 | 15600<br>34398 | 16000<br>35280 | 16480<br>36338 | 16960<br>37397         | 17440<br>38455          | 17920<br>39514       |                                                 | 18400<br>40572                            |

| COMMERCIAL DESCRIPTION                                         | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch   | D<br>mm inch   | R'<br>mm inch  | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|----------------------------------------------------------------|-----------------|-----------------------------|-----------------------------|----------------|----------------|----------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XK A L3 **</b><br><b>29.5 R 29 Tubeless</b>                 | 274110<br>51371 | 14<br>8.7                   |                             | 793<br>31.2    | 1961<br>77.2   | 844<br>33.2    | 5819<br>229.1  | 38<br>47.9             |                         | 1260<br>332.9        | 25.00/3.5                                       | 24.00/3.5                                 |
| <b>Bar</b>                                                     | <b>3</b>        | <b>3.5</b>                  |                             | <b>4</b>       | <b>4.5</b>     | <b>5</b>       | <b>5.5</b>     | <b>6</b>               | <b>6.5</b>              |                      |                                                 |                                           |
| <b>Psi</b>                                                     | <b>44</b>       | <b>51</b>                   |                             | <b>58</b>      | <b>65</b>      | <b>73</b>      | <b>80</b>      | <b>87</b>              | <b>94</b>               |                      |                                                 |                                           |
| <b>Machine - Use ( kg - lbs) LOADERS</b>                       |                 |                             |                             |                |                |                |                |                        |                         |                      |                                                 |                                           |
| FRONT LADEN                                                    | 13200<br>29106  | 15000<br>33075              |                             | 16500<br>36383 | 18000<br>39690 | 19500<br>42998 | 20600<br>45423 | 22400<br>49392         | 23600<br>52038          |                      |                                                 |                                           |
| REAR UNLADEN                                                   | 10560<br>23285  | 12000<br>26460              |                             | 13200<br>29106 | 14400<br>31752 | 15600<br>34398 | 16480<br>36338 | 17920<br>39514         | 18880<br>41630          |                      |                                                 |                                           |
| <b>Machine - Use ( kg - lbs) UNDERGROUND TRANSPORT MACHINE</b> |                 |                             |                             |                |                |                |                |                        |                         |                      |                                                 |                                           |
| ALL AXLES                                                      | 11800<br>26019  | 13200<br>29106              |                             | 14500<br>31973 | 16000<br>35280 | 17000<br>37485 | 18500<br>40793 | 19500<br>42998         | 20600<br>45423          |                      |                                                 |                                           |

### TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI

| COMMERCIAL DESCRIPTION                         | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|------------------------------------------------|-----------------|-----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XTS E3T **</b><br><b>29.5 R 29 Tubeless</b> | 708648<br>46731 | 29<br>18                    | 348<br>238                  | 765<br>30.1  | 1963<br>77.3 | 869<br>34.2   | 5884<br>231.7 | 43<br>54.2             |                         | 1300<br>343.5        | 25.00/3.5                                       | 24.00/3.5                                 |

|            |           |            |           |            |           |             |            |           |            |  |  |  |
|------------|-----------|------------|-----------|------------|-----------|-------------|------------|-----------|------------|--|--|--|
| <b>Bar</b> | <b>2</b>  | <b>2.5</b> | <b>3</b>  | <b>3.5</b> | <b>4</b>  | <b>4.25</b> | <b>4.5</b> | <b>5</b>  | <b>5.5</b> |  |  |  |
| <b>Psi</b> | <b>29</b> | <b>36</b>  | <b>44</b> | <b>51</b>  | <b>58</b> | <b>62</b>   | <b>65</b>  | <b>73</b> | <b>80</b>  |  |  |  |

|                           |                  |                |                |                |                |                |                |                |                |  |  |  |
|---------------------------|------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--|--|--|
| Machine - Use ( kg - lbs) | <b>TRANSPORT</b> |                |                |                |                |                |                |                |                |  |  |  |
| <b>STANDARD</b>           | 9150<br>20176    | 10325<br>22767 | 11500<br>25358 | 12650<br>27893 | 13850<br>30539 | 14425<br>31807 | 15000<br>33075 | 16150<br>35611 | 16750<br>36934 |  |  |  |

| COMMERCIAL DESCRIPTION                             | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|----------------------------------------------------|-----------------|-----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XMINE D2 L5 **</b><br><b>29.5 R 29 Tubeless</b> | 965209<br>31580 | 6<br>3.7                    |                             | 794<br>31.3  | 2005<br>78.9 | 896<br>35.3   | 6032<br>237.5 | 100<br>126             |                         | 981<br>259.2         | 25.00/3.5                                       | 24.00/3.5                                 |

|            |           |            |           |            |           |            |           |            |  |  |  |  |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|--|--|--|--|
| <b>Bar</b> | <b>3</b>  | <b>3.5</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>6.5</b> |  |  |  |  |
| <b>Psi</b> | <b>44</b> | <b>51</b>  | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  | <b>87</b> | <b>94</b>  |  |  |  |  |

|                           |                |                |                |                |                |                |                |                |  |  |  |  |
|---------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>LOADERS</b> |                |                |                |                |                |                |                |  |  |  |  |
| <b>FRONT LADEN</b>        | 13200<br>29106 | 15000<br>33075 | 16500<br>36383 | 18000<br>39690 | 19500<br>42998 | 20600<br>45423 | 22400<br>49392 | 23600<br>52038 |  |  |  |  |
| <b>REAR UNLADEN</b>       | 10560<br>23285 | 12000<br>26460 | 13200<br>29106 | 14400<br>31752 | 15600<br>34398 | 16480<br>36338 | 17920<br>39514 | 18880<br>41630 |  |  |  |  |

|                           |                                      |                |                |                |                |                |                |                |  |  |  |  |
|---------------------------|--------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>UNDERGROUND TRANSPORT MACHINE</b> |                |                |                |                |                |                |                |  |  |  |  |
| <b>ALL AXLES</b>          | 11800<br>26019                       | 13200<br>29106 | 14500<br>31973 | 16000<br>35280 | 17000<br>37485 | 18500<br>40793 | 19500<br>42998 | 20600<br>45423 |  |  |  |  |

| COMMERCIAL DESCRIPTION                                          | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|-----------------------------------------------------------------|-----------------|-----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XMINE D2 L5R</b><br><b>29.5 R 29 Tubeless <sup>(4)</sup></b> | 274050<br>29173 | 6<br>3.7                    |                             | 796<br>31.3  | 2001<br>78.8 | 878<br>34.6   | 5980<br>235.4 | 100<br>126             |                         | 990<br>261.6         | 25.00/3.5                                       | 24.00/3.5                                 |

|            |           |            |           |            |           |            |           |            |  |  |  |  |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|--|--|--|--|
| <b>Bar</b> | <b>2</b>  | <b>2.5</b> | <b>3</b>  | <b>3.5</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> |  |  |  |  |
| <b>Psi</b> | <b>29</b> | <b>36</b>  | <b>44</b> | <b>51</b>  | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  |  |  |  |  |

|                           |                |                |                |                |                |                |                |                |  |  |  |  |
|---------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>LOADERS</b> |                |                |                |                |                |                |                |  |  |  |  |
| <b>FRONT LADEN</b>        | 13100<br>28886 | 14700<br>32414 | 16300<br>35942 | 17900<br>39470 | 19500<br>42998 | 21550<br>47518 | 23600<br>52038 | 25200<br>55566 |  |  |  |  |
| <b>REAR UNLADEN</b>       | 10500<br>23153 | 11750<br>25909 | 13050<br>28775 | 14350<br>31642 | 15600<br>34398 | 17250<br>38036 | 18900<br>41675 | 21150<br>46636 |  |  |  |  |

|                           |                                      |  |                |                |                |                |                |                |  |  |  |  |
|---------------------------|--------------------------------------|--|----------------|----------------|----------------|----------------|----------------|----------------|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>UNDERGROUND TRANSPORT MACHINE</b> |  |                |                |                |                |                |                |  |  |  |  |
| <b>ALL AXLES</b>          |                                      |  | 11800<br>26019 | 13200<br>29106 | 14500<br>31973 | 16000<br>35280 | 17000<br>37485 | 18500<br>40793 |  |  |  |  |

| COMMERCIAL DESCRIPTION                                  | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|---------------------------------------------------------|-----------------|-----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XMINE D2 PRO L5 ***</b><br><b>29.5 R 29 Tubeless</b> | 376767<br>28327 | 6<br>3.7                    |                             | 805<br>31.7  | 1994<br>78.5 | 882<br>34.7   | 5975<br>235.2 | 100<br>126             |                         | 981<br>259.2         | 25.00/3.5                                       | 24.00/3.5                                 |

|            |           |            |           |            |           |            |           |            |            |  |  |  |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|------------|--|--|--|
| <b>Bar</b> | <b>3</b>  | <b>3.5</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>6.5</b> | <b>7</b>   |  |  |  |
| <b>Psi</b> | <b>44</b> | <b>51</b>  | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  | <b>87</b> | <b>94</b>  | <b>102</b> |  |  |  |

|                           |                |                |                |                |                |                |                |                |                |  |  |  |
|---------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--|--|--|
| Machine - Use ( kg - lbs) | <b>LOADERS</b> |                |                |                |                |                |                |                |                |  |  |  |
| <b>FRONT LADEN</b>        | 13200<br>29106 | 15000<br>33075 | 16500<br>36383 | 18000<br>39690 | 19500<br>42998 | 20600<br>45423 | 22400<br>49392 | 23600<br>52038 | 27250<br>60086 |  |  |  |
| <b>REAR UNLADEN</b>       | 10560<br>23285 | 12000<br>26460 | 13200<br>29106 | 14400<br>31752 | 15600<br>34398 | 16480<br>36338 | 17920<br>39514 | 18880<br>41630 | 21800<br>48069 |  |  |  |

|                           |                                      |                |                |                |                |                |                |                |                |  |  |  |
|---------------------------|--------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--|--|--|
| Machine - Use ( kg - lbs) | <b>UNDERGROUND TRANSPORT MACHINE</b> |                |                |                |                |                |                |                |                |  |  |  |
| <b>ALL AXLES</b>          | 11800<br>26019                       | 13200<br>29106 | 14500<br>31973 | 16000<br>35280 | 17000<br>37485 | 18500<br>40793 | 19500<br>42998 | 20600<br>45423 | 24300<br>53582 |  |  |  |

### TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI

| COMMERCIAL DESCRIPTION                      | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|---------------------------------------------|-----------------|-----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XSM D2+ L5S **</b><br>29.5 R 29 Tubeless | 358035<br>93004 | 4<br>2.5                    |                             | 770<br>30.3  | 1994<br>78.5 | 893<br>35.2   | 6003<br>236.3 | 112<br>141.1           |                         | 1123<br>296.7        | 25.00/3.5                                       | 24.00/3.5                                 |

|            |           |            |           |            |           |            |           |            |  |  |  |  |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|--|--|--|--|
| <b>Bar</b> | <b>3</b>  | <b>3.5</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>6.5</b> |  |  |  |  |
| <b>Psi</b> | <b>44</b> | <b>51</b>  | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  | <b>87</b> | <b>94</b>  |  |  |  |  |

|                           |                |                |                |                |                |                |                |                |  |  |  |  |
|---------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>LOADERS</b> |                |                |                |                |                |                |                |  |  |  |  |
| FRONT LADEN               | 13200<br>29106 | 15000<br>33075 | 16500<br>36383 | 18000<br>39690 | 19500<br>42998 | 20600<br>45423 | 22400<br>49392 | 23600<br>52038 |  |  |  |  |
| REAR UNLADEN              | 10560<br>23285 | 12000<br>26460 | 13200<br>29106 | 14400<br>31752 | 15600<br>34398 | 16480<br>36338 | 17920<br>39514 | 18880<br>41630 |  |  |  |  |

| COMMERCIAL DESCRIPTION                          | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|-------------------------------------------------|-----------------|-----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XSMD2+ PRO L5S ***</b><br>29.5 R 29 Tubeless | 819333<br>22462 | 4<br>2.5                    |                             | 770<br>30.3  | 1993<br>78.5 | 883<br>34.8   | 5977<br>235.3 | 112<br>141.1           |                         | 1123<br>296.7        | 25.00/3.5                                       | 24.00/3.5                                 |

|            |           |            |           |            |           |            |           |            |            |  |  |  |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|------------|--|--|--|
| <b>Bar</b> | <b>3</b>  | <b>3.5</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>6.5</b> | <b>7</b>   |  |  |  |
| <b>Psi</b> | <b>44</b> | <b>51</b>  | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  | <b>87</b> | <b>94</b>  | <b>102</b> |  |  |  |

|                           |                |                |                |                |                |                |                |                |                |  |  |  |
|---------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--|--|--|
| Machine - Use ( kg - lbs) | <b>LOADERS</b> |                |                |                |                |                |                |                |                |  |  |  |
| FRONT LADEN               | 13200<br>29106 | 15000<br>33075 | 16500<br>36383 | 18000<br>39690 | 19500<br>42998 | 20600<br>45423 | 22400<br>49392 | 23600<br>52038 | 27250<br>60086 |  |  |  |
| REAR UNLADEN              | 10560<br>23285 | 12000<br>26460 | 13200<br>29106 | 14400<br>31752 | 15600<br>34398 | 16480<br>36338 | 17920<br>39514 | 18880<br>41630 | 21800<br>48069 |  |  |  |

| COMMERCIAL DESCRIPTION                      | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|---------------------------------------------|-----------------|-----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XLD D2 A L5T *</b><br>29.5 R 29 Tubeless | 123279<br>52185 | 10<br>6.2                   |                             | 772<br>30.4  | 2004<br>78.9 | 864<br>34     | 5949<br>234.2 | 95<br>119.7            |                         | 985<br>260.2         | 25.00/3.5                                       | 24.00/3.5                                 |

|            |           |            |           |            |           |            |           |             |            |  |  |  |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|-------------|------------|--|--|--|
| <b>Bar</b> | <b>2</b>  | <b>2.5</b> | <b>3</b>  | <b>3.5</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.25</b> | <b>5.5</b> |  |  |  |
| <b>Psi</b> | <b>29</b> | <b>36</b>  | <b>44</b> | <b>51</b>  | <b>58</b> | <b>65</b>  | <b>73</b> | <b>76</b>   | <b>80</b>  |  |  |  |

|                           |                |                |                |                |                |                |                |                |                |  |  |  |
|---------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--|--|--|
| Machine - Use ( kg - lbs) | <b>LOADERS</b> |                |                |                |                |                |                |                |                |  |  |  |
| FRONT LADEN               | 13100<br>28886 | 14700<br>32414 | 16300<br>35942 | 17900<br>39470 | 19500<br>42998 | 21550<br>47518 | 23600<br>52038 | 24450<br>53912 | 25200<br>55566 |  |  |  |
| REAR UNLADEN              | 10500<br>23153 | 11750<br>25909 | 13050<br>28775 | 14350<br>31642 | 15600<br>34398 | 17250<br>38036 | 18900<br>41675 | 10560<br>23285 | 21150<br>46636 |  |  |  |

|                           |                |               |               |                |                |                |                |                |  |  |  |  |
|---------------------------|----------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>GRADERS</b> |               |               |                |                |                |                |                |  |  |  |  |
| ALL AXLES                 | 7100<br>15656  | 8500<br>18743 | 9750<br>21499 | 10900<br>24035 | 12150<br>26791 | 13200<br>29106 | 14500<br>31973 | 15000<br>33075 |  |  |  |  |

| COMMERCIAL DESCRIPTION                    | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|-------------------------------------------|-----------------|-----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XTXL E4 ****</b><br>29.5 R 29 Tubeless | 512305<br>68037 |                             | 220<br>151                  | 775<br>30.5  | 1928<br>75.9 | 855<br>33.7   | 5783<br>227.7 | 63<br>79.4             |                         | 1139<br>300.9        | 25.00/3.5                                       | 24.00/3.5                                 |

|            |           |           |            |           |            |           |            |            |            |            |  |  |
|------------|-----------|-----------|------------|-----------|------------|-----------|------------|------------|------------|------------|--|--|
| <b>Bar</b> | <b>3</b>  | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>6.5</b> | <b>7</b>   | <b>7.5</b> | <b>8</b>   |  |  |
| <b>Psi</b> | <b>44</b> | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  | <b>87</b> | <b>94</b>  | <b>102</b> | <b>109</b> | <b>116</b> |  |  |

|                           |                                      |                |                |                |                |                |                |                |                |                |  |  |
|---------------------------|--------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--|--|
| Machine - Use ( kg - lbs) | <b>UNDERGROUND TRANSPORT MACHINE</b> |                |                |                |                |                |                |                |                |                |  |  |
| ALL AXLES                 | 11800<br>26019                       | 14500<br>31973 | 16000<br>35280 | 17000<br>37485 | 18500<br>40793 | 19500<br>42998 | 20600<br>45423 | 21800<br>48069 | 23000<br>50715 | 24300<br>53582 |  |  |

| COMMERCIAL DESCRIPTION                                    | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|-----------------------------------------------------------|-----------------|-----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XAD 65-1 SUPER E3T ** 195B</b><br>775/65 R 29 Tubeless | 510085<br>74895 | 28<br>17.4                  | 272<br>186                  | 785<br>30.9  | 1759<br>69.3 | 778<br>30.6   | 5272<br>207.6 | 45<br>56.7             |                         | 1050<br>277.4        | 24.00/3.0                                       | 24.00/3.5<br>25.00/3.5                    |

|            |           |            |           |            |           |  |  |  |  |  |  |  |
|------------|-----------|------------|-----------|------------|-----------|--|--|--|--|--|--|--|
| <b>Bar</b> | <b>2</b>  | <b>2.5</b> | <b>3</b>  | <b>3.5</b> | <b>4</b>  |  |  |  |  |  |  |  |
| <b>Psi</b> | <b>29</b> | <b>36</b>  | <b>44</b> | <b>51</b>  | <b>58</b> |  |  |  |  |  |  |  |

|                           |                                |               |               |                |                |  |  |  |  |  |  |  |
|---------------------------|--------------------------------|---------------|---------------|----------------|----------------|--|--|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>ARTICULATED DUMP TRUCKS</b> |               |               |                |                |  |  |  |  |  |  |  |
| STANDARD                  | 6900<br>15215                  | 8100<br>17861 | 9350<br>20617 | 10700<br>23594 | 12150<br>26791 |  |  |  |  |  |  |  |

### TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI

| COMMERCIAL DESCRIPTION                                                        | CAI MSPN | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|-------------------------------------------------------------------------------|----------|----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XHA2 L3 206A2</b><br><b>775/65 R 29 XHA2 L3 * 206A2</b><br><b>Tubeless</b> | 992646   | 16<br>9.9                  |                             | 780<br>30.7  | 1735<br>68.3 | 747<br>29.4   | 5149<br>202.7 | 44<br>55.4             |                         | 1008<br>266.3        | 24.00/3.5                                       | 25.00/3.5                                 |

|            |           |            |           |             |            |             |           |             |  |  |  |  |
|------------|-----------|------------|-----------|-------------|------------|-------------|-----------|-------------|--|--|--|--|
| <b>Bar</b> | <b>3</b>  | <b>3.5</b> | <b>4</b>  | <b>4.25</b> | <b>4.5</b> | <b>4.75</b> | <b>5</b>  | <b>5.25</b> |  |  |  |  |
| <b>Psi</b> | <b>44</b> | <b>51</b>  | <b>58</b> | <b>62</b>   | <b>65</b>  | <b>69</b>   | <b>73</b> | <b>76</b>   |  |  |  |  |

| Machine - Use (kg - lbs) | LOADERS        |                |                |                |                |                |                |                |  |  |  |  |
|--------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--|--|--|--|
| FRONT LADEN              | 11750<br>25909 | 13250<br>29216 | 15000<br>33075 | 15500<br>34178 | 16500<br>36383 | 17000<br>37485 | 17500<br>38588 | 18500<br>40793 |  |  |  |  |
| REAR UNLADEN             | 9400<br>20727  | 10600<br>23373 | 12000<br>26460 | 12400<br>27342 | 13200<br>29106 | 13600<br>29988 | 14000<br>30870 | 14800<br>32634 |  |  |  |  |

| COMMERCIAL DESCRIPTION                            | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|---------------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XLD 65 L3 *</b><br><b>800/65 R 29 Tubeless</b> | 123059<br>45325 | 16<br>9.9                  |                             | 793<br>31.2  | 1818<br>71.6 | 790<br>31.1   | 5412<br>213.1 | 48<br>60.5             |                         | 1093<br>288.8        | 27.00/3.0                                       | 24.00/3.5                                 |

|            |           |            |           |            |           |             |            |           |            |  |  |  |
|------------|-----------|------------|-----------|------------|-----------|-------------|------------|-----------|------------|--|--|--|
| <b>Bar</b> | <b>2</b>  | <b>2.5</b> | <b>3</b>  | <b>3.5</b> | <b>4</b>  | <b>4.25</b> | <b>4.5</b> | <b>5</b>  | <b>5.5</b> |  |  |  |
| <b>Psi</b> | <b>29</b> | <b>36</b>  | <b>44</b> | <b>51</b>  | <b>58</b> | <b>62</b>   | <b>65</b>  | <b>73</b> | <b>80</b>  |  |  |  |

| Machine - Use (kg - lbs) | LOADERS        |                |                |                |                |                |                |                |                |  |  |  |
|--------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--|--|--|
| FRONT LADEN              | 10100<br>22271 | 11800<br>26019 | 13500<br>29768 | 15200<br>33516 | 16900<br>37265 | 17500<br>38588 | 18600<br>41013 | 20300<br>44762 | 22000<br>48510 |  |  |  |
| REAR UNLADEN             | 8100<br>17861  | 9450<br>20837  | 10800<br>23814 | 12150<br>26791 | 13500<br>29768 | 14000<br>30870 | 14900<br>32855 | 16250<br>35831 | 17600<br>38808 |  |  |  |

| COMMERCIAL DESCRIPTION                          | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|-------------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XTS E3T **</b><br><b>33.25 R 29 Tubeless</b> | 871916<br>76725 | 29<br>18                   | 429<br>294                  | 873<br>34.4  | 2068<br>81.4 | 923<br>36.3   | 6218<br>244.8 | 51<br>64.3             |                         | 1640<br>433.3        | 27.00/3.5                                       |                                           |

|            |           |            |           |            |           |             |            |           |            |           |  |  |
|------------|-----------|------------|-----------|------------|-----------|-------------|------------|-----------|------------|-----------|--|--|
| <b>Bar</b> | <b>2</b>  | <b>2.5</b> | <b>3</b>  | <b>3.5</b> | <b>4</b>  | <b>4.25</b> | <b>4.5</b> | <b>5</b>  | <b>5.5</b> | <b>6</b>  |  |  |
| <b>Psi</b> | <b>29</b> | <b>36</b>  | <b>44</b> | <b>51</b>  | <b>58</b> | <b>62</b>   | <b>65</b>  | <b>73</b> | <b>80</b>  | <b>87</b> |  |  |

| Machine - Use (kg - lbs) | TRANSPORT     |                |                |                |                |                |                |                |                |                |  |  |
|--------------------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--|--|
| STANDARD                 | 9500<br>20948 | 11000<br>24255 | 12500<br>27563 | 14000<br>30870 | 15500<br>34178 | 16300<br>35942 | 17000<br>37485 | 18500<br>40793 | 19250<br>42446 | 20000<br>44100 |  |  |

| COMMERCIAL DESCRIPTION                                           | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|------------------------------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XAD 65-1 SUPER E3T ** 203B</b><br><b>875/65 R 29 Tubeless</b> | 086953<br>40269 | 28<br>17.4                 | 347<br>238                  | 883<br>34.8  | 1881<br>74.1 | 822<br>32.4   | 5613<br>221   | 51<br>64.3             |                         | 1376<br>363.5        | 27.00/3.0                                       | 27.00/3.5<br>28.00/3.5                    |

|            |           |            |           |            |           |  |  |  |  |  |  |  |
|------------|-----------|------------|-----------|------------|-----------|--|--|--|--|--|--|--|
| <b>Bar</b> | <b>2</b>  | <b>2.5</b> | <b>3</b>  | <b>3.5</b> | <b>4</b>  |  |  |  |  |  |  |  |
| <b>Psi</b> | <b>29</b> | <b>36</b>  | <b>44</b> | <b>51</b>  | <b>58</b> |  |  |  |  |  |  |  |

| Machine - Use (kg - lbs) | ARTICULATED DUMP TRUCKS |                |                |                |                |  |  |  |  |  |  |  |
|--------------------------|-------------------------|----------------|----------------|----------------|----------------|--|--|--|--|--|--|--|
| STANDARD                 | 9100<br>20066           | 10800<br>23814 | 12500<br>27563 | 14100<br>31091 | 15500<br>34178 |  |  |  |  |  |  |  |



### TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI

| COMMERCIAL DESCRIPTION                         | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|------------------------------------------------|-----------------|-----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XHA2 L3 * 214A2</b><br>875/65 R 29 Tubeless | 936624<br>32190 | 16<br>9.9                   |                             | 882<br>34.7  | 1870<br>73.6 | 797<br>31.4   | 5528<br>217.6 | 49<br>61.7             |                         | 1354<br>357.7        | 27.00/3.0                                       | 27.00/3.5<br>28.00/3.5                    |

|            |           |            |           |            |           |             |            |             |  |  |  |  |
|------------|-----------|------------|-----------|------------|-----------|-------------|------------|-------------|--|--|--|--|
| <b>Bar</b> | <b>2</b>  | <b>2.5</b> | <b>3</b>  | <b>3.5</b> | <b>4</b>  | <b>4.25</b> | <b>4.5</b> | <b>4.75</b> |  |  |  |  |
| <b>Psi</b> | <b>29</b> | <b>36</b>  | <b>44</b> | <b>51</b>  | <b>58</b> | <b>62</b>   | <b>65</b>  | <b>69</b>   |  |  |  |  |

|                           |                |                |                |                |                |                |                |                |  |  |  |  |
|---------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>LOADERS</b> |                |                |                |                |                |                |                |  |  |  |  |
| FRONT LADEN               | 9000<br>19845  | 11250<br>24806 | 13500<br>29768 | 15750<br>34729 | 18000<br>39690 | 18968<br>41824 | 20084<br>44285 | 21200<br>46746 |  |  |  |  |
| REAR UNLADEN              | 7200<br>15876  | 9000<br>19845  | 10800<br>23814 | 12600<br>27783 | 14400<br>31752 | 15175<br>33461 | 16067<br>35428 | 16960<br>37397 |  |  |  |  |

| COMMERCIAL DESCRIPTION                          | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|-------------------------------------------------|-----------------|-----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XTRA DEFEND 203B</b><br>875/65 R 29 Tubeless | 992223<br>76545 | 22<br>13.7                  | 273<br>187                  | 872<br>34.3  | 1884<br>74.2 | 823<br>32.4   | 5620<br>221.3 | 59.5<br>75             |                         | 1330<br>351.4        | 27.00/3.0                                       | 27.00/3.5<br>28.00/3.5                    |

|            |           |            |           |            |           |            |  |  |  |  |  |  |
|------------|-----------|------------|-----------|------------|-----------|------------|--|--|--|--|--|--|
| <b>Bar</b> | <b>2</b>  | <b>2.5</b> | <b>3</b>  | <b>3.5</b> | <b>4</b>  | <b>4.5</b> |  |  |  |  |  |  |
| <b>Psi</b> | <b>29</b> | <b>36</b>  | <b>44</b> | <b>51</b>  | <b>58</b> | <b>65</b>  |  |  |  |  |  |  |

|                           |                                |                |                |                |                |                |  |  |  |  |  |  |
|---------------------------|--------------------------------|----------------|----------------|----------------|----------------|----------------|--|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>ARTICULATED DUMP TRUCKS</b> |                |                |                |                |                |  |  |  |  |  |  |
| STANDARD                  | 9000<br>19845                  | 10600<br>23373 | 12250<br>27011 | 13800<br>30429 | 15500<br>34178 | 17100<br>37706 |  |  |  |  |  |  |

| COMMERCIAL DESCRIPTION                                     | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|------------------------------------------------------------|-----------------|-----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>X-SUPER TERRAIN+ E4 ** 206B</b><br>800/80 R 29 Tubeless | 952451<br>04779 | 26<br>16.2                  | 353<br>242                  | 805<br>31.7  | 2002<br>78.8 | 888<br>35     | 6005<br>236.4 | 67<br>84.4             |                         | 1315<br>347.4        | 27.00/3.5                                       | 25.00/3.5                                 |

|            |           |             |            |             |           |             |            |             |           |             |  |  |
|------------|-----------|-------------|------------|-------------|-----------|-------------|------------|-------------|-----------|-------------|--|--|
| <b>Bar</b> | <b>3</b>  | <b>3.25</b> | <b>3.5</b> | <b>3.74</b> | <b>4</b>  | <b>4.25</b> | <b>4.5</b> | <b>4.75</b> | <b>5</b>  | <b>5.25</b> |  |  |
| <b>Psi</b> | <b>44</b> | <b>47</b>   | <b>51</b>  | <b>54</b>   | <b>58</b> | <b>62</b>   | <b>65</b>  | <b>69</b>   | <b>73</b> | <b>76</b>   |  |  |

|                           |                                |                |                |                |                |                |                |                |                |                |  |  |
|---------------------------|--------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--|--|
| Machine - Use ( kg - lbs) | <b>ARTICULATED DUMP TRUCKS</b> |                |                |                |                |                |                |                |                |                |  |  |
| STANDARD                  | 12500<br>27563                 | 13200<br>29106 | 14000<br>30870 | 14700<br>32414 | 15500<br>34178 | 16300<br>35942 | 17000<br>37485 | 17800<br>39249 | 18500<br>40793 | 19000<br>41895 |  |  |

### 33"

| COMMERCIAL DESCRIPTION                     | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|--------------------------------------------|-----------------|-----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XDT B E4T **</b><br>18.00 R 33 Tubeless | 123733<br>57305 | 30<br>18.6                  | 262<br>179                  | 494<br>19.4  | 1868<br>73.5 | 885<br>34.8   | 5745<br>226.2 | 54<br>68               | 624<br>24.6             | 605<br>159.8         | 13.00/2.5                                       |                                           |

|            |           |            |           |            |           |            |            |            |  |  |  |  |
|------------|-----------|------------|-----------|------------|-----------|------------|------------|------------|--|--|--|--|
| <b>Bar</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>6.5</b> | <b>7</b>   | <b>7.5</b> |  |  |  |  |
| <b>Psi</b> | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  | <b>87</b> | <b>94</b>  | <b>102</b> | <b>109</b> |  |  |  |  |

|                           |                  |               |               |                |                |                |                |                |  |  |  |  |
|---------------------------|------------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>TRANSPORT</b> |               |               |                |                |                |                |                |  |  |  |  |
| STANDARD                  | 7950<br>17530    | 8700<br>19184 | 9400<br>20727 | 10150<br>22381 | 10900<br>24035 | 11270<br>24850 | 11650<br>25688 | 12000<br>26460 |  |  |  |  |

| COMMERCIAL DESCRIPTION                      | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|---------------------------------------------|-----------------|-----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XDT A4 E4T **</b><br>18.00 R 33 Tubeless | 123723<br>46374 | 18<br>11.2                  | 157<br>108                  | 494<br>19.4  | 1868<br>73.5 | 885<br>34.8   | 5745<br>226.2 | 54<br>68               | 624<br>24.6             | 605<br>159.8         | 13.00/2.5IN                                     | 13.00/2.5                                 |

|            |           |            |           |            |           |            |            |            |  |  |  |  |
|------------|-----------|------------|-----------|------------|-----------|------------|------------|------------|--|--|--|--|
| <b>Bar</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>6.5</b> | <b>7</b>   | <b>7.5</b> |  |  |  |  |
| <b>Psi</b> | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  | <b>87</b> | <b>94</b>  | <b>102</b> | <b>109</b> |  |  |  |  |

|                           |                  |               |               |                |                |                |                |                |  |  |  |  |
|---------------------------|------------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>TRANSPORT</b> |               |               |                |                |                |                |                |  |  |  |  |
| STANDARD                  | 7950<br>17530    | 8700<br>19184 | 9400<br>20727 | 10150<br>22381 | 10900<br>24035 | 11270<br>24850 | 11650<br>25688 | 12000<br>26460 |  |  |  |  |

### TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI

| COMMERCIAL DESCRIPTION                      | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPh | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|---------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>X-HAUL E4R **</b><br>18.00 R 33 Tubeless | 205207<br>58887 | 30<br>18.6                 | 262<br>179                  | 495<br>19.5  | 1860<br>73.2 | 856<br>33.7   | 5657<br>222.7 | 49<br>61.7             | 624<br>24.6             | 605<br>159.8         | 13.00/2.5IN                                     | 13.00/2.5                                 |

|            |           |            |           |            |           |            |            |            |  |  |  |  |
|------------|-----------|------------|-----------|------------|-----------|------------|------------|------------|--|--|--|--|
| <b>Bar</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>6.5</b> | <b>7</b>   | <b>7.5</b> |  |  |  |  |
| <b>Psi</b> | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  | <b>87</b> | <b>94</b>  | <b>102</b> | <b>109</b> |  |  |  |  |

|                           |                  |               |               |                |                |                |                |                |  |  |  |  |
|---------------------------|------------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>TRANSPORT</b> |               |               |                |                |                |                |                |  |  |  |  |
| <b>STANDARD</b>           | 7950<br>17530    | 8700<br>19184 | 9400<br>20727 | 10150<br>22381 | 10900<br>24035 | 11270<br>24850 | 11650<br>25688 | 12000<br>26460 |  |  |  |  |

| COMMERCIAL DESCRIPTION                          | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPh | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|-------------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>X-QUARRY S E4R **</b><br>18.00 R 33 Tubeless | 873291<br>15155 | 19<br>11.8                 | 166<br>114                  | 511<br>20.1  | 1864<br>73.4 | 867<br>34.1   | 5693<br>224.1 | 62<br>78.1             | 624<br>24.6             | 600<br>158.5         | 13.00/2.5IN                                     | 13.00/2.5                                 |

|            |           |            |           |            |           |            |            |            |  |  |  |  |
|------------|-----------|------------|-----------|------------|-----------|------------|------------|------------|--|--|--|--|
| <b>Bar</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>6.5</b> | <b>7</b>   | <b>7.5</b> |  |  |  |  |
| <b>Psi</b> | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  | <b>87</b> | <b>94</b>  | <b>102</b> | <b>109</b> |  |  |  |  |

|                           |                  |               |               |                |                |                |                |                |  |  |  |  |
|---------------------------|------------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>TRANSPORT</b> |               |               |                |                |                |                |                |  |  |  |  |
| <b>STANDARD</b>           | 7950<br>17530    | 8700<br>19184 | 9400<br>20727 | 10150<br>22381 | 10900<br>24035 | 11270<br>24850 | 11650<br>25688 | 12000<br>26460 |  |  |  |  |

| COMMERCIAL DESCRIPTION                                | CAI MSPN        | Max. dist./hour<br>km mile                                                                  | TKPH <sup>(1)</sup><br>TMPh | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|-------------------------------------------------------|-----------------|---------------------------------------------------------------------------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XTRA LOAD GRIP B E4 ***</b><br>18.00 R 33 Tubeless | 553513<br>12079 | 34<br>21.1<br>if load per<br>tire <=10.9 t<br><br>31<br>19.3<br>if load per<br>tire >10.9 t | 301<br>206                  | 497<br>19.6  | 1872<br>73.7 |               |               | 60<br>75.6             | 598<br>23.5             | 603<br>159.3         | 13.00/2.5IN                                     | 13.00/2.5                                 |

|            |           |            |           |            |           |            |            |            |            |  |  |  |
|------------|-----------|------------|-----------|------------|-----------|------------|------------|------------|------------|--|--|--|
| <b>Bar</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>6.5</b> | <b>7</b>   | <b>7.5</b> | <b>8</b>   |  |  |  |
| <b>Psi</b> | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  | <b>87</b> | <b>94</b>  | <b>102</b> | <b>109</b> | <b>116</b> |  |  |  |

|                           |                                             |               |               |                |                |  |  |  |  |  |  |  |
|---------------------------|---------------------------------------------|---------------|---------------|----------------|----------------|--|--|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>TRANSPORT LOAD PER TIRE &lt;= 10.9 T</b> |               |               |                |                |  |  |  |  |  |  |  |
| <b>STANDARD</b>           | 7950<br>17530                               | 8700<br>19184 | 9400<br>20727 | 10150<br>22381 | 10900<br>24035 |  |  |  |  |  |  |  |

|                           |                                            |  |  |  |  |                |                |                |                |  |  |  |
|---------------------------|--------------------------------------------|--|--|--|--|----------------|----------------|----------------|----------------|--|--|--|
| Machine - Use ( kg - lbs) | <b>TRANSPORT LOAD PER TIRE &gt; 10.9 T</b> |  |  |  |  |                |                |                |                |  |  |  |
| <b>STANDARD</b>           |                                            |  |  |  |  | 11700<br>25799 | 12150<br>26791 | 12650<br>27893 | 13100<br>28886 |  |  |  |

| COMMERCIAL DESCRIPTION                          | CAI MSPN        | Max. dist./hour<br>km mile                                                                  | TKPH <sup>(1)</sup><br>TMPh | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|-------------------------------------------------|-----------------|---------------------------------------------------------------------------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XTRA LOAD GRIP A4</b><br>18.00 R 33 Tubeless | 515155<br>09496 | 22<br>13.7<br>if load per<br>tire <=10.9 t<br><br>20<br>12.4<br>if load per<br>tire >10.9 t | 194<br>133                  | 497<br>19.6  | 1872<br>73.7 |               |               | 60<br>75.6             | 598<br>23.5             | 603<br>159.3         | 13.00/2.5IN                                     | 13.00/2.5                                 |

|            |           |            |           |            |           |            |            |            |            |  |  |  |
|------------|-----------|------------|-----------|------------|-----------|------------|------------|------------|------------|--|--|--|
| <b>Bar</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>6.5</b> | <b>7</b>   | <b>7.5</b> | <b>8</b>   |  |  |  |
| <b>Psi</b> | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  | <b>87</b> | <b>94</b>  | <b>102</b> | <b>109</b> | <b>116</b> |  |  |  |

|                           |                                             |               |               |                |                |  |  |  |  |  |  |  |
|---------------------------|---------------------------------------------|---------------|---------------|----------------|----------------|--|--|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>TRANSPORT LOAD PER TIRE &lt;= 10.9 T</b> |               |               |                |                |  |  |  |  |  |  |  |
| <b>STANDARD</b>           | 7950<br>17530                               | 8700<br>19184 | 9400<br>20727 | 10150<br>22381 | 10900<br>24035 |  |  |  |  |  |  |  |

|                           |                                            |  |  |  |  |                |                |                |                |  |  |  |
|---------------------------|--------------------------------------------|--|--|--|--|----------------|----------------|----------------|----------------|--|--|--|
| Machine - Use ( kg - lbs) | <b>TRANSPORT LOAD PER TIRE &gt; 10.9 T</b> |  |  |  |  |                |                |                |                |  |  |  |
| <b>STANDARD</b>           |                                            |  |  |  |  | 11700<br>25799 | 12150<br>26791 | 12650<br>27893 | 13100<br>28886 |  |  |  |

### TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI

| COMMERCIAL DESCRIPTION                                    | CAI MSPN        | Max. dist./hour<br>km mile                                                              | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|-----------------------------------------------------------|-----------------|-----------------------------------------------------------------------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XTRA LOAD PROTECT B E4 ***<br/>18.00 R 33 Tubeless</b> | 769976<br>21909 | 34<br>21.1<br>if load per<br>tire <=10.9 t<br>31<br>19.3<br>if load per<br>tire >10.9 t | 301<br>206                  | 498<br>19.6  | 1888<br>74.3 | 857<br>33.7   | 5713<br>224.9 | 63<br>79.4             | 598<br>23.5             | 603<br>159.3         | 13.00/2.5IN                                     | 13.00/2.5                                 |

|            |           |            |           |            |           |            |            |            |            |  |  |  |
|------------|-----------|------------|-----------|------------|-----------|------------|------------|------------|------------|--|--|--|
| <b>Bar</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>6.5</b> | <b>7</b>   | <b>7.5</b> | <b>8</b>   |  |  |  |
| <b>Psi</b> | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  | <b>87</b> | <b>94</b>  | <b>102</b> | <b>109</b> | <b>116</b> |  |  |  |

|                           |                                             |  |  |  |  |  |  |  |  |  |  |  |
|---------------------------|---------------------------------------------|--|--|--|--|--|--|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>TRANSPORT LOAD PER TIRE &lt;= 10.9 T</b> |  |  |  |  |  |  |  |  |  |  |  |
|---------------------------|---------------------------------------------|--|--|--|--|--|--|--|--|--|--|--|

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|-----------------|---------------|---------------|---------------|----------------|----------------|--|--|--|--|--|--|--|
| <b>STANDARD</b> | 7950<br>17530 | 8700<br>19184 | 9400<br>20727 | 10150<br>22381 | 10900<br>24035 |  |  |  |  |  |  |  |
|-----------------|---------------|---------------|---------------|----------------|----------------|--|--|--|--|--|--|--|

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|---------------------------|--------------------------------------------|--|--|--|--|--|--|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>TRANSPORT LOAD PER TIRE &gt; 10.9 T</b> |  |  |  |  |  |  |  |  |  |  |  |
|---------------------------|--------------------------------------------|--|--|--|--|--|--|--|--|--|--|--|

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|-----------------|--|--|--|--|--|----------------|----------------|----------------|----------------|--|--|--|
| <b>STANDARD</b> |  |  |  |  |  | 11700<br>25799 | 12150<br>26791 | 12650<br>27893 | 13100<br>28886 |  |  |  |
|-----------------|--|--|--|--|--|----------------|----------------|----------------|----------------|--|--|--|

| COMMERCIAL DESCRIPTION                              | CAI MSPN        | Max. dist./hour<br>km mile                                                              | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|-----------------------------------------------------|-----------------|-----------------------------------------------------------------------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XTRA LOAD PROTECT A4<br/>18.00 R 33 Tubeless</b> | 646057<br>89058 | 22<br>13.7<br>if load per<br>tire <=10.9 t<br>20<br>12.4<br>if load per<br>tire >10.9 t | 194<br>133                  | 498<br>19.6  | 1888<br>74.3 | 857<br>33.7   | 5713<br>224.9 | 63<br>79.4             | 598<br>23.5             | 603<br>159.3         | 13.00/2.5IN                                     | 13.00/2.5                                 |

|            |           |            |           |            |           |            |            |            |            |  |  |  |
|------------|-----------|------------|-----------|------------|-----------|------------|------------|------------|------------|--|--|--|
| <b>Bar</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>6.5</b> | <b>7</b>   | <b>7.5</b> | <b>8</b>   |  |  |  |
| <b>Psi</b> | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  | <b>87</b> | <b>94</b>  | <b>102</b> | <b>109</b> | <b>116</b> |  |  |  |

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|---------------------------|---------------------------------------------|--|--|--|--|--|--|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>TRANSPORT LOAD PER TIRE &lt;= 10.9 T</b> |  |  |  |  |  |  |  |  |  |  |  |
|---------------------------|---------------------------------------------|--|--|--|--|--|--|--|--|--|--|--|

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|-----------------|---------------|---------------|---------------|----------------|----------------|--|--|--|--|--|--|--|
| <b>STANDARD</b> | 7950<br>17530 | 8700<br>19184 | 9400<br>20727 | 10150<br>22381 | 10900<br>24035 |  |  |  |  |  |  |  |
|-----------------|---------------|---------------|---------------|----------------|----------------|--|--|--|--|--|--|--|

|                           |                                            |  |  |  |  |  |  |  |  |  |  |  |
|---------------------------|--------------------------------------------|--|--|--|--|--|--|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>TRANSPORT LOAD PER TIRE &gt; 10.9 T</b> |  |  |  |  |  |  |  |  |  |  |  |
|---------------------------|--------------------------------------------|--|--|--|--|--|--|--|--|--|--|--|

|                 |  |  |  |  |  |                |                |                |                |  |  |  |
|-----------------|--|--|--|--|--|----------------|----------------|----------------|----------------|--|--|--|
| <b>STANDARD</b> |  |  |  |  |  | 11700<br>25799 | 12150<br>26791 | 12650<br>27893 | 13100<br>28886 |  |  |  |
|-----------------|--|--|--|--|--|----------------|----------------|----------------|----------------|--|--|--|

| COMMERCIAL DESCRIPTION                           | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|--------------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>X-TRACTION E4T **<br/>18.00 R 33 Tubeless</b> | 397431<br>94105 | 25<br>15.5                 | 218<br>149                  | 493<br>19.4  | 1868<br>73.5 | 848<br>33.4   | 5652<br>222.5 | 62<br>78.1             | 624<br>24.6             | 661<br>174.6         | 13.00/2.5IN                                     | 13.00/2.5                                 |

|            |           |            |           |            |           |            |            |            |  |  |  |  |
|------------|-----------|------------|-----------|------------|-----------|------------|------------|------------|--|--|--|--|
| <b>Bar</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>6.5</b> | <b>7</b>   | <b>7.5</b> |  |  |  |  |
| <b>Psi</b> | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  | <b>87</b> | <b>94</b>  | <b>102</b> | <b>109</b> |  |  |  |  |

|                           |                  |  |  |  |  |  |  |  |  |  |  |  |
|---------------------------|------------------|--|--|--|--|--|--|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>TRANSPORT</b> |  |  |  |  |  |  |  |  |  |  |  |
|---------------------------|------------------|--|--|--|--|--|--|--|--|--|--|--|

|                 |               |               |               |                |                |                |                |                |  |  |  |  |
|-----------------|---------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|--|--|--|--|
| <b>STANDARD</b> | 7950<br>17530 | 8700<br>19184 | 9400<br>20727 | 10150<br>22381 | 10900<br>24035 | 11270<br>24850 | 11650<br>25688 | 12000<br>26460 |  |  |  |  |
|-----------------|---------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|--|--|--|--|

| COMMERCIAL DESCRIPTION                                   | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|----------------------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XV C E2 **<br/>18.00 R 33 Tubeless <sup>(9)</sup></b> | 271325<br>45385 | 50<br>31.1                 | 436<br>299                  | 496<br>19.5  | 1820<br>71.7 | 822<br>32.4   | 5486<br>216   | 26<br>32.8             | 624<br>24.6             | 640<br>169.1         | 13.00/2.5IN                                     | 13.00/2.5                                 |

|            |           |            |           |            |           |            |            |            |  |  |  |  |
|------------|-----------|------------|-----------|------------|-----------|------------|------------|------------|--|--|--|--|
| <b>Bar</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>6.5</b> | <b>7</b>   | <b>7.5</b> |  |  |  |  |
| <b>Psi</b> | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  | <b>87</b> | <b>94</b>  | <b>102</b> | <b>109</b> |  |  |  |  |

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|---------------------------|------------------|--|--|--|--|--|--|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>TRANSPORT</b> |  |  |  |  |  |  |  |  |  |  |  |
|---------------------------|------------------|--|--|--|--|--|--|--|--|--|--|--|

|                 |               |               |               |                |                |                |                |                |  |  |  |  |
|-----------------|---------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|--|--|--|--|
| <b>STANDARD</b> | 7950<br>17530 | 8700<br>19184 | 9400<br>20727 | 10150<br>22381 | 10900<br>24035 | 11270<br>24850 | 11650<br>25688 | 12000<br>26460 |  |  |  |  |
|-----------------|---------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|--|--|--|--|

### TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI

| COMMERCIAL DESCRIPTION                                 | CAI MSPN                                  | Max. dist./ hour<br>km mile              | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch   | D<br>mm inch   | R'<br>mm inch  | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|--------------------------------------------------------|-------------------------------------------|------------------------------------------|-----------------------------|----------------|----------------|----------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XTRA LOAD GRIP A4 E4 ***</b><br>21.00 R 33 Tubeless | 843315<br>31734                           | 22<br>13.7<br>if load per<br>tire <=14 t | 248<br>170                  | 565<br>22.2    | 2003<br>78.9   | 907<br>35.7    | 6056<br>238.4  | 66<br>83.1             | 701<br>27.6             | 857<br>226.4         | 15.00/3.0                                       |                                           |
|                                                        |                                           | 20<br>12.4<br>if load per<br>tire >14 t  |                             |                |                |                |                |                        |                         |                      |                                                 |                                           |
| Bar                                                    | 4                                         | 4.5                                      |                             | 5              | 5.5            | 6              | 6.5            | 7                      | 7.25                    | 7.5                  | 8                                               |                                           |
| Psi                                                    | 58                                        | 65                                       |                             | 73             | 80             | 87             | 94             | 102                    | 105                     | 109                  | 116                                             |                                           |
| Machine - Use ( kg - lbs)                              | <b>TRANSPORT LOAD PER TIRE &lt;= 14 T</b> |                                          |                             |                |                |                |                |                        |                         |                      |                                                 |                                           |
| STANDARD                                               | 9315<br>20540                             | 10250<br>22601                           |                             | 11185<br>24663 | 12125<br>26736 | 13065<br>28808 | 14000<br>30870 |                        |                         |                      |                                                 |                                           |
| Machine - Use ( kg - lbs)                              | <b>TRANSPORT LOAD PER TIRE &gt; 14 T</b>  |                                          |                             |                |                |                |                |                        |                         |                      |                                                 |                                           |
| ALL AXLES                                              |                                           |                                          |                             |                |                |                |                | 15000<br>33075         | 15500<br>34178          | 15867<br>34987       | 16600<br>36603                                  |                                           |

| COMMERCIAL DESCRIPTION                                 | CAI MSPN                                  | Max. dist./ hour<br>km mile              | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch   | D<br>mm inch   | R'<br>mm inch  | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|--------------------------------------------------------|-------------------------------------------|------------------------------------------|-----------------------------|----------------|----------------|----------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XTRA LOAD GRIP B E4T ***</b><br>21.00 R 33 Tubeless | 523174<br>03975                           | 34<br>21.1<br>if load per<br>tire <=14 t | 384<br>263                  | 565<br>22.2    | 2003<br>78.9   | 906<br>35.7    | 6054<br>238.3  | 66<br>83.1             | 701<br>27.6             | 857<br>226.4         | 15.00/3.0                                       |                                           |
|                                                        |                                           | 31<br>19.3<br>if load per<br>tire >14 t  |                             |                |                |                |                |                        |                         |                      |                                                 |                                           |
| Bar                                                    | 4                                         | 4.5                                      |                             | 5              | 5.5            | 6              | 6.5            | 7                      | 7.25                    | 7.5                  | 8                                               |                                           |
| Psi                                                    | 58                                        | 65                                       |                             | 73             | 80             | 87             | 94             | 102                    | 105                     | 109                  | 116                                             |                                           |
| Machine - Use ( kg - lbs)                              | <b>TRANSPORT LOAD PER TIRE &lt;= 14 T</b> |                                          |                             |                |                |                |                |                        |                         |                      |                                                 |                                           |
| STANDARD                                               | 9315<br>20540                             | 10250<br>22601                           |                             | 11185<br>24663 | 12125<br>26736 | 13065<br>28808 | 14000<br>30870 |                        |                         |                      |                                                 |                                           |
| Machine - Use ( kg - lbs)                              | <b>TRANSPORT LOAD PER TIRE &gt; 14 T</b>  |                                          |                             |                |                |                |                |                        |                         |                      |                                                 |                                           |
| ALL AXLES                                              |                                           |                                          |                             |                |                |                |                | 15000<br>33075         | 15500<br>34178          | 15867<br>34987       | 16600<br>36603                                  |                                           |

| COMMERCIAL DESCRIPTION                                     | CAI MSPN                                  | Max. dist./ hour<br>km mile              | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch   | D<br>mm inch   | R'<br>mm inch  | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|------------------------------------------------------------|-------------------------------------------|------------------------------------------|-----------------------------|----------------|----------------|----------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XTRA LOAD PROTECT A4 E4T ***</b><br>21.00 R 33 Tubeless | 167639<br>05749                           | 22<br>13.7<br>if load per<br>tire <=14 t | 248<br>170                  | 565<br>22.2    | 1979<br>77.9   | 895<br>35.2    | 5981<br>235.5  | 54<br>68               | 701<br>27.6             | 859<br>226.9         | 15.00/3.0                                       |                                           |
|                                                            |                                           | 20<br>12.4<br>if load per<br>tire >14 t  |                             |                |                |                |                |                        |                         |                      |                                                 |                                           |
| Bar                                                        | 4                                         | 4.5                                      |                             | 5              | 5.5            | 6              | 6.5            | 7                      | 7.25                    | 7.5                  | 8                                               |                                           |
| Psi                                                        | 58                                        | 65                                       |                             | 73             | 80             | 87             | 94             | 102                    | 105                     | 109                  | 116                                             |                                           |
| Machine - Use ( kg - lbs)                                  | <b>TRANSPORT LOAD PER TIRE &lt;= 14 T</b> |                                          |                             |                |                |                |                |                        |                         |                      |                                                 |                                           |
| STANDARD                                                   | 9315<br>20540                             | 10250<br>22601                           |                             | 11185<br>24663 | 12125<br>26736 | 13065<br>28808 | 14000<br>30870 |                        |                         |                      |                                                 |                                           |
| Machine - Use ( kg - lbs)                                  | <b>TRANSPORT LOAD PER TIRE &gt; 14 T</b>  |                                          |                             |                |                |                |                |                        |                         |                      |                                                 |                                           |
| ALL AXLES                                                  |                                           |                                          |                             |                |                |                |                | 15000<br>33075         | 15500<br>34178          | 15867<br>34987       | 16600<br>36603                                  |                                           |

### TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI

| COMMERCIAL DESCRIPTION                                     | CAI MSPN                                  | Max. dist./ hour<br>km mile              | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch   | D<br>mm inch   | R'<br>mm inch  | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|------------------------------------------------------------|-------------------------------------------|------------------------------------------|-----------------------------|----------------|----------------|----------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XTRA LOAD PROTECT B E4T ***<br/>21.00 R 33 Tubeless</b> | 495016<br>35283                           | 34<br>21.1<br>if load per<br>tire <=14 t | 384<br>263                  | 565<br>22.2    | 1979<br>77.9   | 895<br>35.2    | 5981<br>235.5 | 54<br>68               | 701<br>27.6             | 859<br>226.9         | 15.00/3.0                                       |                                           |
| <b>Bar</b>                                                 | <b>4</b>                                  | <b>4.5</b>                               |                             | <b>5</b>       | <b>5.5</b>     | <b>6</b>       | <b>6.5</b>    | <b>7</b>               | <b>7.25</b>             |                      | <b>7.5</b>                                      | <b>8</b>                                  |
| <b>Psi</b>                                                 | <b>58</b>                                 | <b>65</b>                                |                             | <b>73</b>      | <b>80</b>      | <b>87</b>      | <b>94</b>     | <b>102</b>             | <b>105</b>              |                      | <b>109</b>                                      | <b>116</b>                                |
| Machine - Use ( kg - lbs)                                  | <b>TRANSPORT LOAD PER TIRE &lt;= 14 T</b> |                                          |                             |                |                |                |               |                        |                         |                      |                                                 |                                           |
| <b>STANDARD</b>                                            | 9315<br>20540                             | 10250<br>22601                           | 11185<br>24663              | 12125<br>26736 | 13065<br>28808 | 14000<br>30870 |               |                        |                         |                      |                                                 |                                           |
| Machine - Use ( kg - lbs)                                  | <b>TRANSPORT LOAD PER TIRE &gt; 14 T</b>  |                                          |                             |                |                |                |               |                        |                         |                      |                                                 |                                           |
| <b>ALL AXLES</b>                                           |                                           |                                          |                             |                |                |                |               | 15000<br>33075         | 15500<br>34178          | 15867<br>34987       | 16600<br>36603                                  |                                           |

| COMMERCIAL DESCRIPTION                           | CAI MSPN         | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch   | D<br>mm inch   | R'<br>mm inch  | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|--------------------------------------------------|------------------|-----------------------------|-----------------------------|----------------|----------------|----------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>X-TRACTION E4T **<br/>21.00 R 33 Tubeless</b> | 067981<br>17274  | 25<br>15.5                  | 280<br>192                  | 572<br>22.5    | 2007<br>79     | 907<br>35.7    | 6064<br>238.7  | 71<br>89.4             | 697<br>27.4             | 851<br>224.8         | 15.00/3.0                                       |                                           |
| <b>Bar</b>                                       | <b>4</b>         | <b>4.5</b>                  |                             | <b>5</b>       | <b>5.5</b>     | <b>6</b>       | <b>6.5</b>     | <b>7</b>               |                         |                      |                                                 |                                           |
| <b>Psi</b>                                       | <b>58</b>        | <b>65</b>                   |                             | <b>73</b>      | <b>80</b>      | <b>87</b>      | <b>94</b>      | <b>102</b>             |                         |                      |                                                 |                                           |
| Machine - Use ( kg - lbs)                        | <b>TRANSPORT</b> |                             |                             |                |                |                |                |                        |                         |                      |                                                 |                                           |
| <b>STANDARD</b>                                  | 9315<br>20540    | 10250<br>22601              | 11185<br>24663              | 12125<br>26736 | 13065<br>28808 | 14000<br>30870 | 14470<br>31906 |                        |                         |                      |                                                 |                                           |

| COMMERCIAL DESCRIPTION                           | CAI MSPN         | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch   | D<br>mm inch   | R'<br>mm inch  | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|--------------------------------------------------|------------------|-----------------------------|-----------------------------|----------------|----------------|----------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>X-TRACTION E4T **<br/>21.00 R 33 Tubeless</b> | 294197           | 18<br>11.2                  | 202<br>138                  | 572<br>22.5    | 2007<br>79     | 907<br>35.7    | 6064<br>238.7  | 71<br>89.4             | 697<br>27.4             | 851<br>224.8         | 15.00/3.0                                       |                                           |
| <b>Bar</b>                                       | <b>4</b>         | <b>4.5</b>                  |                             | <b>5</b>       | <b>5.5</b>     | <b>6</b>       | <b>6.5</b>     | <b>7</b>               |                         |                      |                                                 |                                           |
| <b>Psi</b>                                       | <b>58</b>        | <b>65</b>                   |                             | <b>73</b>      | <b>80</b>      | <b>87</b>      | <b>94</b>      | <b>102</b>             |                         |                      |                                                 |                                           |
| Machine - Use ( kg - lbs)                        | <b>TRANSPORT</b> |                             |                             |                |                |                |                |                        |                         |                      |                                                 |                                           |
| <b>STANDARD</b>                                  | 9315<br>20540    | 10250<br>22601              | 11185<br>24663              | 12125<br>26736 | 13065<br>28808 | 14000<br>30870 | 14470<br>31906 |                        |                         |                      |                                                 |                                           |

| COMMERCIAL DESCRIPTION                         | CAI MSPN         | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch   | D<br>mm inch   | R'<br>mm inch  | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|------------------------------------------------|------------------|-----------------------------|-----------------------------|----------------|----------------|----------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>X-HAUL S E4P **<br/>21.00 R 33 Tubeless</b> | 612785<br>08931  | 25<br>15.5                  | 280<br>192                  | 550<br>21.7    | 1966<br>77.4   | 895<br>35.2    | 5955<br>234.4  | 53<br>66.8             | 697<br>27.4             | 820<br>216.6         | 15.00/3.0                                       |                                           |
| <b>Bar</b>                                     | <b>4</b>         | <b>4.5</b>                  |                             | <b>5</b>       | <b>5.5</b>     | <b>6</b>       | <b>6.5</b>     | <b>7</b>               |                         |                      |                                                 |                                           |
| <b>Psi</b>                                     | <b>58</b>        | <b>65</b>                   |                             | <b>73</b>      | <b>80</b>      | <b>87</b>      | <b>94</b>      | <b>102</b>             |                         |                      |                                                 |                                           |
| Machine - Use ( kg - lbs)                      | <b>TRANSPORT</b> |                             |                             |                |                |                |                |                        |                         |                      |                                                 |                                           |
| <b>STANDARD</b>                                | 9315<br>20540    | 10250<br>22601              | 11185<br>24663              | 12125<br>26736 | 13065<br>28808 | 14000<br>30870 | 14470<br>31906 |                        |                         |                      |                                                 |                                           |



### TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI

| COMMERCIAL DESCRIPTION                     | CAI MSPN                      | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch   | D<br>mm inch   | R'<br>mm inch  | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|--------------------------------------------|-------------------------------|----------------------------|-----------------------------|----------------|----------------|----------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XLD D2 L5 **</b><br>35/65 R 33 Tubeless | 592188<br>29247               | 10<br>6.2                  |                             | 926<br>36.5    | 2060<br>81.1   | 902<br>35.5    | 6150<br>242.1  | 97<br>122.2            |                         | 1457<br>384.9        | 28.00/3.5                                       |                                           |
| Bar                                        | 2                             | 2.5                        |                             | 3              | 3.5            | 4              | 4.5            | 5                      |                         | 5.5                  | 6                                               | 6.5                                       |
| Psi                                        | 29                            | 36                         |                             | 44             | 51             | 58             | 65             | 73                     |                         | 80                   | 87                                              | 94                                        |
| Machine - Use ( kg - lbs)                  | LOADER                        |                            |                             |                |                |                |                |                        |                         |                      |                                                 |                                           |
| FRONT LADEN                                |                               |                            |                             | 16100<br>35501 | 17700<br>39029 | 19000<br>41895 | 21200<br>46746 | 23000<br>50715         |                         | 24300<br>53582       | 25750<br>56779                                  | 28000<br>61740                            |
| REAR UNLADEN                               |                               |                            |                             | 12900<br>28445 | 14200<br>31311 | 15200<br>33516 | 16950<br>37375 | 18400<br>40572         |                         | 19450<br>42887       | 20600<br>45423                                  | 22400<br>49392                            |
| Machine - Use ( kg - lbs)                  | UNDERGROUND TRANSPORT MACHINE |                            |                             |                |                |                |                |                        |                         |                      |                                                 |                                           |
| ALL AXLES                                  |                               |                            |                             | 13600<br>29988 | 15500<br>34178 | 17000<br>37485 | 18500<br>40793 | 20000<br>44100         |                         | 21800<br>48069       | 23000<br>50715                                  | 24300<br>53582                            |

| COMMERCIAL DESCRIPTION                       | CAI MSPN                      | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch   | D<br>mm inch   | R'<br>mm inch  | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|----------------------------------------------|-------------------------------|----------------------------|-----------------------------|----------------|----------------|----------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XMINE D2 L5 **</b><br>35/65 R 33 Tubeless | 944666<br>67187               | 6<br>3.7                   |                             | 921<br>36.3    | 2051<br>80.7   | 916<br>36.1    | 6169<br>242.9  | 93<br>117.2            |                         | 1338<br>353.5        | 28.00/3.5                                       |                                           |
| Bar                                          | 2                             | 2.5                        |                             | 3              | 3.5            | 4              | 4.5            | 5                      |                         | 5.5                  | 6                                               | 6.5                                       |
| Psi                                          | 29                            | 36                         |                             | 44             | 51             | 58             | 65             | 73                     |                         | 80                   | 87                                              | 94                                        |
| Machine - Use ( kg - lbs)                    | LOADER                        |                            |                             |                |                |                |                |                        |                         |                      |                                                 |                                           |
| FRONT LADEN                                  |                               |                            |                             | 16100<br>35501 | 17700<br>39029 | 19000<br>41895 | 21200<br>46746 | 23000<br>50715         |                         | 24300<br>53582       | 25750<br>56779                                  | 28000<br>61740                            |
| REAR UNLADEN                                 |                               |                            |                             | 12900<br>28445 | 14200<br>31311 | 15200<br>33516 | 16950<br>37375 | 18400<br>40572         |                         | 19450<br>42887       | 20600<br>45423                                  | 22400<br>49392                            |
| Machine - Use ( kg - lbs)                    | UNDERGROUND TRANSPORT MACHINE |                            |                             |                |                |                |                |                        |                         |                      |                                                 |                                           |
| ALL AXLES                                    |                               |                            |                             | 13600<br>29988 | 15500<br>34178 | 17000<br>37485 | 18500<br>40793 | 20000<br>44100         |                         | 21800<br>48069       | 23000<br>50715                                  | 24300<br>53582                            |

| COMMERCIAL DESCRIPTION                        | CAI MSPN                      | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch   | D<br>mm inch   | R'<br>mm inch  | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|-----------------------------------------------|-------------------------------|----------------------------|-----------------------------|----------------|----------------|----------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XLD D1 A L4R **</b><br>35/65 R 33 Tubeless | 143231<br>33617               | 14<br>8.7                  |                             | 923<br>36.3    | 2056<br>80.9   | 899<br>35.4    | 6135<br>241.5  | 60<br>75.6             |                         | 1550<br>409.5        | 28.00/3.5                                       |                                           |
| Bar                                           | 2                             | 2.5                        |                             | 3              | 3.5            | 4              | 4.5            | 5                      |                         | 5.5                  | 6                                               | 6.5                                       |
| Psi                                           | 29                            | 36                         |                             | 44             | 51             | 58             | 65             | 73                     |                         | 80                   | 87                                              | 94                                        |
| Machine - Use ( kg - lbs)                     | LOADER                        |                            |                             |                |                |                |                |                        |                         |                      |                                                 |                                           |
| FRONT LADEN                                   |                               |                            |                             | 16100<br>35501 | 17700<br>39029 | 19000<br>41895 | 21200<br>46746 | 23000<br>50715         |                         | 24300<br>53582       | 25750<br>56779                                  | 28000<br>61740                            |
| REAR UNLADEN                                  |                               |                            |                             | 12900<br>28445 | 14200<br>31311 | 15200<br>33516 | 16950<br>37375 | 18400<br>40572         |                         | 19450<br>42887       | 20600<br>45423                                  | 22400<br>49392                            |
| Machine - Use ( kg - lbs)                     | UNDERGROUND TRANSPORT MACHINE |                            |                             |                |                |                |                |                        |                         |                      |                                                 |                                           |
| ALL AXLES                                     |                               |                            |                             | 13600<br>29988 | 15500<br>34178 | 17000<br>37485 | 18500<br>40793 | 20000<br>44100         |                         | 21800<br>48069       | 23000<br>50715                                  | 24300<br>53582                            |

| COMMERCIAL DESCRIPTION                                       | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch   | D<br>mm inch   | R'<br>mm inch  | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|--------------------------------------------------------------|-----------------|----------------------------|-----------------------------|----------------|----------------|----------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>X MINE D2 EXTRA LOAD L5 TL ***</b><br>35/65 R 33 Tubeless | 038242<br>61090 | 6<br>3.7                   |                             | 921<br>36.3    | 2077<br>81.8   | 923<br>36.3    | 6236<br>245.5  | 93<br>117.2            |                         | 1410<br>372.5        | 28.00/3.5                                       |                                           |
| Bar                                                          | 3               | 4                          |                             | 4.5            | 5              | 5.5            | 6              | 6.5                    |                         | 7                    | 7.5                                             | 8                                         |
| Psi                                                          | 44              | 58                         |                             | 65             | 73             | 80             | 87             | 94                     |                         | 102                  | 109                                             | 116                                       |
| Machine - Use ( kg - lbs)                                    | LOADER          |                            |                             |                |                |                |                |                        |                         |                      |                                                 |                                           |
| FRONT LADEN                                                  | 16100<br>35501  | 19000<br>41895             |                             | 21200<br>46746 | 23000<br>50715 | 24300<br>53582 | 25750<br>56779 | 28000<br>61740         |                         | 30000<br>66150       | 31500<br>69458                                  | 32500<br>71663                            |
| REAR UNLADEN                                                 | 12900<br>28445  | 15200<br>33516             |                             | 16950<br>37375 | 18400<br>40572 | 19450<br>42887 | 20600<br>45423 | 22400<br>49392         |                         | 24000<br>52920       | 25200<br>55566                                  | 26000<br>57330                            |

### TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI

| COMMERCIAL DESCRIPTION                       | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch   | D<br>mm inch   | R'<br>mm inch  | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|----------------------------------------------|-----------------|-----------------------------|-----------------------------|----------------|----------------|----------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XSM D2+ L5S **</b><br>35/65 R 33 Tubeless | 980846<br>39998 | 4<br>2.5                    |                             | 921<br>36.3    | 2050<br>80.7   | 916<br>36.1    | 6166<br>242.8  | 97<br>122.2            |                         | 1350<br>356.7        | 28.00/3.5                                       |                                           |
| <b>Bar</b>                                   | <b>2</b>        | <b>2.5</b>                  |                             | <b>3</b>       | <b>3.5</b>     | <b>4</b>       | <b>4.5</b>     | <b>5</b>               | <b>5.5</b>              | <b>6</b>             | <b>6.5</b>                                      |                                           |
| <b>Psi</b>                                   | <b>29</b>       | <b>36</b>                   |                             | <b>44</b>      | <b>51</b>      | <b>58</b>      | <b>65</b>      | <b>73</b>              | <b>80</b>               | <b>87</b>            | <b>94</b>                                       |                                           |
| <b>Machine - Use ( kg - lbs)      LOADER</b> |                 |                             |                             |                |                |                |                |                        |                         |                      |                                                 |                                           |
| FRONT LADEN                                  |                 |                             |                             | 16100<br>35501 | 17700<br>39029 | 19000<br>41895 | 21200<br>46746 | 23000<br>50715         | 24300<br>53582          | 25750<br>56779       | 28000<br>61740                                  |                                           |
| REAR UNLADEN                                 |                 |                             |                             | 12900<br>28445 | 14200<br>31311 | 15200<br>33516 | 16950<br>37375 | 18400<br>40572         | 19450<br>42887          | 20600<br>45423       | 22400<br>49392                                  |                                           |

| COMMERCIAL DESCRIPTION                                       | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch   | D<br>mm inch   | R'<br>mm inch  | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|--------------------------------------------------------------|-----------------|-----------------------------|-----------------------------|----------------|----------------|----------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XSM DN+ L3S ***</b><br>35/65 R 33 Tubeless <sup>(9)</sup> | 432610<br>07865 | 10<br>6.2                   |                             | 920<br>36.2    | 2022<br>79.6   | 897<br>35.3    | 6066<br>238.8  | 49<br>61.7             |                         | 1547<br>408.7        | 28.00/3.5                                       |                                           |
| <b>Bar</b>                                                   | <b>3</b>        | <b>4</b>                    |                             | <b>4.5</b>     | <b>5</b>       | <b>5.5</b>     | <b>6</b>       | <b>6.5</b>             | <b>7</b>                | <b>7.5</b>           | <b>8</b>                                        |                                           |
| <b>Psi</b>                                                   | <b>44</b>       | <b>58</b>                   |                             | <b>65</b>      | <b>73</b>      | <b>80</b>      | <b>87</b>      | <b>94</b>              | <b>102</b>              | <b>109</b>           | <b>116</b>                                      |                                           |
| <b>Machine - Use ( kg - lbs)      LOADER</b>                 |                 |                             |                             |                |                |                |                |                        |                         |                      |                                                 |                                           |
| FRONT LADEN                                                  | 16100<br>35501  | 19000<br>41895              |                             | 21200<br>46746 | 23000<br>50715 | 24300<br>53582 | 25750<br>56779 | 28000<br>61740         | 30000<br>66150          | 31500<br>6946        | 32500<br>71663                                  |                                           |
| REAR UNLADEN                                                 | 12900<br>28445  | 15200<br>33516              |                             | 16950<br>37375 | 18400<br>40572 | 19450<br>42887 | 20600<br>45423 | 22400<br>49392         | 24000<br>52920          | 25200<br>55566       | 26000<br>57330                                  |                                           |

| COMMERCIAL DESCRIPTION                                              | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch   | D<br>mm inch   | R'<br>mm inch  | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|---------------------------------------------------------------------|-----------------|-----------------------------|-----------------------------|----------------|----------------|----------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XSM DN L3S</b><br>35/65 R 33 Tubeless                            | 123052<br>92439 | 10<br>6.2                   |                             | 918<br>36.1    | 2012<br>79.2   | 899<br>35.4    | 6052<br>238.3  | 44<br>55.4             |                         | 1550<br>409.5        | 28.00/3.5                                       |                                           |
| <b>Bar</b>                                                          | <b>2</b>        | <b>2.5</b>                  |                             | <b>3</b>       | <b>3.5</b>     | <b>4</b>       | <b>4.5</b>     | <b>5</b>               | <b>5.5</b>              | <b>6</b>             |                                                 |                                           |
| <b>Psi</b>                                                          | <b>29</b>       | <b>36</b>                   |                             | <b>44</b>      | <b>51</b>      | <b>58</b>      | <b>65</b>      | <b>73</b>              | <b>80</b>               | <b>87</b>            |                                                 |                                           |
| <b>Machine - Use ( kg - lbs)      LOADERS</b>                       |                 |                             |                             |                |                |                |                |                        |                         |                      |                                                 |                                           |
| FRONT LADEN                                                         | 13750<br>30319  | 14850<br>32744              |                             | 16100<br>35501 | 17700<br>39029 | 19000<br>41895 | 21200<br>46746 | 23000<br>50715         | 24150<br>53251          | 25300<br>55787       |                                                 |                                           |
| REAR UNLADEN                                                        | 10990<br>24233  | 11870<br>26173              |                             | 12870<br>28378 | 14170<br>31245 | 15200<br>33516 | 16950<br>37375 | 18400<br>40572         | 19300<br>42557          | 20250<br>44651       |                                                 |                                           |
| <b>Machine - Use ( kg - lbs)      UNDERGROUND TRANSPORT MACHINE</b> |                 |                             |                             |                |                |                |                |                        |                         |                      |                                                 |                                           |
| ALL AXLES                                                           |                 |                             |                             | 13600<br>29988 | 15500<br>34178 | 17000<br>37485 | 18500<br>40793 | 20000<br>44100         | 21800<br>48069          | 23000<br>50715       |                                                 |                                           |

| COMMERCIAL DESCRIPTION                                                | CAI MSPN        | Max. dist./ hour<br>km mile                                                        | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch   | D<br>mm inch   | R'<br>mm inch  | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|-----------------------------------------------------------------------|-----------------|------------------------------------------------------------------------------------|-----------------------------|----------------|----------------|----------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XTRA POWER L5 ***</b><br>35/65 R 33 Tubeless                       | 169990<br>51910 | 10<br>6.2<br>if load per<br>tire <=28 t<br><br>8<br>5<br>if load per<br>tire >28 t |                             | 930<br>36.6    | 2058<br>81     | 905<br>36      | 6154<br>242    | 95<br>119.7            |                         | 1403<br>370.7        | 28.00/3.5                                       |                                           |
| <b>Bar</b>                                                            | <b>3</b>        | <b>4</b>                                                                           |                             | <b>4.5</b>     | <b>5</b>       | <b>5.5</b>     | <b>6</b>       | <b>6.5</b>             | <b>7</b>                | <b>7.5</b>           | <b>8</b>                                        |                                           |
| <b>Psi</b>                                                            | <b>44</b>       | <b>58</b>                                                                          |                             | <b>65</b>      | <b>73</b>      | <b>80</b>      | <b>87</b>      | <b>94</b>              | <b>102</b>              | <b>109</b>           | <b>116</b>                                      |                                           |
| <b>Machine - Use ( kg - lbs)      LOADER LOAD PER TIRE &lt;= 28 T</b> |                 |                                                                                    |                             |                |                |                |                |                        |                         |                      |                                                 |                                           |
| FRONT LADEN                                                           | 16100<br>35501  | 19000<br>41895                                                                     |                             | 21200<br>46746 | 23000<br>50715 | 24300<br>53582 | 25750<br>56779 | 28000<br>61740         |                         |                      |                                                 |                                           |
| REAR UNLADEN                                                          | 12900<br>28445  | 15200<br>33516                                                                     |                             | 16950<br>37375 | 18400<br>40572 | 19450<br>42887 | 20600<br>45423 | 22400<br>49392         |                         |                      |                                                 |                                           |
| <b>Machine - Use ( kg - lbs)      LOADER LOAD PER TIRE &gt; 28 T</b>  |                 |                                                                                    |                             |                |                |                |                |                        |                         |                      |                                                 |                                           |
| FRONT LADEN                                                           |                 |                                                                                    |                             |                |                |                |                |                        | 30000<br>66150          | 31500<br>69458       | 32500<br>71663                                  |                                           |
| REAR UNLADEN                                                          |                 |                                                                                    |                             |                |                |                |                |                        | 24000<br>52920          | 25200<br>55566       | 26000<br>57330                                  |                                           |

### TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI

| COMMERCIAL DESCRIPTION                                                        | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|-------------------------------------------------------------------------------|-----------------|-----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>X UM HAUL SH-4 **** 225A8</b><br><b>35/65 R 33 Tubeless <sup>(9)</sup></b> | 645051<br>78667 | 14<br>8.7                   | 360<br>247                  | 922<br>36.3  | 2081<br>81.9 |               |               | 60<br>75.6             |                         | 1505<br>397.6        | 28.00/3.5                                       |                                           |

|            |            |           |            |           |            |            |  |  |  |  |  |  |
|------------|------------|-----------|------------|-----------|------------|------------|--|--|--|--|--|--|
| <b>Bar</b> | <b>4.5</b> | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>6.5</b> | <b>7</b>   |  |  |  |  |  |  |
| <b>Psi</b> | <b>65</b>  | <b>73</b> | <b>80</b>  | <b>87</b> | <b>94</b>  | <b>102</b> |  |  |  |  |  |  |

|                           |                                      |                |                |                |                |                |  |  |  |  |  |  |
|---------------------------|--------------------------------------|----------------|----------------|----------------|----------------|----------------|--|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>UNDERGROUND TRANSPORT MACHINE</b> |                |                |                |                |                |  |  |  |  |  |  |
| ALL AXLES                 | 23000<br>50715                       | 24300<br>53582 | 25750<br>56779 | 27250<br>60086 | 29000<br>63945 | 31500<br>69458 |  |  |  |  |  |  |

| COMMERCIAL DESCRIPTION                                         | CAI MSPN        | Max. dist./ hour<br>km mile                                                             | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|----------------------------------------------------------------|-----------------|-----------------------------------------------------------------------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XTXL E4 **** L4 *** 229A2</b><br><b>35/65 R 33 Tubeless</b> | 845075<br>46729 | 14<br>8.7<br>if load per<br>tire <= 28 t<br><br>10<br>6.2<br>if load per<br>tire > 28 t | 250<br>171                  | 907<br>35.7  | 2026<br>79.8 | 887<br>34.9   | 6048<br>238.1 | 60<br>75.6             |                         | 1474<br>389.4        | 28.00/3.5                                       |                                           |

|            |           |           |            |           |            |           |            |            |            |            |  |  |
|------------|-----------|-----------|------------|-----------|------------|-----------|------------|------------|------------|------------|--|--|
| <b>Bar</b> | <b>3</b>  | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>6.5</b> | <b>7</b>   | <b>7.5</b> | <b>8</b>   |  |  |
| <b>Psi</b> | <b>44</b> | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  | <b>87</b> | <b>94</b>  | <b>102</b> | <b>109</b> | <b>116</b> |  |  |

|                           |                                        |                |                |                |                |                |                |  |  |  |  |  |
|---------------------------|----------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>LOADER LOAD PER TIRE &lt;= 28 T</b> |                |                |                |                |                |                |  |  |  |  |  |
| FRONT LADEN               | 16100<br>35501                         | 19000<br>41895 | 21200<br>46746 | 23000<br>50715 | 24300<br>53582 | 25750<br>56779 | 28000<br>61740 |  |  |  |  |  |
| REAR UNLADEN              | 12900<br>28445                         | 15200<br>33516 | 16950<br>37375 | 18400<br>40572 | 19450<br>42887 | 20600<br>45423 | 22400<br>49392 |  |  |  |  |  |

|                           |                                       |  |  |  |  |  |  |  |  |                |                |                |
|---------------------------|---------------------------------------|--|--|--|--|--|--|--|--|----------------|----------------|----------------|
| Machine - Use ( kg - lbs) | <b>LOADER LOAD PER TIRE &gt; 28 T</b> |  |  |  |  |  |  |  |  |                |                |                |
| FRONT LADEN               |                                       |  |  |  |  |  |  |  |  | 30000<br>66150 | 31500<br>69458 | 32500<br>71663 |
| REAR UNLADEN              |                                       |  |  |  |  |  |  |  |  | 24000<br>52920 | 25200<br>55566 | 26000<br>57330 |

|                           |                                      |  |  |                |                |                |                |                |                |                |  |  |
|---------------------------|--------------------------------------|--|--|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--|--|
| Machine - Use ( kg - lbs) | <b>UNDERGROUND TRANSPORT MACHINE</b> |  |  |                |                |                |                |                |                |                |  |  |
| ALL AXLES                 |                                      |  |  | 20000<br>44100 | 21200<br>46746 | 23000<br>50715 | 24300<br>53582 | 25750<br>56779 | 27250<br>60086 | 29000<br>63945 |  |  |

#### BLOCK HANDLING (SEE DETAILS IN THE SECTION: HELP WITH THE USE OF EARTHMOVER TIRES)

| COMMERCIAL DESCRIPTION                            | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|---------------------------------------------------|-----------------|-----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XTXL E4 ****</b><br><b>35/65 R 33 Tubeless</b> | 970355<br>34351 |                             | 250<br>171                  | 907<br>35.7  | 2026<br>79.8 | 893<br>35.2   | 6063<br>238.7 | 60<br>75.6             |                         | 1546<br>408.5        | 28.00/3.5                                       |                                           |

|            |           |           |            |           |            |           |            |            |            |            |  |  |
|------------|-----------|-----------|------------|-----------|------------|-----------|------------|------------|------------|------------|--|--|
| <b>Bar</b> | <b>3</b>  | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>6.5</b> | <b>7</b>   | <b>7.5</b> | <b>8</b>   |  |  |
| <b>Psi</b> | <b>44</b> | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  | <b>87</b> | <b>94</b>  | <b>102</b> | <b>109</b> | <b>116</b> |  |  |

|                           |                                      |  |  |                |                |                |                |                |                |                |  |  |
|---------------------------|--------------------------------------|--|--|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--|--|
| Machine - Use ( kg - lbs) | <b>UNDERGROUND TRANSPORT MACHINE</b> |  |  |                |                |                |                |                |                |                |  |  |
| ALL AXLES                 |                                      |  |  | 20000<br>44100 | 21200<br>46746 | 23000<br>50715 | 24300<br>53582 | 25750<br>56779 | 27250<br>60086 | 29000<br>63945 |  |  |

| COMMERCIAL DESCRIPTION                                             | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|--------------------------------------------------------------------|-----------------|-----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XTXL S E4 ****</b><br><b>35/65 R 33 Tubeless <sup>(9)</sup></b> | 771025<br>91242 |                             | 320<br>219                  | 907<br>35.7  | 2026<br>79.8 | 893<br>35.2   | 6063<br>238.7 | 60<br>75.6             |                         | 1546<br>408.5        | 28.00/3.5                                       |                                           |

|            |           |           |            |           |            |           |            |            |            |            |  |  |
|------------|-----------|-----------|------------|-----------|------------|-----------|------------|------------|------------|------------|--|--|
| <b>Bar</b> | <b>3</b>  | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>6.5</b> | <b>7</b>   | <b>7.5</b> | <b>8</b>   |  |  |
| <b>Psi</b> | <b>44</b> | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  | <b>87</b> | <b>94</b>  | <b>102</b> | <b>109</b> | <b>116</b> |  |  |

|                           |                                      |  |  |                |                |                |                |                |                |                |  |  |
|---------------------------|--------------------------------------|--|--|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--|--|
| Machine - Use ( kg - lbs) | <b>UNDERGROUND TRANSPORT MACHINE</b> |  |  |                |                |                |                |                |                |                |  |  |
| ALL AXLES                 |                                      |  |  | 20000<br>44100 | 21200<br>46746 | 23000<br>50715 | 24300<br>53582 | 25750<br>56779 | 27250<br>60086 | 29000<br>63945 |  |  |

### TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI

35"

| COMMERCIAL DESCRIPTION              | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch   | D<br>mm inch   | R'<br>mm inch  | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|-------------------------------------|-----------------|-----------------------------|-----------------------------|----------------|----------------|----------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| XDT B E4T **<br>21.00 R 35 Tubeless | 123881<br>40692 | 30<br>18.6                  | 348<br>238                  | 576<br>22.7    | 2062<br>81.2   | 937<br>36.9    | 6242<br>245.7 | 61<br>76.9             |                         | 900<br>237.8         | 15.00/3.0IN                                     | 15.00/3.0<br>17.00/3.0                    |
| Bar                                 | 4.5             | 5                           | 5.5                         | 6              | 6.5            | 7              |               |                        |                         |                      |                                                 |                                           |
| Psi                                 | 65              | 73                          | 80                          | 87             | 94             | 102            |               |                        |                         |                      |                                                 |                                           |
| Machine - Use ( kg - lbs)           | TRANSPORT       |                             |                             |                |                |                |               |                        |                         |                      |                                                 |                                           |
| STANDARD                            | 11450<br>25247  | 12450<br>27452              | 13500<br>29768              | 14500<br>31973 | 15000<br>33075 | 15500<br>34178 |               |                        |                         |                      |                                                 |                                           |

| COMMERCIAL DESCRIPTION               | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch   | D<br>mm inch   | R'<br>mm inch  | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|--------------------------------------|-----------------|-----------------------------|-----------------------------|----------------|----------------|----------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| XDT A4 E4T **<br>21.00 R 35 Tubeless | 123921<br>94773 | 18<br>11.2                  | 209<br>143                  | 576<br>22.7    | 2062<br>81.2   | 937<br>36.9    | 6242<br>245.7 | 61<br>76.9             |                         | 900<br>237.8         | 15.00/3.0IN                                     | 15.00/3.0<br>17.00/3.0                    |
| Bar                                  | 4.5             | 5                           | 5.5                         | 6              | 6.5            | 7              |               |                        |                         |                      |                                                 |                                           |
| Psi                                  | 65              | 73                          | 80                          | 87             | 94             | 102            |               |                        |                         |                      |                                                 |                                           |
| Machine - Use ( kg - lbs)            | TRANSPORT       |                             |                             |                |                |                |               |                        |                         |                      |                                                 |                                           |
| STANDARD                             | 11450<br>25247  | 12450<br>27452              | 13500<br>29768              | 14500<br>31973 | 15000<br>33075 | 15500<br>34178 |               |                        |                         |                      |                                                 |                                           |

| COMMERCIAL DESCRIPTION                   | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch   | D<br>mm inch   | R'<br>mm inch  | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|------------------------------------------|-----------------|-----------------------------|-----------------------------|----------------|----------------|----------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| X-QUARRY S E4R **<br>21.00 R 35 Tubeless | 765959<br>79316 | 19<br>11.8                  | 220<br>151                  | 599<br>23.6    | 2068<br>81.4   | 934<br>36.8    | 6245<br>245.9 | 67<br>84.4             | 703<br>27.7             | 952<br>251.5         | 15.00/3.0IN                                     | 15.00/3.0<br>17.00/3.0                    |
| Bar                                      | 4.5             | 5                           | 5.5                         | 6              | 6.5            | 7              |               |                        |                         |                      |                                                 |                                           |
| Psi                                      | 65              | 73                          | 80                          | 87             | 94             | 102            |               |                        |                         |                      |                                                 |                                           |
| Machine - Use ( kg - lbs)                | TRANSPORT       |                             |                             |                |                |                |               |                        |                         |                      |                                                 |                                           |
| STANDARD                                 | 11450<br>25247  | 12450<br>27452              | 13500<br>29768              | 14500<br>31973 | 15000<br>33075 | 15500<br>34178 |               |                        |                         |                      |                                                 |                                           |

| COMMERCIAL DESCRIPTION              | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch   | D<br>mm inch   | R'<br>mm inch  | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|-------------------------------------|-----------------|-----------------------------|-----------------------------|----------------|----------------|----------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| XDT B E4T **<br>24.00 R 35 Tubeless | 123931<br>88632 | 30<br>18.6                  | 444<br>304                  | 652<br>25.7    | 2162<br>85.1   | 978<br>38.5    | 6533<br>257.2  | 68<br>85.7             | 825<br>32.5             | 1150<br>303.8        | 17.00/3.5                                       | 15.00/3.5                                 |
| Bar                                 | 4.5             | 5                           | 5.5                         | 6              | 6.5            | 7              | 7.5            | 8                      |                         |                      |                                                 |                                           |
| Psi                                 | 65              | 73                          | 80                          | 87             | 94             | 102            | 109            | 116                    |                         |                      |                                                 |                                           |
| Machine - Use ( kg - lbs)           | TRANSPORT       |                             |                             |                |                |                |                |                        |                         |                      |                                                 |                                           |
| STANDARD                            | 13950<br>30760  | 15050<br>33185              | 16300<br>35942              | 17350<br>38257 | 18500<br>40793 | 19050<br>42005 | 19625<br>43273 | 20200<br>44541         |                         |                      |                                                 |                                           |

| COMMERCIAL DESCRIPTION              | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch   | D<br>mm inch   | R'<br>mm inch  | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|-------------------------------------|-----------------|-----------------------------|-----------------------------|----------------|----------------|----------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| XDT A E4T **<br>24.00 R 35 Tubeless | 123941<br>51059 | 22<br>13.7                  | 326<br>223                  | 652<br>25.7    | 2162<br>85.1   | 978<br>38.5    | 6533<br>257.2  | 68<br>85.7             | 825<br>32.5             | 1150<br>303.8        | 17.00/3.5                                       | 15.00/3.5                                 |
| Bar                                 | 4.5             | 5                           | 5.5                         | 6              | 6.5            | 7              | 7.5            | 8                      |                         |                      |                                                 |                                           |
| Psi                                 | 65              | 73                          | 80                          | 87             | 94             | 102            | 109            | 116                    |                         |                      |                                                 |                                           |
| Machine - Use ( kg - lbs)           | TRANSPORT       |                             |                             |                |                |                |                |                        |                         |                      |                                                 |                                           |
| STANDARD                            | 13950<br>30760  | 15050<br>33185              | 16300<br>35942              | 17350<br>38257 | 18500<br>40793 | 19050<br>42005 | 19625<br>43273 | 20200<br>44541         |                         |                      |                                                 |                                           |

| COMMERCIAL DESCRIPTION               | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch   | D<br>mm inch   | R'<br>mm inch  | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|--------------------------------------|-----------------|----------------------------|-----------------------------|----------------|----------------|----------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| XDT A4 E4T **<br>24.00 R 35 Tubeless | 123951<br>65909 | 18<br>11.2                 | 266<br>182                  | 652<br>25.7    | 2162<br>85.1   | 978<br>38.5    | 6533<br>257.2  | 68<br>85.7             | 825<br>32.5             | 1150<br>303.8        | 17.00/3.5                                       | 15.00/3.5                                 |
| Bar                                  | 4.5             | 5                          | 5.5                         | 6              | 6.5            | 7              | 7.5            | 8                      |                         |                      |                                                 |                                           |
| Psi                                  | 65              | 73                         | 80                          | 87             | 94             | 102            | 109            | 116                    |                         |                      |                                                 |                                           |
| Machine - Use ( kg - lbs)            | TRANSPORT       |                            |                             |                |                |                |                |                        |                         |                      |                                                 |                                           |
| STANDARD                             | 13950<br>30760  | 15050<br>33185             | 16300<br>35942              | 17350<br>38257 | 18500<br>40793 | 19050<br>42005 | 19625<br>43273 | 20200<br>44541         |                         |                      |                                                 |                                           |

### TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI

| COMMERCIAL DESCRIPTION                      | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|---------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>X-HAUL E4P **</b><br>24.00 R 35 Tubeless | 087693<br>89581 | 24<br>14.9                 | 355<br>243                  | 645<br>25.4  | 2155<br>84.8 | 995<br>39.2   | 6562<br>258.3 | 60<br>75.6             | 825<br>32.5             | 1150<br>303.8        | 17.00/3.5                                       | 15.00/3.5                                 |

| Bar                       | 4.5            | 5              | 5.5            | 6              | 6.5            | 7              | 7.5            | 8              |
|---------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Psi                       | 65             | 73             | 80             | 87             | 94             | 102            | 109            | 116            |
| Machine - Use ( kg - lbs) | TRANSPORT      |                |                |                |                |                |                |                |
| STANDARD                  | 13950<br>30760 | 15050<br>33185 | 16300<br>35942 | 17350<br>38257 | 18500<br>40793 | 19050<br>42005 | 19625<br>43273 | 20200<br>44541 |

| COMMERCIAL DESCRIPTION                          | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|-------------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>X-QUARRY S E4R **</b><br>24.00 R 35 Tubeless | 412539<br>93536 | 19<br>11.8                 | 281<br>192                  | 659<br>25.9  | 2156<br>84.9 | 976<br>38.4   | 6517<br>256.6 | 70<br>88.2             |                         | 1157<br>305.7        | 17.00/3.5                                       | 15.00/3.5                                 |

| Bar                       | 4.5            | 5              | 5.5            | 6              | 6.5            | 7              | 7.5            | 8              |
|---------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Psi                       | 65             | 73             | 80             | 87             | 94             | 102            | 109            | 116            |
| Machine - Use ( kg - lbs) | TRANSPORT      |                |                |                |                |                |                |                |
| STANDARD                  | 13950<br>30760 | 15050<br>33185 | 16300<br>35942 | 17350<br>38257 | 18500<br>40793 | 19050<br>42005 | 19625<br>43273 | 20200<br>44541 |

| COMMERCIAL DESCRIPTION                                | CAI MSPN        | Max. dist./hour<br>km mile                                                              | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|-------------------------------------------------------|-----------------|-----------------------------------------------------------------------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XTRA LOAD GRIP B E4</b><br>24.00 R 35 Tubeless *** | 302244<br>86007 | 34<br>21.1<br>if load per<br>tire <=18.5 t<br>31<br>19.3<br>if load per<br>tire >18.5 t | 503<br>345                  | 666<br>26.2  | 2163<br>85.2 | 976<br>38.4   | 6531<br>257.1 | 73<br>92               | 795<br>31.3             | 1169<br>308.8        | 17.00/3.5                                       | 15.00/3.5                                 |

| Bar                       | 4.5                               | 5              | 5.5            | 6              | 6.5            | 7              | 7.25           | 7.5            | 7.75           | 8              |
|---------------------------|-----------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Psi                       | 65                                | 73             | 80             | 87             | 94             | 102            | 105            | 109            | 112            | 116            |
| Machine - Use ( kg - lbs) | TRANSPORT LOAD PER TIRE <= 18.5 T |                |                |                |                |                |                |                |                |                |
| STANDARD                  | 13950<br>30760                    | 15050<br>33185 | 16300<br>35942 | 17350<br>38257 | 18500<br>40793 |                |                |                |                |                |
| Machine - Use ( kg - lbs) | TRANSPORT LOAD PER TIRE > 18.5 T  |                |                |                |                |                |                |                |                |                |
| STANDARD                  |                                   |                |                |                |                | 19500<br>42998 | 20000<br>44100 | 20500<br>45203 | 21000<br>46305 | 21500<br>47408 |

| COMMERCIAL DESCRIPTION                                 | CAI MSPN        | Max. dist./hour<br>km mile                                                              | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|--------------------------------------------------------|-----------------|-----------------------------------------------------------------------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XTRA LOAD GRIP A4 E4</b><br>24.00 R 35 Tubeless *** | 559900<br>77075 | 22<br>13.7<br>if load per<br>tire <=18.5 t<br>20<br>12.4<br>if load per<br>tire >18.5 t | 320<br>219                  | 666<br>26.2  | 2163<br>85.2 | 976<br>38.4   | 6531<br>257.1 | 73<br>92               | 795<br>31.3             | 1169<br>308.8        | 17.00/3.5                                       | 15.00/3.5                                 |

| Bar                       | 4.5                               | 5              | 5.5            | 6              | 6.5            | 7              | 7.25           | 7.5            | 7.75           | 8              |
|---------------------------|-----------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Psi                       | 65                                | 73             | 80             | 87             | 94             | 102            | 105            | 109            | 112            | 116            |
| Machine - Use ( kg - lbs) | TRANSPORT LOAD PER TIRE <= 18.5 T |                |                |                |                |                |                |                |                |                |
| STANDARD                  | 13950<br>30760                    | 15050<br>33185 | 16300<br>35942 | 17350<br>38257 | 18500<br>40793 |                |                |                |                |                |
| Machine - Use ( kg - lbs) | TRANSPORT LOAD PER TIRE > 18.5 T  |                |                |                |                |                |                |                |                |                |
| STANDARD                  |                                   |                |                |                |                | 19500<br>42998 | 20000<br>44100 | 20500<br>45203 | 21000<br>46305 | 21500<br>47408 |



### TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI

| COMMERCIAL DESCRIPTION                                          | CAI MSPN        | Max. dist./hour<br>km mile                 | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|-----------------------------------------------------------------|-----------------|--------------------------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XTRA LOAD PROTECT B E4</b><br><b>24.00 R 35 Tubeless ***</b> | 488798<br>67386 | 34<br>21.1<br>if load per<br>tire <=18.5 t | 503<br>345                  | 670<br>26.4  | 2162<br>85.1 | 978<br>38.5   | 6533<br>257.2 | 70<br>88.2             | 795<br>31.3             | 1169<br>308.8        | 17.00/3.5                                       | 15.00/3.5                                 |
|                                                                 |                 | 31<br>19.3<br>if load per<br>tire >18.5 t  |                             |              |              |               |               |                        |                         |                      |                                                 |                                           |
|                                                                 |                 |                                            |                             |              |              |               |               |                        |                         |                      |                                                 |                                           |

|     |     |    |     |    |     |     |      |     |      |     |
|-----|-----|----|-----|----|-----|-----|------|-----|------|-----|
| Bar | 4.5 | 5  | 5.5 | 6  | 6.5 | 7   | 7.25 | 7.5 | 7.75 | 8   |
| Psi | 65  | 73 | 80  | 87 | 94  | 102 | 105  | 109 | 112  | 116 |

|                           |                                   |  |  |  |  |  |  |  |  |  |  |
|---------------------------|-----------------------------------|--|--|--|--|--|--|--|--|--|--|
| Machine - Use ( kg - lbs) | TRANSPORT LOAD PER TIRE <= 18.5 T |  |  |  |  |  |  |  |  |  |  |
|---------------------------|-----------------------------------|--|--|--|--|--|--|--|--|--|--|

|          |                |                |                |                |                |  |  |  |  |  |  |
|----------|----------------|----------------|----------------|----------------|----------------|--|--|--|--|--|--|
| STANDARD | 13950<br>30760 | 15050<br>33185 | 16300<br>35942 | 17350<br>38257 | 18500<br>40793 |  |  |  |  |  |  |
|----------|----------------|----------------|----------------|----------------|----------------|--|--|--|--|--|--|

|                           |                                  |  |  |  |  |  |  |  |  |  |  |
|---------------------------|----------------------------------|--|--|--|--|--|--|--|--|--|--|
| Machine - Use ( kg - lbs) | TRANSPORT LOAD PER TIRE > 18.5 T |  |  |  |  |  |  |  |  |  |  |
|---------------------------|----------------------------------|--|--|--|--|--|--|--|--|--|--|

|          |  |  |  |  |  |                |                |                |                |                |
|----------|--|--|--|--|--|----------------|----------------|----------------|----------------|----------------|
| STANDARD |  |  |  |  |  | 19500<br>42998 | 20000<br>44100 | 20500<br>45203 | 21000<br>46305 | 21500<br>47408 |
|----------|--|--|--|--|--|----------------|----------------|----------------|----------------|----------------|

| COMMERCIAL DESCRIPTION                                           | CAI MSPN        | Max. dist./hour<br>km mile                 | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|------------------------------------------------------------------|-----------------|--------------------------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XTRA LOAD PROTECT A4 E4</b><br><b>24.00 R 35 Tubeless ***</b> | 388190<br>05723 | 22<br>13.7<br>if load per<br>tire <=18.5 t | 320<br>219                  | 670<br>26.4  | 2162<br>85.1 | 978<br>38.5   | 6533<br>257.2 | 70<br>88.2             | 795<br>31.3             | 1169<br>308.8        | 17.00/3.5                                       | 15.00/3.5                                 |
|                                                                  |                 | 20<br>12.4<br>if load per<br>tire >18.5 t  |                             |              |              |               |               |                        |                         |                      |                                                 |                                           |
|                                                                  |                 |                                            |                             |              |              |               |               |                        |                         |                      |                                                 |                                           |

|     |     |    |     |    |     |     |      |     |      |     |
|-----|-----|----|-----|----|-----|-----|------|-----|------|-----|
| Bar | 4.5 | 5  | 5.5 | 6  | 6.5 | 7   | 7.25 | 7.5 | 7.75 | 8   |
| Psi | 65  | 73 | 80  | 87 | 94  | 102 | 105  | 109 | 112  | 116 |

|                           |                                   |  |  |  |  |  |  |  |  |  |  |
|---------------------------|-----------------------------------|--|--|--|--|--|--|--|--|--|--|
| Machine - Use ( kg - lbs) | TRANSPORT LOAD PER TIRE <= 18.5 T |  |  |  |  |  |  |  |  |  |  |
|---------------------------|-----------------------------------|--|--|--|--|--|--|--|--|--|--|

|          |                |                |                |                |                |  |  |  |  |  |  |
|----------|----------------|----------------|----------------|----------------|----------------|--|--|--|--|--|--|
| STANDARD | 13950<br>30760 | 15050<br>33185 | 16300<br>35942 | 17350<br>38257 | 18500<br>40793 |  |  |  |  |  |  |
|----------|----------------|----------------|----------------|----------------|----------------|--|--|--|--|--|--|

|                           |                                  |  |  |  |  |  |  |  |  |  |  |
|---------------------------|----------------------------------|--|--|--|--|--|--|--|--|--|--|
| Machine - Use ( kg - lbs) | TRANSPORT LOAD PER TIRE > 18.5 T |  |  |  |  |  |  |  |  |  |  |
|---------------------------|----------------------------------|--|--|--|--|--|--|--|--|--|--|

|          |  |  |  |  |  |                |                |                |                |                |
|----------|--|--|--|--|--|----------------|----------------|----------------|----------------|----------------|
| STANDARD |  |  |  |  |  | 19500<br>42998 | 20000<br>44100 | 20500<br>45203 | 21000<br>46305 | 21500<br>47408 |
|----------|--|--|--|--|--|----------------|----------------|----------------|----------------|----------------|

| COMMERCIAL DESCRIPTION                                    | CAI MSPN | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|-----------------------------------------------------------|----------|----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>X-TRACTION SC E4T **</b><br><b>24.00 R 35 Tubeless</b> | 622698   | 22                         | 326                         | 676          | 2187         | 982           | 6592          | 77                     | 825                     | 1223                 | 17.00/3.5                                       | 15.00/3.5                                 |
|                                                           | 29754    | 13.7                       | 223                         | 26.6         | 86.1         | 38.7          | 259.5         | 97                     | 32.5                    | 323.1                |                                                 |                                           |

|     |    |    |     |    |     |    |     |     |
|-----|----|----|-----|----|-----|----|-----|-----|
| Bar | 3  | 4  | 4.5 | 5  | 5.5 | 6  | 6.5 | 7   |
| Psi | 44 | 58 | 65  | 73 | 80  | 87 | 94  | 102 |

|                           |           |  |  |  |  |  |  |  |  |  |  |
|---------------------------|-----------|--|--|--|--|--|--|--|--|--|--|
| Machine - Use ( kg - lbs) | TRANSPORT |  |  |  |  |  |  |  |  |  |  |
|---------------------------|-----------|--|--|--|--|--|--|--|--|--|--|

|          |  |  |  |                |                |                |                |                |                |  |
|----------|--|--|--|----------------|----------------|----------------|----------------|----------------|----------------|--|
| STANDARD |  |  |  | 13950<br>30760 | 15050<br>33185 | 16300<br>35942 | 17350<br>38257 | 18500<br>40793 | 19050<br>42005 |  |
|----------|--|--|--|----------------|----------------|----------------|----------------|----------------|----------------|--|

| COMMERCIAL DESCRIPTION                                         | CAI MSPN | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|----------------------------------------------------------------|----------|----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XV C E2 **</b><br><b>24.00 R 35 Tubeless <sup>(9)</sup></b> | 271650   | 50                         | 740                         | 668          | 2118         | 947           | 6372          | 30                     | 825                     | 1264                 | 17.00/3.5                                       | 15.00/3.5                                 |
|                                                                | 10223    | 31.1                       | 507                         | 26.3         | 83.4         | 37.3          | 250.9         | 37.8                   | 32.5                    | 333.9                |                                                 |                                           |

|     |     |    |     |    |     |     |     |     |
|-----|-----|----|-----|----|-----|-----|-----|-----|
| Bar | 4.5 | 5  | 5.5 | 6  | 6.5 | 7   | 7.5 | 8   |
| Psi | 65  | 73 | 80  | 87 | 94  | 102 | 109 | 116 |

|                           |           |  |  |  |  |  |  |  |  |  |  |
|---------------------------|-----------|--|--|--|--|--|--|--|--|--|--|
| Machine - Use ( kg - lbs) | TRANSPORT |  |  |  |  |  |  |  |  |  |  |
|---------------------------|-----------|--|--|--|--|--|--|--|--|--|--|

|          |                |                |                |                |                |                |                |                |  |  |
|----------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--|--|
| STANDARD | 13950<br>30760 | 15050<br>33185 | 16300<br>35942 | 17350<br>38257 | 18500<br>40793 | 19050<br>42005 | 19625<br>43273 | 20200<br>44541 |  |  |
|----------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--|--|

### TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI

| COMMERCIAL DESCRIPTION                     | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch   | D<br>mm inch   | R'<br>mm inch  | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|--------------------------------------------|-----------------|-----------------------------|-----------------------------|----------------|----------------|----------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XTS E3T **</b><br>29.5 R 35 Tubeless    | 631225<br>64173 | 29<br>18                    | 371<br>254                  | 777<br>30.6    | 2116<br>83.3   | 943<br>37.1    | 6539<br>257.4  | 45<br>56.7             |                         | 1494<br>394.7        | 25.00/3.5                                       | 27.00/3.5                                 |
| <b>Bar</b>                                 | 3.5             | 3.75                        |                             | 4              | 4.25           | 4.5            |                | 5                      | 5.5                     |                      |                                                 |                                           |
| <b>Psi</b>                                 | 51              | 54                          |                             | 58             | 62             | 65             |                | 73                     | 80                      |                      |                                                 |                                           |
| <b>Machine - Use ( kg - lbs) TRANSPORT</b> |                 |                             |                             |                |                |                |                |                        |                         |                      |                                                 |                                           |
| <b>STANDARD</b>                            | 13200<br>29106  | 13900<br>30650              | 14600<br>32193              | 15300<br>33737 | 16000<br>35280 | 17400<br>38367 | 18100<br>39911 |                        |                         |                      |                                                 |                                           |

| COMMERCIAL DESCRIPTION                     | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch   | D<br>mm inch   | R'<br>mm inch  | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|--------------------------------------------|-----------------|-----------------------------|-----------------------------|----------------|----------------|----------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XRS B E4R **</b><br>37.25 R 35 Tubeless | 123673<br>75762 | 22<br>13.7                  | 415<br>284                  | 947<br>37.3    | 2364<br>93.1   | 1063<br>41.9   | 7127<br>280.6  | 53<br>66.8             |                         | 2250<br>594.4        | 31.00/4.0                                       | 29.00/3.5                                 |
| <b>Bar</b>                                 | 3.75            | 4                           |                             | 4.25           | 4.5            | 5              |                | 5.5                    | 6                       | 6.5                  |                                                 |                                           |
| <b>Psi</b>                                 | 54              | 58                          |                             | 62             | 65             | 73             |                | 80                     | 87                      | 94                   |                                                 |                                           |
| <b>Machine - Use ( kg - lbs) TRANSPORT</b> |                 |                             |                             |                |                |                |                |                        |                         |                      |                                                 |                                           |
| <b>STANDARD</b>                            | 17950<br>39580  | 18500<br>40793              | 19350<br>42667              | 20200<br>44541 | 21900<br>48290 | 23600<br>52038 | 24450<br>53912 | 25300<br>55787         |                         |                      |                                                 |                                           |

| COMMERCIAL DESCRIPTION                     | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch   | D<br>mm inch   | R'<br>mm inch  | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|--------------------------------------------|-----------------|-----------------------------|-----------------------------|----------------|----------------|----------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XTS E3T **</b><br>37.25 R 35 Tubeless   | 540244<br>54190 | 29<br>18                    | 540<br>370                  | 956<br>37.6    | 2370<br>93.3   | 1070<br>42.1   | 7157<br>281.8  | 59<br>74.3             |                         | 2400<br>634.1        | 31.00/4.0                                       | 29.00/3.5                                 |
| <b>Bar</b>                                 | 3.75            | 4                           |                             | 4.25           | 4.5            | 5              |                | 5.5                    | 6                       | 6.5                  |                                                 |                                           |
| <b>Psi</b>                                 | 54              | 58                          |                             | 62             | 65             | 73             |                | 80                     | 87                      | 94                   |                                                 |                                           |
| <b>Machine - Use ( kg - lbs) TRANSPORT</b> |                 |                             |                             |                |                |                |                |                        |                         |                      |                                                 |                                           |
| <b>STANDARD</b>                            | 17950<br>39580  | 18500<br>40793              | 19350<br>42667              | 20200<br>44541 | 21900<br>48290 | 23600<br>52038 | 24450<br>53912 | 25300<br>55787         |                         |                      |                                                 |                                           |

### 39"

| COMMERCIAL DESCRIPTION                     | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch   | D<br>mm inch   | R'<br>mm inch  | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|--------------------------------------------|-----------------|-----------------------------|-----------------------------|----------------|----------------|----------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XRS E4R **</b><br>37.5 R 39 Tubeless    | 856011<br>45909 | 22<br>13.7                  | 453<br>310                  | 976<br>38.4    | 2517<br>99.1   | 1129<br>44.4   | 7583<br>298.5  | 56<br>70.6             |                         | 2624<br>693.3        | 32.00/4.5                                       |                                           |
| <b>Bar</b>                                 | 3               | 3.5                         |                             | 4              | 4.25           | 4.5            |                | 5                      | 5.5                     | 6                    |                                                 |                                           |
| <b>Psi</b>                                 | 44              | 51                          |                             | 58             | 62             | 65             |                | 73                     | 80                      | 87                   |                                                 |                                           |
| <b>Machine - Use ( kg - lbs) TRANSPORT</b> |                 |                             |                             |                |                |                |                |                        |                         |                      |                                                 |                                           |
| <b>STANDARD</b>                            | 18100<br>39911  | 20000<br>44100              | 21900<br>48290              | 22900<br>50495 | 23850<br>52589 | 25750<br>56779 | 26700<br>58874 | 27650<br>60968         |                         |                      |                                                 |                                           |

| COMMERCIAL DESCRIPTION                       | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch   | D<br>mm inch   | R'<br>mm inch  | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|----------------------------------------------|-----------------|-----------------------------|-----------------------------|----------------|----------------|----------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XMS B E3R **</b><br>40.5/75 R 39 Tubeless | 379296<br>93211 | 33<br>20.5                  | 766<br>525                  | 998<br>39.3    | 2588<br>101.9  | 1151<br>45.3   | 7770<br>305.9  | 51<br>64.3             |                         | 2940<br>776.7        | 32.00/4.5                                       |                                           |
| <b>Bar</b>                                   | 3               | 3.5                         |                             | 4              | 4.25           | 4.5            |                | 5                      | 5.5                     | 6                    |                                                 |                                           |
| <b>Psi</b>                                   | 44              | 51                          |                             | 58             | 62             | 65             |                | 73                     | 80                      | 87                   |                                                 |                                           |
| <b>Machine - Use ( kg - lbs) TRANSPORT</b>   |                 |                             |                             |                |                |                |                |                        |                         |                      |                                                 |                                           |
| <b>STANDARD</b>                              | 20200<br>44541  | 22400<br>49392              | 24600<br>54243              | 25700<br>56669 | 26800<br>59094 | 29000<br>63945 | 30100<br>66371 | 31200<br>68796         |                         |                      |                                                 |                                           |

### TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI

| COMMERCIAL DESCRIPTION                           | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch  | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|--------------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|---------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XLD D2 L5 ** 242A2</b><br>45/65 R 39 Tubeless | 519947<br>48376 | 10<br>6.2                  |                             | 1102<br>43.4 | 2580<br>101.6 | 1116<br>43.9  | 7668<br>301.9 | 115<br>144.9           |                         | 2760<br>729.2        | 36.00/4.5                                       | 32.00/4.5                                 |

|            |           |            |           |            |           |            |           |            |  |  |  |  |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|--|--|--|--|
| <b>Bar</b> | <b>3</b>  | <b>3.5</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>6.5</b> |  |  |  |  |
| <b>Psi</b> | <b>44</b> | <b>51</b>  | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  | <b>87</b> | <b>94</b>  |  |  |  |  |

|                           |                |                |                |                |                |                |                |                 |  |  |  |  |
|---------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>LOADER</b>  |                |                |                |                |                |                |                 |  |  |  |  |
| FRONT LADEN               | 26500<br>58433 | 30000<br>66150 | 33500<br>73868 | 36500<br>80483 | 40000<br>88200 | 42500<br>93713 | 45000<br>99225 | 47500<br>104738 |  |  |  |  |
| REAR UNLADEN              | 21200<br>46746 | 24000<br>52920 | 26800<br>59094 | 29200<br>64386 | 32000<br>70560 | 34000<br>74970 | 36000<br>79380 | 38000<br>83790  |  |  |  |  |

| COMMERCIAL DESCRIPTION                             | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch  | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|----------------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|---------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XMINE D2 L5 ** 242A2</b><br>45/65 R 39 Tubeless | 785703<br>01004 | 6<br>3.7                   |                             | 1099<br>43.3 | 2583<br>101.7 | 1132<br>44.6  | 7715<br>303.7 | 116<br>146.1           |                         | 2712<br>716.5        | 36.00/4.5                                       | 32.00/4.5                                 |

|            |           |            |           |            |           |            |           |            |  |  |  |  |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|--|--|--|--|
| <b>Bar</b> | <b>3</b>  | <b>3.5</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>6.5</b> |  |  |  |  |
| <b>Psi</b> | <b>44</b> | <b>51</b>  | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  | <b>87</b> | <b>94</b>  |  |  |  |  |

|                           |                |                |                |                |                |                |                |                 |  |  |  |  |
|---------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>LOADER</b>  |                |                |                |                |                |                |                 |  |  |  |  |
| FRONT LADEN               | 26500<br>58433 | 30000<br>66150 | 33500<br>73868 | 36500<br>80483 | 40000<br>88200 | 42500<br>93713 | 45000<br>99225 | 47500<br>104738 |  |  |  |  |
| REAR UNLADEN              | 21200<br>46746 | 24000<br>52920 | 26800<br>59094 | 29200<br>64386 | 32000<br>70560 | 34000<br>74970 | 36000<br>79380 | 38000<br>83790  |  |  |  |  |

45"

| COMMERCIAL DESCRIPTION                             | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch  | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|----------------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|---------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XMINE D2 L5 ** 244A2</b><br>45/65 R 45 Tubeless | 651716<br>00821 | 6<br>3.7                   |                             | 1159<br>45.6 | 2699<br>106.3 | 1193<br>47    | 8087<br>318.4 | 116<br>146.1           |                         | 3020<br>797.9        | 36.00/4.5                                       |                                           |

|            |           |            |           |            |           |            |  |  |  |  |  |  |
|------------|-----------|------------|-----------|------------|-----------|------------|--|--|--|--|--|--|
| <b>Bar</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>6.5</b> |  |  |  |  |  |  |
| <b>Psi</b> | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  | <b>87</b> | <b>94</b>  |  |  |  |  |  |  |

|                           |                |                |                |                |                 |                 |  |  |  |  |  |  |
|---------------------------|----------------|----------------|----------------|----------------|-----------------|-----------------|--|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>LOADER</b>  |                |                |                |                 |                 |  |  |  |  |  |  |
| FRONT LADEN               | 35500<br>78278 | 38750<br>85444 | 42500<br>93713 | 45000<br>99225 | 47500<br>104738 | 51500<br>113558 |  |  |  |  |  |  |
| REAR UNLADEN              | 28400<br>62622 | 31000<br>68355 | 34000<br>74970 | 36000<br>79380 | 38000<br>83790  | 41200<br>90846  |  |  |  |  |  |  |

| COMMERCIAL DESCRIPTION                           | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch  | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|--------------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|---------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XLD D1 L4 ** 244A2</b><br>45/65 R 45 Tubeless | 733149<br>78673 | 14<br>8.7                  |                             | 1130<br>44.5 | 2703<br>106.4 | 1180<br>46.5  | 8062<br>317.4 | 71<br>89.4             |                         | 3330<br>879.8        | 36.00/4.5                                       |                                           |

|            |           |            |           |            |           |            |  |  |  |  |  |  |
|------------|-----------|------------|-----------|------------|-----------|------------|--|--|--|--|--|--|
| <b>Bar</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>6.5</b> |  |  |  |  |  |  |
| <b>Psi</b> | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  | <b>87</b> | <b>94</b>  |  |  |  |  |  |  |

|                           |                |                |                |                |                 |                 |  |  |  |  |  |  |
|---------------------------|----------------|----------------|----------------|----------------|-----------------|-----------------|--|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>LOADER</b>  |                |                |                |                 |                 |  |  |  |  |  |  |
| FRONT LADEN               | 35500<br>78278 | 38750<br>85444 | 42500<br>93713 | 45000<br>99225 | 47500<br>104738 | 51500<br>113558 |  |  |  |  |  |  |
| REAR UNLADEN              | 28400<br>62622 | 31000<br>68355 | 34000<br>74970 | 36000<br>79380 | 38000<br>83790  | 41200<br>90846  |  |  |  |  |  |  |

| COMMERCIAL DESCRIPTION                           | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch  | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|--------------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|---------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XLD D2 L5 ** 244A2</b><br>45/65 R 45 Tubeless | 871341<br>79265 | 10<br>6.2                  |                             | 1147<br>45.2 | 2703<br>106.4 | 1180<br>46.5  | 8062<br>317.4 | 115<br>144.9           |                         | 3020<br>797.9        | 36.00/4.5                                       |                                           |

|            |           |            |           |            |           |            |  |  |  |  |  |  |
|------------|-----------|------------|-----------|------------|-----------|------------|--|--|--|--|--|--|
| <b>Bar</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>6.5</b> |  |  |  |  |  |  |
| <b>Psi</b> | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  | <b>87</b> | <b>94</b>  |  |  |  |  |  |  |

|                           |                |                |                |                |                 |                 |  |  |  |  |  |  |
|---------------------------|----------------|----------------|----------------|----------------|-----------------|-----------------|--|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>LOADER</b>  |                |                |                |                 |                 |  |  |  |  |  |  |
| FRONT LADEN               | 35500<br>78278 | 38750<br>85444 | 42500<br>93713 | 45000<br>99225 | 47500<br>104738 | 51500<br>113558 |  |  |  |  |  |  |
| REAR UNLADEN              | 28400<br>62622 | 31000<br>68355 | 34000<br>74970 | 36000<br>79380 | 38000<br>83790  | 41200<br>90846  |  |  |  |  |  |  |

### TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI

49"

| COMMERCIAL DESCRIPTION                            | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch   | D<br>mm inch   | R'<br>mm inch  | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|---------------------------------------------------|-----------------|-----------------------------|-----------------------------|----------------|----------------|----------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XDR B E4R **</b><br><b>24.00 R 49 Tubeless</b> | 123235<br>95269 | 26<br>16.2                  | 453<br>310                  | 662<br>26.1    | 2529<br>99.6   | 1147<br>45.2   | 7651<br>301.2  | 67<br>84.4             | 806<br>31.7             | 1466<br>387.3        | 17.00/3.5                                       |                                           |
| <b>Bar</b>                                        | <b>3.5</b>      | <b>4</b>                    | <b>4.5</b>                  | <b>5</b>       | <b>5.5</b>     | <b>6</b>       | <b>6.5</b>     | <b>7</b>               | <b>7.5</b>              | <b>8</b>             |                                                 |                                           |
| <b>Psi</b>                                        | <b>51</b>       | <b>58</b>                   | <b>65</b>                   | <b>73</b>      | <b>80</b>      | <b>87</b>      | <b>94</b>      | <b>102</b>             | <b>109</b>              | <b>116</b>           |                                                 |                                           |
| <b>Machine - Use ( kg - lbs) TRANSPORT</b>        |                 |                             |                             |                |                |                |                |                        |                         |                      |                                                 |                                           |
| <b>STANDARD</b>                                   | 13900<br>30650  | 15250<br>33626              | 16550<br>36493              | 17850<br>39359 | 19200<br>42336 | 20500<br>45203 | 21800<br>48069 | 22450<br>49502         | 23100<br>50936          | 23350<br>51487       |                                                 |                                           |

| COMMERCIAL DESCRIPTION                             | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch   | D<br>mm inch   | R'<br>mm inch  | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|----------------------------------------------------|-----------------|-----------------------------|-----------------------------|----------------|----------------|----------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XDR B4 E4R **</b><br><b>24.00 R 49 Tubeless</b> | 123115<br>64221 | 22<br>13.7                  | 384<br>263                  | 662<br>26.1    | 2529<br>99.6   | 1147<br>45.2   | 7651<br>301.2  | 67<br>84.4             | 806<br>31.7             | 1466<br>387.3        | 17.00/3.5                                       |                                           |
| <b>Bar</b>                                         | <b>3.5</b>      | <b>4</b>                    | <b>4.5</b>                  | <b>5</b>       | <b>5.5</b>     | <b>6</b>       | <b>6.5</b>     | <b>7</b>               | <b>7.5</b>              | <b>8</b>             |                                                 |                                           |
| <b>Psi</b>                                         | <b>51</b>       | <b>58</b>                   | <b>65</b>                   | <b>73</b>      | <b>80</b>      | <b>87</b>      | <b>94</b>      | <b>102</b>             | <b>109</b>              | <b>116</b>           |                                                 |                                           |
| <b>Machine - Use ( kg - lbs) TRANSPORT</b>         |                 |                             |                             |                |                |                |                |                        |                         |                      |                                                 |                                           |
| <b>STANDARD</b>                                    | 13900<br>30650  | 15250<br>33626              | 16550<br>36493              | 17850<br>39359 | 19200<br>42336 | 20500<br>45203 | 21800<br>48069 | 22450<br>49502         | 23100<br>50936          | 23350<br>51487       |                                                 |                                           |

| COMMERCIAL DESCRIPTION                                                 | CAI MSPN        | Max. dist./ hour<br>km mile                                                             | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch   | D<br>mm inch   | R'<br>mm inch  | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|------------------------------------------------------------------------|-----------------|-----------------------------------------------------------------------------------------|-----------------------------|----------------|----------------|----------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XD GRIP A4 E4T ***</b><br><b>27.00 R 49 Tubeless</b>                | 527661<br>07858 | 20<br>12.4<br>if load per<br>tire <=27.2 t<br>18<br>11.2<br>if load per<br>tire >27.2 t | 432<br>296                  | 733<br>28.9    | 2726<br>107.3  | 1235<br>48.6   | 8242<br>324.5  | 79<br>99.5             | 892<br>35.1             | 1970<br>520.5        | 19.50/4.0 [3.2]                                 | 19.50/4.0 [2.7]                           |
| <b>Bar</b>                                                             | <b>3.5</b>      | <b>4</b>                                                                                | <b>4.5</b>                  | <b>5</b>       | <b>5.5</b>     | <b>6</b>       | <b>6.5</b>     | <b>7</b>               | <b>7.5</b>              | <b>8</b>             |                                                 |                                           |
| <b>Psi</b>                                                             | <b>51</b>       | <b>58</b>                                                                               | <b>65</b>                   | <b>73</b>      | <b>80</b>      | <b>87</b>      | <b>94</b>      | <b>102</b>             | <b>109</b>              | <b>116</b>           |                                                 |                                           |
| <b>Machine - Use ( kg - lbs) TRANSPORT LOAD PER TIRE &lt;= 27.25 T</b> |                 |                                                                                         |                             |                |                |                |                |                        |                         |                      |                                                 |                                           |
| <b>STANDARD</b>                                                        | 16850<br>37154  | 18550<br>40903                                                                          | 20300<br>44762              | 22050<br>48620 | 24000<br>52920 | 25500<br>56228 | 27250<br>60086 |                        |                         |                      |                                                 |                                           |
| <b>Machine - Use ( kg - lbs) TRANSPORT LOAD PER TIRE &gt; 27.25 T</b>  |                 |                                                                                         |                             |                |                |                |                |                        |                         |                      |                                                 |                                           |
| <b>STANDARD</b>                                                        |                 |                                                                                         |                             |                |                |                |                |                        |                         | 29000<br>63945       | 30000<br>66150                                  | 32100<br>70781                            |

| COMMERCIAL DESCRIPTION                                                 | CAI MSPN        | Max. dist./ hour<br>km mile                                                             | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch   | D<br>mm inch   | R'<br>mm inch  | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|------------------------------------------------------------------------|-----------------|-----------------------------------------------------------------------------------------|-----------------------------|----------------|----------------|----------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XD GRIP B E4T ***</b><br><b>27.00 R 49 Tubeless</b>                 | 047262<br>38092 | 32<br>19.9<br>if load per<br>tire <=27.2 t<br>30<br>18.6<br>if load per<br>tire >27.2 t | 720<br>493                  | 733<br>28.9    | 2726<br>107.3  | 1235<br>48.6   | 8242<br>324.5  | 79<br>99.5             | 892<br>35.1             | 1970<br>520.5        | 19.50/4.0 [3.2]                                 | 19.50/4.0 [2.7]                           |
| <b>Bar</b>                                                             | <b>3.5</b>      | <b>4</b>                                                                                | <b>4.5</b>                  | <b>5</b>       | <b>5.5</b>     | <b>6</b>       | <b>6.5</b>     | <b>7</b>               | <b>7.5</b>              | <b>8</b>             |                                                 |                                           |
| <b>Psi</b>                                                             | <b>51</b>       | <b>58</b>                                                                               | <b>65</b>                   | <b>73</b>      | <b>80</b>      | <b>87</b>      | <b>94</b>      | <b>102</b>             | <b>109</b>              | <b>116</b>           |                                                 |                                           |
| <b>Machine - Use ( kg - lbs) TRANSPORT LOAD PER TIRE &lt;= 27.25 T</b> |                 |                                                                                         |                             |                |                |                |                |                        |                         |                      |                                                 |                                           |
| <b>STANDARD</b>                                                        | 16850<br>37154  | 18550<br>40903                                                                          | 20300<br>44762              | 22050<br>48620 | 24000<br>52920 | 25500<br>56228 | 27250<br>60086 |                        |                         |                      |                                                 |                                           |
| <b>Machine - Use ( kg - lbs) TRANSPORT LOAD PER TIRE &gt; 27.25 T</b>  |                 |                                                                                         |                             |                |                |                |                |                        |                         |                      |                                                 |                                           |
| <b>STANDARD</b>                                                        |                 |                                                                                         |                             |                |                |                |                |                        |                         | 29000<br>63945       | 30000<br>66150                                  | 32100<br>70781                            |

### TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI

| COMMERCIAL DESCRIPTION                                  | CAI MSPN        | Max. dist./ hour<br>km mile                                                             | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch  | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|---------------------------------------------------------|-----------------|-----------------------------------------------------------------------------------------|-----------------------------|--------------|---------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XD GRIP B4 E4T ***</b><br><b>27.00 R 49 Tubeless</b> | 349151<br>17563 | 28<br>17.4<br>if load per<br>tire <=27.2 t<br>26<br>16.2<br>if load per<br>tire >27.2 t | 624<br>427                  | 733<br>28.9  | 2726<br>107.3 | 1235<br>48.6  | 8242<br>324.5 | 79<br>99.5             | 892<br>35.1             | 1970<br>520.5        | 19.50/4.0 [3.2]                                 | 19.50/4.0 [2.7]                           |

|            |            |           |            |           |            |           |            |            |            |            |
|------------|------------|-----------|------------|-----------|------------|-----------|------------|------------|------------|------------|
| <b>Bar</b> | <b>3.5</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>6.5</b> | <b>7</b>   | <b>7.5</b> | <b>8</b>   |
| <b>Psi</b> | <b>51</b>  | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  | <b>87</b> | <b>94</b>  | <b>102</b> | <b>109</b> | <b>116</b> |

|                           |                                              |  |  |  |  |  |  |  |  |  |  |
|---------------------------|----------------------------------------------|--|--|--|--|--|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>TRANSPORT LOAD PER TIRE &lt;= 27.25 T</b> |  |  |  |  |  |  |  |  |  |  |
|---------------------------|----------------------------------------------|--|--|--|--|--|--|--|--|--|--|

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| <b>STANDARD</b> | 16850<br>37154 | 18550<br>40903 | 20300<br>44762 | 22050<br>48620 | 24000<br>52920 | 25500<br>56228 | 27250<br>60086 |  |  |  |  |
|-----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--|--|--|--|

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|---------------------------|---------------------------------------------|--|--|--|--|--|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>TRANSPORT LOAD PER TIRE &gt; 27.25 T</b> |  |  |  |  |  |  |  |  |  |  |
|---------------------------|---------------------------------------------|--|--|--|--|--|--|--|--|--|--|

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| <b>STANDARD</b> |  |  |  |  |  |  |  | 29000<br>63945 | 30000<br>66150 | 32100<br>70781 |
|-----------------|--|--|--|--|--|--|--|----------------|----------------|----------------|

| COMMERCIAL DESCRIPTION                                                  | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch  | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|-------------------------------------------------------------------------|-----------------|-----------------------------|-----------------------------|--------------|---------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XD MINEWORKS E4R **</b><br><b>27.00 R 49 Tubeless <sup>(9)</sup></b> | 716130<br>83794 | 25<br>15.5                  | 545<br>373                  | 735<br>28.9  | 2672<br>105.2 | 1206<br>47.5  | 8068<br>317.6 | 66<br>83.1             | 892<br>35.1             | 1969<br>520.2        | 19.50/4.0 [3.2]                                 | 19.50/4.0 [2.7]                           |

|            |            |           |            |           |            |           |            |            |            |            |
|------------|------------|-----------|------------|-----------|------------|-----------|------------|------------|------------|------------|
| <b>Bar</b> | <b>3.5</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>6.5</b> | <b>7</b>   | <b>7.5</b> | <b>8</b>   |
| <b>Psi</b> | <b>51</b>  | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  | <b>87</b> | <b>94</b>  | <b>102</b> | <b>109</b> | <b>116</b> |

|                           |                                              |  |  |  |  |  |  |  |  |  |  |
|---------------------------|----------------------------------------------|--|--|--|--|--|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>TRANSPORT LOAD PER TIRE &lt;= 27.25 T</b> |  |  |  |  |  |  |  |  |  |  |
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|-----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--|--|--|--|
| <b>STANDARD</b> | 16850<br>37154 | 18550<br>40903 | 20300<br>44762 | 22050<br>48620 | 24000<br>52920 | 25500<br>56228 | 27250<br>60086 |  |  |  |  |
|-----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--|--|--|--|

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|---------------------------|---------------------------------------------|--|--|--|--|--|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>TRANSPORT LOAD PER TIRE &gt; 27.25 T</b> |  |  |  |  |  |  |  |  |  |  |
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| <b>STANDARD</b> |  |  |  |  |  |  |  | 29000<br>63945 | 30000<br>66150 | 32100<br>70781 |
|-----------------|--|--|--|--|--|--|--|----------------|----------------|----------------|

| COMMERCIAL DESCRIPTION                              | CAI MSPN        | Max. dist./ hour<br>km mile                                                             | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch  | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|-----------------------------------------------------|-----------------|-----------------------------------------------------------------------------------------|-----------------------------|--------------|---------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XDR3 B E4R ***</b><br><b>27.00 R 49 Tubeless</b> | 764857<br>22060 | 28<br>17.4<br>if load per<br>tire <=27.2 t<br>26<br>16.2<br>if load per<br>tire >27.2 t | 624<br>427                  | 730<br>28.7  | 2730<br>107.5 | 1236<br>48.7  | 8252<br>324.9 | 90<br>113.4            | 892<br>35.1             | 1970<br>520.5        | 19.50/4.0 [3.2]                                 | 19.50/4.0 [2.7]                           |

|            |            |           |            |           |            |           |            |            |            |            |
|------------|------------|-----------|------------|-----------|------------|-----------|------------|------------|------------|------------|
| <b>Bar</b> | <b>3.5</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>6.5</b> | <b>7</b>   | <b>7.5</b> | <b>8</b>   |
| <b>Psi</b> | <b>51</b>  | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  | <b>87</b> | <b>94</b>  | <b>102</b> | <b>109</b> | <b>116</b> |

|                           |                                              |  |  |  |  |  |  |  |  |  |  |
|---------------------------|----------------------------------------------|--|--|--|--|--|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>TRANSPORT LOAD PER TIRE &lt;= 27.25 T</b> |  |  |  |  |  |  |  |  |  |  |
|---------------------------|----------------------------------------------|--|--|--|--|--|--|--|--|--|--|

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|-----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--|--|--|--|
| <b>STANDARD</b> | 16850<br>37154 | 18550<br>40903 | 20300<br>44762 | 22050<br>48620 | 24000<br>52920 | 25500<br>56228 | 27250<br>60086 |  |  |  |  |
|-----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--|--|--|--|

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|---------------------------|---------------------------------------------|--|--|--|--|--|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>TRANSPORT LOAD PER TIRE &gt; 27.25 T</b> |  |  |  |  |  |  |  |  |  |  |
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| <b>STANDARD</b> |  |  |  |  |  |  |  | 29000<br>63945 | 30000<br>66150 | 32100<br>70781 |
|-----------------|--|--|--|--|--|--|--|----------------|----------------|----------------|



### TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI

| COMMERCIAL DESCRIPTION                               | CAI MSPN        | Max. dist./hour<br>km mile                                                              | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch  | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|------------------------------------------------------|-----------------|-----------------------------------------------------------------------------------------|-----------------------------|--------------|---------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XDR3 B4 E4R ***</b><br><b>27.00 R 49 Tubeless</b> | 395114<br>24794 | 24<br>14.9<br>if load per<br>tire <=27.2 t<br>22<br>13.7<br>if load per<br>tire >27.2 t | 528<br>362                  | 730<br>28.7  | 2730<br>107.5 | 1236<br>48.7  | 8252<br>324.9 | 90<br>113.4            | 892<br>35.1             | 1970<br>520.5        | 19.50/4.0 [3.2]                                 | 19.50/4.0 [2.7]                           |

|            |            |           |            |           |            |           |            |            |            |            |
|------------|------------|-----------|------------|-----------|------------|-----------|------------|------------|------------|------------|
| <b>Bar</b> | <b>3.5</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>6.5</b> | <b>7</b>   | <b>7.5</b> | <b>8</b>   |
| <b>Psi</b> | <b>51</b>  | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  | <b>87</b> | <b>94</b>  | <b>102</b> | <b>109</b> | <b>116</b> |

|                           |                                              |  |  |  |  |  |  |  |  |  |  |
|---------------------------|----------------------------------------------|--|--|--|--|--|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>TRANSPORT LOAD PER TIRE &lt;= 27.25 T</b> |  |  |  |  |  |  |  |  |  |  |
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| <b>STANDARD</b> | 16850<br>37154 | 18550<br>40903 | 20300<br>44762 | 22050<br>48620 | 24000<br>52920 | 25500<br>56228 | 27250<br>60086 |  |  |  |  |
|-----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--|--|--|--|

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|---------------------------|---------------------------------------------|--|--|--|--|--|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>TRANSPORT LOAD PER TIRE &gt; 27.25 T</b> |  |  |  |  |  |  |  |  |  |  |
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|-----------------|--|--|--|--|--|--|--|----------------|----------------|----------------|
| <b>STANDARD</b> |  |  |  |  |  |  |  | 29000<br>63945 | 30000<br>66150 | 32100<br>70781 |
|-----------------|--|--|--|--|--|--|--|----------------|----------------|----------------|

| COMMERCIAL DESCRIPTION                              | CAI MSPN | Max. dist./hour<br>km mile                                                              | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch  | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|-----------------------------------------------------|----------|-----------------------------------------------------------------------------------------|-----------------------------|--------------|---------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XDR3 A E4R ***</b><br><b>27.00 R 49 Tubeless</b> | 667421   | 20<br>12.4<br>if load per<br>tire <=27.2 t<br>18<br>11.2<br>if load per<br>tire >27.2 t | 432<br>296                  | 730<br>28.7  | 2730<br>107.5 | 1236<br>48.7  | 8252<br>324.9 | 90<br>113.4            | 892<br>35.1             | 1970<br>520.5        | 19.50/4.0 [3.2]                                 | 19.50/4.0 [2.7]                           |

|            |            |           |            |           |            |           |            |            |            |            |
|------------|------------|-----------|------------|-----------|------------|-----------|------------|------------|------------|------------|
| <b>Bar</b> | <b>3.5</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>6.5</b> | <b>7</b>   | <b>7.5</b> | <b>8</b>   |
| <b>Psi</b> | <b>51</b>  | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  | <b>87</b> | <b>94</b>  | <b>102</b> | <b>109</b> | <b>116</b> |

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|---------------------------|----------------------------------------------|--|--|--|--|--|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>TRANSPORT LOAD PER TIRE &lt;= 27.25 T</b> |  |  |  |  |  |  |  |  |  |  |
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|-----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--|--|--|--|
| <b>STANDARD</b> | 16850<br>37154 | 18550<br>40903 | 20300<br>44762 | 22050<br>48620 | 24000<br>52920 | 25500<br>56228 | 27250<br>60086 |  |  |  |  |
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|---------------------------|---------------------------------------------|--|--|--|--|--|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>TRANSPORT LOAD PER TIRE &gt; 27.25 T</b> |  |  |  |  |  |  |  |  |  |  |
|---------------------------|---------------------------------------------|--|--|--|--|--|--|--|--|--|--|

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|-----------------|--|--|--|--|--|--|--|----------------|----------------|----------------|
| <b>STANDARD</b> |  |  |  |  |  |  |  | 29000<br>63945 | 30000<br>66150 | 32100<br>70781 |
|-----------------|--|--|--|--|--|--|--|----------------|----------------|----------------|

| COMMERCIAL DESCRIPTION                                      | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch  | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|-------------------------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|---------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>X-TRACTION RD B E4T **</b><br><b>27.00 R 49 Tubeless</b> | 470320<br>10116 | 30<br>18.6                 | 654<br>448                  | 743<br>29.3  | 2737<br>107.8 | 1234<br>48.6  | 8262<br>325.3 | 81<br>102              | 892<br>35.1             | 2045<br>540.3        | 19.50/4.0 [3.2]                                 | 19.50/4.0 [2.7]<br>22.00/4.0              |

|            |            |           |            |           |            |           |            |            |            |            |
|------------|------------|-----------|------------|-----------|------------|-----------|------------|------------|------------|------------|
| <b>Bar</b> | <b>3.5</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>6.5</b> | <b>7</b>   | <b>7.5</b> | <b>8</b>   |
| <b>Psi</b> | <b>51</b>  | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  | <b>87</b> | <b>94</b>  | <b>102</b> | <b>109</b> | <b>116</b> |

|                           |                  |  |  |  |  |  |  |  |  |  |  |
|---------------------------|------------------|--|--|--|--|--|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>TRANSPORT</b> |  |  |  |  |  |  |  |  |  |  |
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| <b>STANDARD</b> | 16850<br>37154 | 18550<br>40903 | 20300<br>44762 | 22050<br>48620 | 24000<br>52920 | 25500<br>56228 | 27250<br>60086 | 28100<br>61961 | 29000<br>63945 | 29850<br>65819 |
|-----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|

| COMMERCIAL DESCRIPTION                                       | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch  | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|--------------------------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|---------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>X-TRACTION RD B4 E4T **</b><br><b>27.00 R 49 Tubeless</b> | 166905<br>68679 | 26<br>16.2                 | 567<br>388                  | 743<br>29.3  | 2737<br>107.8 | 1234<br>48.6  | 8262<br>325.3 | 81<br>102              | 892<br>35.1             | 2045<br>540.3        | 19.50/4.0 [3.2]                                 | 19.50/4.0 [2.7]<br>22.00/4.0              |

|            |            |           |            |           |            |           |            |            |            |            |
|------------|------------|-----------|------------|-----------|------------|-----------|------------|------------|------------|------------|
| <b>Bar</b> | <b>3.5</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>6.5</b> | <b>7</b>   | <b>7.5</b> | <b>8</b>   |
| <b>Psi</b> | <b>51</b>  | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  | <b>87</b> | <b>94</b>  | <b>102</b> | <b>109</b> | <b>116</b> |

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|---------------------------|------------------|--|--|--|--|--|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>TRANSPORT</b> |  |  |  |  |  |  |  |  |  |  |
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|-----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| <b>STANDARD</b> | 16850<br>37154 | 18550<br>40903 | 20300<br>44762 | 22050<br>48620 | 24000<br>52920 | 25500<br>56228 | 27250<br>60086 | 28100<br>61961 | 29000<br>63945 | 29850<br>65819 |
|-----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|

### TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI

| COMMERCIAL DESCRIPTION                                | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch   | D<br>mm inch   | R'<br>mm inch  | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|-------------------------------------------------------|-----------------|-----------------------------|-----------------------------|----------------|----------------|----------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>X-TRACTION RD A4 E4T **</b><br>27.00 R 49 Tubeless | 495676<br>38957 | 18<br>11.2                  | 392<br>269                  | 743<br>29.3    | 2737<br>107.8  | 1234<br>48.6   | 8262<br>325.3  | 81<br>102              | 892<br>35.1             | 2045<br>540.3        | 19.50/4.0 [3.2]                                 | 19.50/4.0 [2.7]<br>22.00/4.0              |
| <b>Bar</b>                                            | <b>3.5</b>      | <b>4</b>                    |                             | <b>4.5</b>     | <b>5</b>       | <b>5.5</b>     |                | <b>6</b>               | <b>6.5</b>              | <b>7</b>             | <b>7.5</b>                                      | <b>8</b>                                  |
| <b>Psi</b>                                            | <b>51</b>       | <b>58</b>                   |                             | <b>65</b>      | <b>73</b>      | <b>80</b>      |                | <b>87</b>              | <b>94</b>               | <b>102</b>           | <b>109</b>                                      | <b>116</b>                                |
| Machine - Use ( kg - lbs)                             | TRANSPORT       |                             |                             |                |                |                |                |                        |                         |                      |                                                 |                                           |
| STANDARD                                              | 16850<br>37154  | 18550<br>40903              | 20300<br>44762              | 22050<br>48620 | 24000<br>52920 | 25500<br>56228 | 27250<br>60086 | 28100<br>61961         | 29000<br>63945          | 29850<br>65819       |                                                 |                                           |

| COMMERCIAL DESCRIPTION                                 | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch   | D<br>mm inch   | R'<br>mm inch  | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|--------------------------------------------------------|-----------------|-----------------------------|-----------------------------|----------------|----------------|----------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>X-TRACTION S RD B E3T **</b><br>27.00 R 49 Tubeless | 689287<br>35019 | 35<br>21.7                  | 763<br>523                  | 746<br>29.4    | 2647<br>104.2  | 1190<br>46.9   | 7982<br>314.3  | 46<br>58               | 892<br>35.1             | 2045<br>540.3        | 19.50/4.0 [3.2]                                 | 19.50/4.0 [2.7]<br>22.00/4.0              |
| <b>Bar</b>                                             | <b>3.5</b>      | <b>4</b>                    |                             | <b>4.5</b>     | <b>5</b>       | <b>5.5</b>     |                | <b>6</b>               | <b>6.5</b>              | <b>7</b>             | <b>7.5</b>                                      | <b>8</b>                                  |
| <b>Psi</b>                                             | <b>51</b>       | <b>58</b>                   |                             | <b>65</b>      | <b>73</b>      | <b>80</b>      |                | <b>87</b>              | <b>94</b>               | <b>102</b>           | <b>109</b>                                      | <b>116</b>                                |
| Machine - Use ( kg - lbs)                              | TRANSPORT       |                             |                             |                |                |                |                |                        |                         |                      |                                                 |                                           |
| STANDARD                                               | 16850<br>37154  | 18550<br>40903              | 20300<br>44762              | 22050<br>48620 | 24000<br>52920 | 25500<br>56228 | 27250<br>60086 | 28100<br>61961         | 29000<br>63945          | 29850<br>65819       |                                                 |                                           |

| COMMERCIAL DESCRIPTION                                  | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch   | D<br>mm inch   | R'<br>mm inch  | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|---------------------------------------------------------|-----------------|-----------------------------|-----------------------------|----------------|----------------|----------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XV C E2 **</b><br>27.00 R 49 Tubeless <sup>(9)</sup> | 280557<br>06957 | 50<br>31.1                  | 1090<br>747                 | 745<br>29.3    | 2648<br>104.3  | 1170<br>46.1   | 7934<br>312.4  | 33<br>41.6             | 909<br>35.8             | 2060<br>544.3        | 19.50/4.0 [3.2]                                 | 19.50/4.0 [2.7]<br>22.00/4.0              |
| <b>Bar</b>                                              | <b>3.5</b>      | <b>4</b>                    |                             | <b>4.5</b>     | <b>5</b>       | <b>5.5</b>     |                | <b>6</b>               | <b>6.5</b>              | <b>7</b>             | <b>7.5</b>                                      | <b>8</b>                                  |
| <b>Psi</b>                                              | <b>51</b>       | <b>58</b>                   |                             | <b>65</b>      | <b>73</b>      | <b>80</b>      |                | <b>87</b>              | <b>94</b>               | <b>102</b>           | <b>109</b>                                      | <b>116</b>                                |
| Machine - Use ( kg - lbs)                               | TRANSPORT       |                             |                             |                |                |                |                |                        |                         |                      |                                                 |                                           |
| STANDARD                                                | 16850<br>37154  | 18550<br>40903              | 20300<br>44762              | 22050<br>48620 | 24000<br>52920 | 25500<br>56228 | 27250<br>60086 | 28100<br>61961         | 29000<br>63945          | 29850<br>65819       |                                                 |                                           |

51"

| COMMERCIAL DESCRIPTION                       | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch   | D<br>mm inch   | R'<br>mm inch  | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|----------------------------------------------|-----------------|-----------------------------|-----------------------------|----------------|----------------|----------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XDR+ MC E4R **</b><br>30.00 R 51 Tubeless | 765099<br>62720 | 30<br>18.6                  | 804<br>551                  | 835<br>32.9    | 2878<br>113.3  | 1288<br>50.7   | 8662<br>341    | 83<br>104.6            | 1006<br>39.6            | 2490<br>657.9        | 22.00/4.5                                       |                                           |
| <b>Bar</b>                                   | <b>3.5</b>      | <b>4</b>                    |                             | <b>4.5</b>     | <b>5</b>       | <b>5.5</b>     |                | <b>6</b>               | <b>6.5</b>              | <b>7</b>             |                                                 |                                           |
| <b>Psi</b>                                   | <b>51</b>       | <b>58</b>                   |                             | <b>65</b>      | <b>73</b>      | <b>80</b>      |                | <b>87</b>              | <b>94</b>               | <b>102</b>           |                                                 |                                           |
| Machine - Use ( kg - lbs)                    | TRANSPORT       |                             |                             |                |                |                |                |                        |                         |                      |                                                 |                                           |
| STANDARD                                     | 22100<br>48731  | 24350<br>53692              | 26650<br>58763              | 28950<br>63835 | 31200<br>68796 | 33500<br>73868 | 34650<br>76403 | 35800<br>78939         |                         |                      |                                                 |                                           |

| COMMERCIAL DESCRIPTION                       | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch   | D<br>mm inch   | R'<br>mm inch  | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|----------------------------------------------|-----------------|-----------------------------|-----------------------------|----------------|----------------|----------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XDR+ MB E4R **</b><br>33.00 R 51 Tubeless | 217595<br>60919 | 24<br>14.9                  | 643<br>440                  | 835<br>32.9    | 2878<br>113.3  | 1288<br>50.7   | 8662<br>341    | 83<br>104.6            | 1006<br>39.6            | 2490<br>657.9        | 22.00/4.5                                       |                                           |
| <b>Bar</b>                                   | <b>3.5</b>      | <b>4</b>                    |                             | <b>4.5</b>     | <b>5</b>       | <b>5.5</b>     |                | <b>6</b>               | <b>6.5</b>              | <b>7</b>             |                                                 |                                           |
| <b>Psi</b>                                   | <b>51</b>       | <b>58</b>                   |                             | <b>65</b>      | <b>73</b>      | <b>80</b>      |                | <b>87</b>              | <b>94</b>               | <b>102</b>           |                                                 |                                           |
| Machine - Use ( kg - lbs)                    | TRANSPORT       |                             |                             |                |                |                |                |                        |                         |                      |                                                 |                                           |
| STANDARD                                     | 22100<br>48731  | 24350<br>53692              | 26650<br>58763              | 28950<br>63835 | 31200<br>68796 | 33500<br>73868 | 34650<br>76403 | 35800<br>78939         |                         |                      |                                                 |                                           |

### TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI

| COMMERCIAL DESCRIPTION                            | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch  | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|---------------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|---------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XDT A E4T **</b><br><b>33.00 R 51 Tubeless</b> | 123971<br>79398 | 22<br>13.7                 | 682<br>467                  | 911<br>35.9  | 3040<br>119.7 | 1365<br>53.7  | 9161<br>360.7 | 87<br>109.6            | 1107<br>43.6            | 3090<br>816.4        | 24.00/5.0 [4.4]                                 | 24.00/5.0 [3.9]                           |

|            |            |           |            |           |            |           |            |            |  |  |  |  |
|------------|------------|-----------|------------|-----------|------------|-----------|------------|------------|--|--|--|--|
| <b>Bar</b> | <b>3.5</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>6.5</b> | <b>7</b>   |  |  |  |  |
| <b>Psi</b> | <b>51</b>  | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  | <b>87</b> | <b>94</b>  | <b>102</b> |  |  |  |  |

|                                  |                  |                |                |                |                |                |                |                |  |  |  |  |
|----------------------------------|------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--|--|--|--|
| <b>Machine - Use ( kg - lbs)</b> | <b>TRANSPORT</b> |                |                |                |                |                |                |                |  |  |  |  |
| <b>STANDARD</b>                  | 25550<br>56338   | 28200<br>62181 | 30800<br>67914 | 33450<br>73757 | 36600<br>80703 | 38750<br>85444 | 40100<br>88421 | 41400<br>91287 |  |  |  |  |

| COMMERCIAL DESCRIPTION                            | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch  | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|---------------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|---------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XDT B E4T **</b><br><b>33.00 R 51 Tubeless</b> | 123961<br>53227 | 30<br>18.6                 | 930<br>637                  | 911<br>35.9  | 3040<br>119.7 | 1365<br>53.7  | 9161<br>360.7 | 87<br>109.6            | 1107<br>43.6            | 3090<br>816.4        | 24.00/5.0 [4.4]                                 | 24.00/5.0 [3.9]                           |

|            |            |           |            |           |            |           |            |            |  |  |  |  |
|------------|------------|-----------|------------|-----------|------------|-----------|------------|------------|--|--|--|--|
| <b>Bar</b> | <b>3.5</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>6.5</b> | <b>7</b>   |  |  |  |  |
| <b>Psi</b> | <b>51</b>  | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  | <b>87</b> | <b>94</b>  | <b>102</b> |  |  |  |  |

|                                  |                  |                |                |                |                |                |                |                |  |  |  |  |
|----------------------------------|------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--|--|--|--|
| <b>Machine - Use ( kg - lbs)</b> | <b>TRANSPORT</b> |                |                |                |                |                |                |                |  |  |  |  |
| <b>STANDARD</b>                  | 25550<br>56338   | 28200<br>62181 | 30800<br>67914 | 33450<br>73757 | 36600<br>80703 | 38750<br>85444 | 40100<br>88421 | 41400<br>91287 |  |  |  |  |

| COMMERCIAL DESCRIPTION                                            | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch  | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|-------------------------------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|---------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XDC C4 E3V **</b><br><b>33.00 R 51 Tubeless <sup>(9)</sup></b> | 645788<br>28097 | 45<br>28                   | 1395<br>956                 | 889<br>35    | 2966<br>116.8 | 1318<br>51.9  | 8903<br>350.5 | 48<br>60.5             | 1107<br>43.6            |                      | 24.00/5.0 [4.4]                                 | 24.00/5.0 [3.9]                           |

|            |            |           |            |           |            |           |            |            |  |  |  |  |
|------------|------------|-----------|------------|-----------|------------|-----------|------------|------------|--|--|--|--|
| <b>Bar</b> | <b>3.5</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>6.5</b> | <b>7</b>   |  |  |  |  |
| <b>Psi</b> | <b>51</b>  | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  | <b>87</b> | <b>94</b>  | <b>102</b> |  |  |  |  |

|                                  |                  |                |                |                |                |                |                |                |  |  |  |  |
|----------------------------------|------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--|--|--|--|
| <b>Machine - Use ( kg - lbs)</b> | <b>TRANSPORT</b> |                |                |                |                |                |                |                |  |  |  |  |
| <b>STANDARD</b>                  | 25550<br>56338   | 28200<br>62181 | 30800<br>67914 | 33450<br>73757 | 36600<br>80703 | 38750<br>85444 | 40100<br>88421 | 41400<br>91287 |  |  |  |  |

| COMMERCIAL DESCRIPTION                             | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|----------------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XDR C4 E4R **</b><br><b>33.00 R 51 Tubeless</b> | 691960<br>78629 | 27<br>16.8                 | 837<br>573                  | 921<br>36.3  | 3049<br>120  | 1363<br>53.7  | 9174<br>361.2 | 94<br>118.4            | 1074<br>42.3            | 3100<br>819          | 24.00/5.0 [4.4]                                 | 24.00/5.0 [3.9]<br>26.00/5.0              |

|            |            |           |            |           |            |           |            |            |            |  |  |  |
|------------|------------|-----------|------------|-----------|------------|-----------|------------|------------|------------|--|--|--|
| <b>Bar</b> | <b>3.5</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>6.5</b> | <b>7</b>   | <b>7.5</b> |  |  |  |
| <b>Psi</b> | <b>51</b>  | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  | <b>87</b> | <b>94</b>  | <b>102</b> | <b>109</b> |  |  |  |

|                                  |                  |                |                |                |                |                |                |                |                |  |  |  |
|----------------------------------|------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--|--|--|
| <b>Machine - Use ( kg - lbs)</b> | <b>TRANSPORT</b> |                |                |                |                |                |                |                |                |  |  |  |
| <b>STANDARD</b>                  | 25550<br>56338   | 28200<br>62181 | 30800<br>67914 | 33450<br>73757 | 36600<br>80703 | 38750<br>85444 | 40100<br>88421 | 41400<br>91287 | 42700<br>94154 |  |  |  |

| COMMERCIAL DESCRIPTION                             | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|----------------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XDR3 B E4R **</b><br><b>33.00 R 51 Tubeless</b> | 884959<br>05483 | 24<br>14.9                 | 744<br>510                  | 921<br>36.3  | 3049<br>120  | 1343<br>52.9  | 9124<br>359.2 | 94<br>118.4            | 1074<br>42.3            | 3100<br>819          | 24.00/5.0 [4.4]                                 | 24.00/5.0 [3.9]<br>26.00/5.0              |

|            |            |           |            |           |            |           |            |            |            |  |  |  |
|------------|------------|-----------|------------|-----------|------------|-----------|------------|------------|------------|--|--|--|
| <b>Bar</b> | <b>3.5</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>6.5</b> | <b>7</b>   | <b>7.5</b> |  |  |  |
| <b>Psi</b> | <b>51</b>  | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  | <b>87</b> | <b>94</b>  | <b>102</b> | <b>109</b> |  |  |  |

|                                  |                  |                |                |                |                |                |                |                |                |  |  |  |
|----------------------------------|------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--|--|--|
| <b>Machine - Use ( kg - lbs)</b> | <b>TRANSPORT</b> |                |                |                |                |                |                |                |                |  |  |  |
| <b>STANDARD</b>                  | 25550<br>56338   | 28200<br>62181 | 30800<br>67914 | 33450<br>73757 | 36600<br>80703 | 38750<br>85444 | 40100<br>88421 | 41400<br>91287 | 42700<br>94154 |  |  |  |

| COMMERCIAL DESCRIPTION                              | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|-----------------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XDR3 B4 E4R **</b><br><b>33.00 R 51 Tubeless</b> | 089608<br>05115 | 20<br>12.4                 | 620<br>425                  | 921<br>36.3  | 3049<br>120  | 1363<br>53.7  | 9174<br>361.2 | 94<br>118.4            | 1074<br>42.3            | 3100<br>819          | 24.00/5.0 [4.4]                                 | 24.00/5.0 [3.9]<br>26.00/5.0              |

|            |            |           |            |           |            |           |            |            |            |  |  |  |
|------------|------------|-----------|------------|-----------|------------|-----------|------------|------------|------------|--|--|--|
| <b>Bar</b> | <b>3.5</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>6.5</b> | <b>7</b>   | <b>7.5</b> |  |  |  |
| <b>Psi</b> | <b>51</b>  | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  | <b>87</b> | <b>94</b>  | <b>102</b> | <b>109</b> |  |  |  |

|                                  |                  |                |                |                |                |                |                |                |                |  |  |  |
|----------------------------------|------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--|--|--|
| <b>Machine - Use ( kg - lbs)</b> | <b>TRANSPORT</b> |                |                |                |                |                |                |                |                |  |  |  |
| <b>STANDARD</b>                  | 25550<br>56338   | 28200<br>62181 | 30800<br>67914 | 33450<br>73757 | 36600<br>80703 | 38750<br>85444 | 40100<br>88421 | 41400<br>91287 | 42700<br>94154 |  |  |  |

### TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI

| COMMERCIAL DESCRIPTION                                     | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch  | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|------------------------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|---------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XDC C4 E3V **</b><br>36.00 R 51 Tubeless <sup>(9)</sup> | 975610<br>00557 | 40<br>24.9                 | 1480<br>1014                | 1008<br>39.7 | 3145<br>123.8 | 1376<br>54.2  | 9388<br>369.6 | 57<br>71.8             | 1225<br>48.2            | 3980<br>1051.5       | 26.00/5.0                                       |                                           |

|            |            |           |            |           |            |           |            |            |            |  |  |  |
|------------|------------|-----------|------------|-----------|------------|-----------|------------|------------|------------|--|--|--|
| <b>Bar</b> | <b>3.5</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>6.5</b> | <b>7</b>   | <b>7.5</b> |  |  |  |
| <b>Psi</b> | <b>51</b>  | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  | <b>87</b> | <b>94</b>  | <b>102</b> | <b>109</b> |  |  |  |

|                           |                  |                |                |                |                |                 |                 |                 |                 |  |  |  |
|---------------------------|------------------|----------------|----------------|----------------|----------------|-----------------|-----------------|-----------------|-----------------|--|--|--|
| Machine - Use ( kg - lbs) | <b>TRANSPORT</b> |                |                |                |                |                 |                 |                 |                 |  |  |  |
| <b>STANDARD</b>           | 30450<br>67142   | 33600<br>74088 | 36800<br>81144 | 39950<br>88090 | 43100<br>95036 | 46250<br>101981 | 47850<br>105509 | 49400<br>108927 | 51000<br>112455 |  |  |  |

| COMMERCIAL DESCRIPTION                                    | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch  | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|-----------------------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|---------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XDC B E3V **</b><br>36.00 R 51 Tubeless <sup>(9)</sup> | 320300<br>59360 | 37<br>23                   | 1369<br>938                 | 1008<br>39.7 | 3145<br>123.8 | 1376<br>54.2  | 9388<br>369.6 | 57<br>71.8             | 1225<br>48.2            | 3980<br>1051.5       | 26.00/5.0                                       |                                           |

|            |            |           |            |           |            |           |            |            |            |  |  |  |
|------------|------------|-----------|------------|-----------|------------|-----------|------------|------------|------------|--|--|--|
| <b>Bar</b> | <b>3.5</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>6.5</b> | <b>7</b>   | <b>7.5</b> |  |  |  |
| <b>Psi</b> | <b>51</b>  | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  | <b>87</b> | <b>94</b>  | <b>102</b> | <b>109</b> |  |  |  |

|                           |                  |                |                |                |                |                 |                 |                 |                 |  |  |  |
|---------------------------|------------------|----------------|----------------|----------------|----------------|-----------------|-----------------|-----------------|-----------------|--|--|--|
| Machine - Use ( kg - lbs) | <b>TRANSPORT</b> |                |                |                |                |                 |                 |                 |                 |  |  |  |
| <b>STANDARD</b>           | 30450<br>67142   | 33600<br>74088 | 36800<br>81144 | 39950<br>88090 | 43100<br>95036 | 46250<br>101981 | 47850<br>105509 | 49400<br>108927 | 51000<br>112455 |  |  |  |

| COMMERCIAL DESCRIPTION                      | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch  | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|---------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|---------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XDR B4 E4R **</b><br>36.00 R 51 Tubeless | 123122<br>50173 | 24<br>14.9                 | 888<br>608                  | 1011<br>39.8 | 3215<br>126.6 | 1429<br>56.3  | 9653<br>380   | 96<br>120.9            | 1225<br>48.2            | 3980<br>1051.5       | 26.00/5.0                                       |                                           |

|            |            |           |            |           |            |           |            |            |            |  |  |  |
|------------|------------|-----------|------------|-----------|------------|-----------|------------|------------|------------|--|--|--|
| <b>Bar</b> | <b>3.5</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>6.5</b> | <b>7</b>   | <b>7.5</b> |  |  |  |
| <b>Psi</b> | <b>51</b>  | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  | <b>87</b> | <b>94</b>  | <b>102</b> | <b>109</b> |  |  |  |

|                           |                  |                |                |                |                |                 |                 |                 |                 |  |  |  |
|---------------------------|------------------|----------------|----------------|----------------|----------------|-----------------|-----------------|-----------------|-----------------|--|--|--|
| Machine - Use ( kg - lbs) | <b>TRANSPORT</b> |                |                |                |                |                 |                 |                 |                 |  |  |  |
| <b>STANDARD</b>           | 30450<br>67142   | 33600<br>74088 | 36800<br>81144 | 39950<br>88090 | 43100<br>95036 | 46250<br>101981 | 47850<br>105509 | 49400<br>108927 | 51000<br>112455 |  |  |  |

| COMMERCIAL DESCRIPTION                      | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch  | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|---------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|---------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XDR B4 E4R **</b><br>36.00 R 51 Tubeless | 123002<br>87111 | 20<br>12.4                 | 740<br>507                  | 1011<br>39.8 | 3215<br>126.6 | 1430<br>56.3  | 9653<br>380   | 96<br>120.9            | 1225<br>48.2            | 3980<br>1051.5       | 26.00/5.0                                       |                                           |

|            |            |           |            |           |            |           |            |            |            |  |  |  |
|------------|------------|-----------|------------|-----------|------------|-----------|------------|------------|------------|--|--|--|
| <b>Bar</b> | <b>3.5</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>6.5</b> | <b>7</b>   | <b>7.5</b> |  |  |  |
| <b>Psi</b> | <b>51</b>  | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  | <b>87</b> | <b>94</b>  | <b>102</b> | <b>109</b> |  |  |  |

|                           |                  |                |                |                |                |                 |                 |                 |                 |  |  |  |
|---------------------------|------------------|----------------|----------------|----------------|----------------|-----------------|-----------------|-----------------|-----------------|--|--|--|
| Machine - Use ( kg - lbs) | <b>TRANSPORT</b> |                |                |                |                |                 |                 |                 |                 |  |  |  |
| <b>STANDARD</b>           | 30450<br>67142   | 33600<br>74088 | 36800<br>81144 | 39950<br>88090 | 43100<br>95036 | 46250<br>101981 | 47850<br>105509 | 49400<br>108927 | 51000<br>112455 |  |  |  |

| COMMERCIAL DESCRIPTION                           | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|--------------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XMINE D2 HR LSR **</b><br>50/65 R 51 Tubeless | 523260<br>00296 | 6<br>3.7                   |                             | 1273<br>50.1 | 3073<br>121  | 1366<br>53.8  | 9227<br>363.3 | 116<br>146.1           |                         | 4463<br>1179.1       | 40.00/4.5                                       |                                           |

|            |           |            |           |            |           |             |  |  |  |  |  |  |
|------------|-----------|------------|-----------|------------|-----------|-------------|--|--|--|--|--|--|
| <b>Bar</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>6.35</b> |  |  |  |  |  |  |
| <b>Psi</b> | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  | <b>87</b> | <b>92</b>   |  |  |  |  |  |  |

|                           |                 |                 |                 |                 |                 |                 |  |  |  |  |  |  |
|---------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|--|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>LOADERS</b>  |                 |                 |                 |                 |                 |  |  |  |  |  |  |
| <b>FRONT LADEN</b>        | 46500<br>102533 | 50500<br>111353 | 54500<br>120173 | 58500<br>128993 | 62500<br>137813 | 65000<br>143325 |  |  |  |  |  |  |
| <b>REAR UNLADEN</b>       | 37200<br>82026  | 40400<br>89082  | 43600<br>96138  | 46800<br>103194 | 50000<br>110250 | 52000<br>114660 |  |  |  |  |  |  |

### TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI

| COMMERCIAL DESCRIPTION                                  | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|---------------------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XMINE D2 LC LSR **</b><br><b>50/65 R 51 Tubeless</b> | 508706<br>08094 | 10<br>6.2                  |                             | 1273<br>50.1 | 3073<br>121  | 1366<br>53.8  | 9227<br>363.3 | 116<br>146.1           |                         | 4463<br>1179.1       | 40.00/4.5                                       |                                           |

| Bar                       | 4               | 4.5             | 5               | 5.5             | 6               | 6.35            |  |  |  |
|---------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|--|--|--|
| Psi                       | 58              | 65              | 73              | 80              | 87              | 92              |  |  |  |
| Machine - Use ( kg - lbs) | LOADERS         |                 |                 |                 |                 |                 |  |  |  |
| FRONT LADEN               | 46500<br>102533 | 50500<br>111353 | 54500<br>120173 | 58500<br>128993 | 62500<br>137813 | 65000<br>143325 |  |  |  |
| REAR UNLADEN              | 37200<br>82026  | 40400<br>89082  | 43600<br>96138  | 46800<br>103194 | 50000<br>110250 | 52000<br>114660 |  |  |  |

| COMMERCIAL DESCRIPTION                                  | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|---------------------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|--------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XMINE D2 SR LSR **</b><br><b>50/65 R 51 Tubeless</b> | 970863<br>92514 | 6<br>3.7                   |                             | 1273<br>50.1 | 3073<br>121  | 1366<br>53.8  | 9227<br>363.3 | 116<br>146.1           |                         | 4463<br>1179.1       | 40.00/4.5                                       |                                           |

| Bar                       | 4       | 4.5    | 5      | 5.5    | 6      | 6.35   |  |  |  |
|---------------------------|---------|--------|--------|--------|--------|--------|--|--|--|
| Psi                       | 58      | 65     | 73     | 80     | 87     | 92     |  |  |  |
| Machine - Use ( kg - lbs) | LOADERS |        |        |        |        |        |  |  |  |
| FRONT LADEN               | 46500   | 50500  | 54500  | 58500  | 62500  | 65000  |  |  |  |
|                           | 102533  | 111353 | 120173 | 128993 | 137813 | 143325 |  |  |  |
| REAR UNLADEN              | 37200   | 40400  | 43600  | 46800  | 50000  | 52000  |  |  |  |
|                           | 82026   | 89082  | 96138  | 103194 | 110250 | 114660 |  |  |  |

57"

| COMMERCIAL DESCRIPTION                             | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch  | R'<br>mm inch | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|----------------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|---------------|---------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XDM B4 E4T **</b><br><b>37.00 R 57 Tubeless</b> | 725325<br>16047 | 20<br>12.4                 | 848<br>581                  | 1022<br>40.2 | 3453<br>135.9 | 1542<br>60.7  | 10385<br>408.9 | 99<br>124.7            | 1242<br>48.9            |                      | 27.00/6.0 [5.2]                                 | 27.00/6.0 [4.6]<br>29.00/6.0              |

| Bar                       | 4              | 4.5            | 5               | 5.5             | 6               | 6.5             | 7               | 7.5             |
|---------------------------|----------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Psi                       | 58             | 65             | 73              | 80              | 87              | 94              | 102             | 109             |
| Machine - Use ( kg - lbs) | TRANSPORT      |                |                 |                 |                 |                 |                 |                 |
| STANDARD                  | 38550<br>85003 | 42200<br>93051 | 45800<br>100989 | 49400<br>108927 | 53000<br>116865 | 54850<br>120944 | 56650<br>124913 | 58450<br>128882 |

| COMMERCIAL DESCRIPTION                                            | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch  | R'<br>mm inch | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|-------------------------------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|---------------|---------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XDR3 C E4R **</b><br><b>37.00 R 57 Tubeless <sup>(8)</sup></b> | 168876<br>09655 | 30<br>18.6                 | 1272<br>871                 | 1013<br>39.9 | 3459<br>136.2 | 1537<br>60.5  | 10384<br>408.8 | 102<br>128.5           | 1242<br>48.9            | 4530<br>1196.8       | 27.00/6.0 [5.2]                                 | 27.00/6.0 [4.6]<br>29.00/6.0              |

| Bar                       | 4         | 4.5   | 5      | 5.5    | 6      | 6.5    | 7      | 7.5    |
|---------------------------|-----------|-------|--------|--------|--------|--------|--------|--------|
| Psi                       | 58        | 65    | 73     | 80     | 87     | 94     | 102    | 109    |
| Machine - Use ( kg - lbs) | TRANSPORT |       |        |        |        |        |        |        |
| STANDARD                  | 38550     | 42200 | 45800  | 49400  | 53000  | 54850  | 56650  | 58450  |
|                           | 85003     | 93051 | 100989 | 108927 | 116865 | 120944 | 124913 | 128882 |

| COMMERCIAL DESCRIPTION                                             | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch  | R'<br>mm inch | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|--------------------------------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|---------------|---------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XDR3 C4 E4R **</b><br><b>37.00 R 57 Tubeless <sup>(8)</sup></b> | 514466<br>86430 | 27<br>16.8                 | 1145<br>784                 | 1013<br>39.9 | 3459<br>136.2 | 1537<br>60.5  | 10384<br>408.8 | 102<br>128.5           | 1242<br>48.9            | 4530<br>1196.8       | 27.00/6.0 [5.2]                                 | 27.00/6.0 [4.6]<br>29.00/6.0              |

| Bar                       | 4              | 4.5            | 5               | 5.5             | 6               | 6.5             | 7               | 7.5             |
|---------------------------|----------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Psi                       | 58             | 65             | 73              | 80              | 87              | 94              | 102             | 109             |
| Machine - Use ( kg - lbs) | TRANSPORT      |                |                 |                 |                 |                 |                 |                 |
| STANDARD                  | 38550<br>85003 | 42200<br>93051 | 45800<br>100989 | 49400<br>108927 | 53000<br>116865 | 54850<br>120944 | 56650<br>124913 | 58450<br>128882 |



### TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI

| COMMERCIAL DESCRIPTION                                     | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch    | D<br>mm inch    | R'<br>mm inch   | RC<br>mm inch   | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|------------------------------------------------------------|-----------------|----------------------------|-----------------------------|-----------------|-----------------|-----------------|-----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XDR3 B E4R **</b><br>37.00 R 57 Tubeless <sup>(9)</sup> | 651752<br>18283 | 24<br>14.9                 | 1018<br>697                 | 1013<br>39.9    | 3459<br>136.2   | 1537<br>60.5    | 10384<br>408.8  | 102<br>128.5           | 1242<br>48.9            | 4530<br>1196.8       | 27.00/6.0 [5.2]                                 | 27.00/6.0 [4.6]<br>29.00/6.0              |
| <b>Bar</b>                                                 | <b>4</b>        | <b>4.5</b>                 | <b>5</b>                    | <b>5.5</b>      | <b>6</b>        | <b>6.5</b>      | <b>7</b>        | <b>7.5</b>             |                         |                      |                                                 |                                           |
| <b>Psi</b>                                                 | <b>58</b>       | <b>65</b>                  | <b>73</b>                   | <b>80</b>       | <b>87</b>       | <b>94</b>       | <b>102</b>      | <b>109</b>             |                         |                      |                                                 |                                           |
| <b>Machine - Use ( kg - lbs) TRANSPORT</b>                 |                 |                            |                             |                 |                 |                 |                 |                        |                         |                      |                                                 |                                           |
| <b>STANDARD</b>                                            | 38550<br>85003  | 42200<br>93051             | 45800<br>100989             | 49400<br>108927 | 53000<br>116865 | 54850<br>120944 | 56650<br>124913 | 58450<br>128882        |                         |                      |                                                 |                                           |

| COMMERCIAL DESCRIPTION                                      | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch    | D<br>mm inch    | R'<br>mm inch   | RC<br>mm inch   | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|-------------------------------------------------------------|-----------------|----------------------------|-----------------------------|-----------------|-----------------|-----------------|-----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XDR3 B4 E4R **</b><br>37.00 R 57 Tubeless <sup>(9)</sup> | 112553<br>66263 | 20<br>12.4                 | 848<br>581                  | 1013<br>39.9    | 3459<br>136.2   | 1537<br>60.5    | 10384<br>408.8  | 102<br>128.5           | 1242<br>48.9            | 4530<br>1196.8       | 27.00/6.0 [5.2]                                 | 27.00/6.0 [4.6]<br>29.00/6.0              |
| <b>Bar</b>                                                  | <b>4</b>        | <b>4.5</b>                 | <b>5</b>                    | <b>5.5</b>      | <b>6</b>        | <b>6.5</b>      | <b>7</b>        | <b>7.5</b>             |                         |                      |                                                 |                                           |
| <b>Psi</b>                                                  | <b>58</b>       | <b>65</b>                  | <b>73</b>                   | <b>80</b>       | <b>87</b>       | <b>94</b>       | <b>102</b>      | <b>109</b>             |                         |                      |                                                 |                                           |
| <b>Machine - Use ( kg - lbs) TRANSPORT</b>                  |                 |                            |                             |                 |                 |                 |                 |                        |                         |                      |                                                 |                                           |
| <b>STANDARD</b>                                             | 38550<br>85003  | 42200<br>93051             | 45800<br>100989             | 49400<br>108927 | 53000<br>116865 | 54850<br>120944 | 56650<br>124913 | 58450<br>128882        |                         |                      |                                                 |                                           |

| COMMERCIAL DESCRIPTION                                     | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch    | D<br>mm inch    | R'<br>mm inch   | RC<br>mm inch   | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|------------------------------------------------------------|-----------------|----------------------------|-----------------------------|-----------------|-----------------|-----------------|-----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XDC C4 E3V **</b><br>40.00 R 57 Tubeless <sup>(9)</sup> | 835698<br>51763 | 40<br>24.9                 | 1920<br>1315                | 1107<br>43.6    | 3491<br>137.4   | 1528<br>60.2    | 10422<br>410.3  | 63<br>79.4             | 1365<br>53.7            | 5628<br>1486.9       | 29.00/6.0 [5.7]                                 | 29.00/6.0 [5.2]<br>32.00/6.0              |
| <b>Bar</b>                                                 | <b>4</b>        | <b>4.5</b>                 | <b>5</b>                    | <b>5.5</b>      | <b>6</b>        | <b>6.5</b>      | <b>7</b>        |                        |                         |                      |                                                 |                                           |
| <b>Psi</b>                                                 | <b>58</b>       | <b>65</b>                  | <b>73</b>                   | <b>80</b>       | <b>87</b>       | <b>94</b>       | <b>102</b>      |                        |                         |                      |                                                 |                                           |
| <b>Machine - Use ( kg - lbs) TRANSPORT</b>                 |                 |                            |                             |                 |                 |                 |                 |                        |                         |                      |                                                 |                                           |
| <b>STANDARD</b>                                            | 43650<br>96248  | 47750<br>105289            | 51850<br>114329             | 55950<br>123370 | 60000<br>132300 | 62050<br>136820 | 64100<br>141341 |                        |                         |                      |                                                 |                                           |

| COMMERCIAL DESCRIPTION                     | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch    | D<br>mm inch    | R'<br>mm inch   | RC<br>mm inch   | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|--------------------------------------------|-----------------|----------------------------|-----------------------------|-----------------|-----------------|-----------------|-----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XDC B E3V **</b><br>40.00 R 57 Tubeless | 731362<br>87933 | 37<br>23                   | 1776<br>1217                | 1107<br>43.6    | 3491<br>137.4   | 1528<br>60.2    | 10422<br>410.3  | 63<br>79.4             | 1365<br>53.7            | 5628<br>1486.9       | 29.00/6.0 [5.7]                                 | 29.00/6.0 [5.2]<br>32.00/6.0              |
| <b>Bar</b>                                 | <b>4</b>        | <b>4.5</b>                 | <b>5</b>                    | <b>5.5</b>      | <b>6</b>        | <b>6.5</b>      | <b>7</b>        |                        |                         |                      |                                                 |                                           |
| <b>Psi</b>                                 | <b>58</b>       | <b>65</b>                  | <b>73</b>                   | <b>80</b>       | <b>87</b>       | <b>94</b>       | <b>102</b>      |                        |                         |                      |                                                 |                                           |
| <b>Machine - Use ( kg - lbs) TRANSPORT</b> |                 |                            |                             |                 |                 |                 |                 |                        |                         |                      |                                                 |                                           |
| <b>STANDARD</b>                            | 43650<br>96248  | 47750<br>105289            | 51850<br>114329             | 55950<br>123370 | 60000<br>132300 | 62050<br>136820 | 64100<br>141341 |                        |                         |                      |                                                 |                                           |

| COMMERCIAL DESCRIPTION                                     | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch    | D<br>mm inch    | R'<br>mm inch   | RC<br>mm inch   | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|------------------------------------------------------------|-----------------|----------------------------|-----------------------------|-----------------|-----------------|-----------------|-----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XDC B4 E3V **</b><br>40.00 R 57 Tubeless <sup>(9)</sup> | 943864<br>72766 | 34<br>21.1                 | 1632<br>1118                | 1107<br>43.6    | 3491<br>137.4   | 1528<br>60.2    | 10422<br>410.3  | 63<br>79.4             | 1365<br>53.7            | 5628<br>1486.9       | 29.00/6.0 [5.7]                                 | 29.00/6.0 [5.2]<br>32.00/6.0              |
| <b>Bar</b>                                                 | <b>4</b>        | <b>4.5</b>                 | <b>5</b>                    | <b>5.5</b>      | <b>6</b>        | <b>6.5</b>      | <b>7</b>        |                        |                         |                      |                                                 |                                           |
| <b>Psi</b>                                                 | <b>58</b>       | <b>65</b>                  | <b>73</b>                   | <b>80</b>       | <b>87</b>       | <b>94</b>       | <b>102</b>      |                        |                         |                      |                                                 |                                           |
| <b>Machine - Use ( kg - lbs) TRANSPORT</b>                 |                 |                            |                             |                 |                 |                 |                 |                        |                         |                      |                                                 |                                           |
| <b>STANDARD</b>                                            | 43650<br>96248  | 47750<br>105289            | 51850<br>114329             | 55950<br>123370 | 60000<br>132300 | 62050<br>136820 | 64100<br>141341 |                        |                         |                      |                                                 |                                           |

| COMMERCIAL DESCRIPTION                       | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch    | D<br>mm inch    | R'<br>mm inch   | RC<br>mm inch   | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|----------------------------------------------|-----------------|----------------------------|-----------------------------|-----------------|-----------------|-----------------|-----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XDR3 MC E4R **</b><br>40.00 R 57 Tubeless | 861130<br>02582 | 30<br>18.6                 | 1440<br>986                 | 1127<br>44.4    | 3580<br>140.9   | 1578<br>62.1    | 10714<br>421.8  | 98<br>123.5            | 1365<br>53.7            | 5560<br>1469         | 29.00/6.0 [5.7]                                 | 29.00/6.0 [5.2]<br>32.00/6.0              |
| <b>Bar</b>                                   | <b>4.5</b>      | <b>5</b>                   | <b>5.5</b>                  | <b>6</b>        | <b>6.25</b>     | <b>6.5</b>      | <b>6.75</b>     | <b>7</b>               | <b>7.25</b>             |                      |                                                 |                                           |
| <b>Psi</b>                                   | <b>65</b>       | <b>73</b>                  | <b>80</b>                   | <b>87</b>       | <b>91</b>       | <b>94</b>       | <b>98</b>       | <b>102</b>             | <b>105</b>              |                      |                                                 |                                           |
| <b>Machine - Use ( kg - lbs) TRANSPORT</b>   |                 |                            |                             |                 |                 |                 |                 |                        |                         |                      |                                                 |                                           |
| <b>STANDARD</b>                              | 47750<br>105289 | 51850<br>114329            | 55950<br>123370             | 60000<br>132300 | 61400<br>135387 | 62800<br>138474 | 64200<br>141561 | 65600<br>144648        | 67000<br>147735         |                      |                                                 |                                           |

### TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI

| COMMERCIAL DESCRIPTION                        | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch  | R'<br>mm inch | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|-----------------------------------------------|-----------------|-----------------------------|-----------------------------|--------------|---------------|---------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XDR3 MC4 E4R **</b><br>40.00 R 57 Tubeless | 843163<br>54268 | 27<br>16.8                  | 1296<br>888                 | 1127<br>44.4 | 3580<br>140.9 | 1578<br>62.1  | 10714<br>421.8 | 98<br>123.5            | 1365<br>53.7            | 5560<br>1469         | 29.00/6.0 [5.7]                                 | 29.00/6.0 [5.2]<br>32.00/6.0              |

|            |     |    |     |    |      |     |      |     |      |  |  |  |
|------------|-----|----|-----|----|------|-----|------|-----|------|--|--|--|
| <b>Bar</b> | 4.5 | 5  | 5.5 | 6  | 6.25 | 6.5 | 6.75 | 7   | 7.25 |  |  |  |
| <b>Psi</b> | 65  | 73 | 80  | 87 | 91   | 94  | 98   | 102 | 105  |  |  |  |

|                                  |                  |                 |                 |                 |                 |                 |                 |                 |                 |  |  |  |
|----------------------------------|------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|--|--|--|
| <b>Machine - Use ( kg - lbs)</b> | <b>TRANSPORT</b> |                 |                 |                 |                 |                 |                 |                 |                 |  |  |  |
| <b>STANDARD</b>                  | 47750<br>105289  | 51850<br>114329 | 55950<br>123370 | 60000<br>132300 | 61400<br>135387 | 62800<br>138474 | 64200<br>141561 | 65600<br>144648 | 67000<br>147735 |  |  |  |

| COMMERCIAL DESCRIPTION                       | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch  | R'<br>mm inch | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|----------------------------------------------|-----------------|-----------------------------|-----------------------------|--------------|---------------|---------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XDR3 MB E4R **</b><br>40.00 R 57 Tubeless | 349567<br>40866 | 24<br>14.9                  | 1152<br>789                 | 1127<br>44.4 | 3580<br>140.9 | 1578<br>62.1  | 10714<br>421.8 | 98<br>123.5            | 1365<br>53.7            | 5560<br>1469         | 29.00/6.0 [5.7]                                 | 29.00/6.0 [5.2]<br>32.00/6.0              |

|            |    |     |    |     |    |     |     |  |  |  |  |  |
|------------|----|-----|----|-----|----|-----|-----|--|--|--|--|--|
| <b>Bar</b> | 4  | 4.5 | 5  | 5.5 | 6  | 6.5 | 7   |  |  |  |  |  |
| <b>Psi</b> | 58 | 65  | 73 | 80  | 87 | 94  | 102 |  |  |  |  |  |

|                                  |                  |                 |                 |                 |                 |                 |                 |  |  |  |  |  |
|----------------------------------|------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|--|--|--|--|--|
| <b>Machine - Use ( kg - lbs)</b> | <b>TRANSPORT</b> |                 |                 |                 |                 |                 |                 |  |  |  |  |  |
| <b>STANDARD</b>                  | 43650<br>96248   | 47750<br>105289 | 51850<br>114329 | 55950<br>123370 | 60000<br>132300 | 62050<br>136820 | 64100<br>141341 |  |  |  |  |  |

| COMMERCIAL DESCRIPTION                        | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch  | R'<br>mm inch | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|-----------------------------------------------|-----------------|-----------------------------|-----------------------------|--------------|---------------|---------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XDR3 MB4 E4R **</b><br>40.00 R 57 Tubeless | 133439<br>07678 | 20<br>12.4                  | 960<br>658                  | 1127<br>44.4 | 3580<br>140.9 | 1578<br>62.1  | 10714<br>421.8 | 98<br>123.5            | 1365<br>53.7            | 5560<br>1469         | 29.00/6.0 [5.7]                                 | 29.00/6.0 [5.2]<br>32.00/6.0              |

|            |    |     |    |     |    |     |     |  |  |  |  |  |
|------------|----|-----|----|-----|----|-----|-----|--|--|--|--|--|
| <b>Bar</b> | 4  | 4.5 | 5  | 5.5 | 6  | 6.5 | 7   |  |  |  |  |  |
| <b>Psi</b> | 58 | 65  | 73 | 80  | 87 | 94  | 102 |  |  |  |  |  |

|                                  |                  |                 |                 |                 |                 |                 |                 |  |  |  |  |  |
|----------------------------------|------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|--|--|--|--|--|
| <b>Machine - Use ( kg - lbs)</b> | <b>TRANSPORT</b> |                 |                 |                 |                 |                 |                 |  |  |  |  |  |
| <b>STANDARD</b>                  | 43650<br>96248   | 47750<br>105289 | 51850<br>114329 | 55950<br>123370 | 60000<br>132300 | 62050<br>136820 | 64100<br>141341 |  |  |  |  |  |

| COMMERCIAL DESCRIPTION                         | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch  | R'<br>mm inch | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|------------------------------------------------|-----------------|-----------------------------|-----------------------------|--------------|---------------|---------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XDR3 + MB E4R **</b><br>40.00 R 57 Tubeless | 932077<br>21579 | 24<br>14.9                  | 1152<br>789                 | 1127<br>44.4 | 3580<br>140.9 | 1578<br>62.1  | 10714<br>421.8 | 98<br>123.5            | 1365<br>53.7            | 5560<br>1469         | 29.00/6.0 [5.7]                                 | 29.00/6.0 [5.2]<br>32.00/6.0              |

|            |     |    |     |    |      |     |      |     |      |  |  |  |
|------------|-----|----|-----|----|------|-----|------|-----|------|--|--|--|
| <b>Bar</b> | 4.5 | 5  | 5.5 | 6  | 6.25 | 6.5 | 6.75 | 7   | 7.25 |  |  |  |
| <b>Psi</b> | 65  | 73 | 80  | 87 | 91   | 94  | 98   | 102 | 105  |  |  |  |

|                                  |                  |                 |                 |                 |                 |                 |                 |                 |                 |  |  |  |
|----------------------------------|------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|--|--|--|
| <b>Machine - Use ( kg - lbs)</b> | <b>TRANSPORT</b> |                 |                 |                 |                 |                 |                 |                 |                 |  |  |  |
| <b>STANDARD</b>                  | 47750<br>105289  | 51850<br>114329 | 55950<br>123370 | 60000<br>132300 | 61400<br>135387 | 62800<br>138474 | 64200<br>141561 | 65600<br>144648 | 67000<br>147735 |  |  |  |

| COMMERCIAL DESCRIPTION                          | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch  | R'<br>mm inch | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|-------------------------------------------------|-----------------|-----------------------------|-----------------------------|--------------|---------------|---------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XDR3 + MB4 E4R **</b><br>40.00 R 57 Tubeless | 151477<br>21579 | 20<br>12.4                  | 960<br>658                  | 1127<br>44.4 | 3580<br>140.9 | 1578<br>62.1  | 10714<br>421.8 | 98<br>123.5            | 1365<br>53.7            | 5560<br>1469         | 29.00/6.0 [5.7]                                 | 29.00/6.0 [5.2]<br>32.00/6.0              |

|            |     |    |     |    |      |     |      |     |      |  |  |  |
|------------|-----|----|-----|----|------|-----|------|-----|------|--|--|--|
| <b>Bar</b> | 4.5 | 5  | 5.5 | 6  | 6.25 | 6.5 | 6.75 | 7   | 7.25 |  |  |  |
| <b>Psi</b> | 65  | 73 | 80  | 87 | 91   | 94  | 98   | 102 | 105  |  |  |  |

|                                  |                  |                 |                 |                 |                 |                 |                 |                 |                 |  |  |  |
|----------------------------------|------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|--|--|--|
| <b>Machine - Use ( kg - lbs)</b> | <b>TRANSPORT</b> |                 |                 |                 |                 |                 |                 |                 |                 |  |  |  |
| <b>STANDARD</b>                  | 47750<br>105289  | 51850<br>114329 | 55950<br>123370 | 60000<br>132300 | 61400<br>135387 | 62800<br>138474 | 64200<br>141561 | 65600<br>144648 | 67000<br>147735 |  |  |  |

| COMMERCIAL DESCRIPTION                        | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch  | R'<br>mm inch | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims             |
|-----------------------------------------------|-----------------|-----------------------------|-----------------------------|--------------|---------------|---------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------------------|
| <b>XDR250 C E4R **</b><br>50/80 R 57 Tubeless | 195241<br>81178 | 30<br>18.6                  | 1608<br>1101                | 1204<br>47.4 | 3610<br>142.1 | 1586<br>62.4  | 10791<br>424.8 | 94<br>118.4            | 1420<br>55.9            | 6150<br>1624.8       | 32.00/6.0 [5.2]                                 | 29.00/6.0 [5.2]<br>29.00/6.0 [5.7]<br>32.00/6.0 [4.8] |

|            |    |      |     |      |    |      |     |      |     |  |  |  |
|------------|----|------|-----|------|----|------|-----|------|-----|--|--|--|
| <b>Bar</b> | 5  | 5.25 | 5.5 | 5.75 | 6  | 6.25 | 6.5 | 6.75 | 7   |  |  |  |
| <b>Psi</b> | 73 | 76   | 80  | 83   | 87 | 91   | 94  | 98   | 102 |  |  |  |

|                                  |                  |                 |                 |                 |                 |                 |                 |                 |                 |  |  |  |
|----------------------------------|------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|--|--|--|
| <b>Machine - Use ( kg - lbs)</b> | <b>TRANSPORT</b> |                 |                 |                 |                 |                 |                 |                 |                 |  |  |  |
| <b>STANDARD</b>                  | 57000<br>125685  | 59000<br>130095 | 61000<br>134505 | 63000<br>138915 | 65000<br>143325 | 67000<br>147735 | 69000<br>152145 | 71000<br>156555 | 73000<br>160965 |  |  |  |

### TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI

| COMMERCIAL DESCRIPTION                         | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch  | R'<br>mm inch | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims             |
|------------------------------------------------|-----------------|-----------------------------|-----------------------------|--------------|---------------|---------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------------------|
| <b>XDR250 C4 E4R **</b><br>50/80 R 57 Tubeless | 253293<br>48751 | 27<br>16.8                  | 1447<br>991                 | 1204<br>47.4 | 3610<br>142.1 | 1586<br>62.4  | 10791<br>424.8 | 94<br>118.4            | 1420<br>55.9            | 6150<br>1624.8       | 32.00/6.0 [5.2]                                 | 29.00/6.0 [5.2]<br>29.00/6.0 [5.7]<br>32.00/6.0 [4.8] |

|            |           |             |            |             |           |             |            |             |            |  |  |  |
|------------|-----------|-------------|------------|-------------|-----------|-------------|------------|-------------|------------|--|--|--|
| <b>Bar</b> | <b>5</b>  | <b>5.25</b> | <b>5.5</b> | <b>5.75</b> | <b>6</b>  | <b>6.25</b> | <b>6.5</b> | <b>6.75</b> | <b>7</b>   |  |  |  |
| <b>Psi</b> | <b>73</b> | <b>76</b>   | <b>80</b>  | <b>83</b>   | <b>87</b> | <b>91</b>   | <b>94</b>  | <b>98</b>   | <b>102</b> |  |  |  |

|                                  |                  |                 |                 |                 |                 |                 |                 |                 |                 |  |  |  |
|----------------------------------|------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|--|--|--|
| <b>Machine - Use ( kg - lbs)</b> | <b>TRANSPORT</b> |                 |                 |                 |                 |                 |                 |                 |                 |  |  |  |
| <b>STANDARD</b>                  | 57000<br>125685  | 59000<br>130095 | 61000<br>134505 | 63000<br>138915 | 65000<br>143325 | 67000<br>147735 | 69000<br>152145 | 71000<br>156555 | 73000<br>160965 |  |  |  |

| COMMERCIAL DESCRIPTION                        | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch  | R'<br>mm inch | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims             |
|-----------------------------------------------|-----------------|-----------------------------|-----------------------------|--------------|---------------|---------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------------------|
| <b>XDR250 B E4R **</b><br>50/80 R 57 Tubeless | 274589<br>50281 | 24<br>14.9                  | 1286<br>881                 | 1204<br>47.4 | 3610<br>142.1 | 1586<br>62.4  | 10791<br>424.8 | 94<br>118.4            | 1420<br>55.9            | 6150<br>1624.8       | 32.00/6.0 [5.2]                                 | 29.00/6.0 [5.2]<br>29.00/6.0 [5.7]<br>32.00/6.0 [4.8] |

|            |           |            |           |            |            |            |            |  |  |  |  |  |
|------------|-----------|------------|-----------|------------|------------|------------|------------|--|--|--|--|--|
| <b>Bar</b> | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>6.5</b> | <b>7</b>   | <b>7.5</b> | <b>8</b>   |  |  |  |  |  |
| <b>Psi</b> | <b>73</b> | <b>80</b>  | <b>87</b> | <b>94</b>  | <b>102</b> | <b>109</b> | <b>116</b> |  |  |  |  |  |

|                                  |                  |                 |                 |                 |                 |                 |                 |  |  |  |  |  |
|----------------------------------|------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|--|--|--|--|--|
| <b>Machine - Use ( kg - lbs)</b> | <b>TRANSPORT</b> |                 |                 |                 |                 |                 |                 |  |  |  |  |  |
| <b>STANDARD</b>                  | 55000<br>121275  | 59000<br>130095 | 63000<br>138915 | 67000<br>147735 | 69000<br>152145 | 71000<br>156555 | 73000<br>160965 |  |  |  |  |  |

| COMMERCIAL DESCRIPTION                         | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch  | R'<br>mm inch | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims             |
|------------------------------------------------|-----------------|-----------------------------|-----------------------------|--------------|---------------|---------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------------------|
| <b>XDR250 B4 E4R **</b><br>50/80 R 57 Tubeless | 371742<br>50070 | 20<br>12.4                  | 1072<br>734                 | 1204<br>47.4 | 3610<br>142.1 | 1586<br>62.4  | 10791<br>424.8 | 94<br>118.4            | 1420<br>55.9            | 6150<br>1624.8       | 32.00/6.0 [5.2]                                 | 29.00/6.0 [5.2]<br>29.00/6.0 [5.7]<br>32.00/6.0 [4.8] |

|            |           |            |           |            |            |            |            |  |  |  |  |  |
|------------|-----------|------------|-----------|------------|------------|------------|------------|--|--|--|--|--|
| <b>Bar</b> | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>6.5</b> | <b>7</b>   | <b>7.5</b> | <b>8</b>   |  |  |  |  |  |
| <b>Psi</b> | <b>73</b> | <b>80</b>  | <b>87</b> | <b>94</b>  | <b>102</b> | <b>109</b> | <b>116</b> |  |  |  |  |  |

|                                  |                  |                 |                 |                 |                 |                 |                 |  |  |  |  |  |
|----------------------------------|------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|--|--|--|--|--|
| <b>Machine - Use ( kg - lbs)</b> | <b>TRANSPORT</b> |                 |                 |                 |                 |                 |                 |  |  |  |  |  |
| <b>STANDARD</b>                  | 55000<br>121275  | 59000<br>130095 | 63000<br>138915 | 67000<br>147735 | 69000<br>152145 | 71000<br>156555 | 73000<br>160965 |  |  |  |  |  |

| COMMERCIAL DESCRIPTION                          | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch  | R'<br>mm inch | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims             |
|-------------------------------------------------|-----------------|-----------------------------|-----------------------------|--------------|---------------|---------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------------------|
| <b>XDR250+ MB E4R **</b><br>50/80 R 57 Tubeless | 264071<br>21579 | 24<br>14.9                  | 1286<br>881                 | 1204<br>47.4 | 3610<br>142.1 | 1579<br>62.2  | 10773<br>424.1 | 94<br>118.4            | 1420<br>55.9            | 6150<br>1624.8       | 32.00/6.0 [5.2]                                 | 29.00/6.0 [5.2]<br>29.00/6.0 [5.7]<br>32.00/6.0 [4.8] |

|            |           |             |            |             |           |             |            |             |            |  |  |  |
|------------|-----------|-------------|------------|-------------|-----------|-------------|------------|-------------|------------|--|--|--|
| <b>Bar</b> | <b>5</b>  | <b>5.25</b> | <b>5.5</b> | <b>5.75</b> | <b>6</b>  | <b>6.25</b> | <b>6.5</b> | <b>6.75</b> | <b>7</b>   |  |  |  |
| <b>Psi</b> | <b>73</b> | <b>76</b>   | <b>80</b>  | <b>83</b>   | <b>87</b> | <b>91</b>   | <b>94</b>  | <b>98</b>   | <b>102</b> |  |  |  |

|                                  |                  |                 |                 |                 |                 |                 |                 |                 |                 |  |  |  |
|----------------------------------|------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|--|--|--|
| <b>Machine - Use ( kg - lbs)</b> | <b>TRANSPORT</b> |                 |                 |                 |                 |                 |                 |                 |                 |  |  |  |
| <b>STANDARD</b>                  | 57000<br>125685  | 59000<br>130095 | 61000<br>134505 | 63000<br>138915 | 65000<br>143325 | 67000<br>147735 | 69000<br>152145 | 71000<br>156555 | 73000<br>160965 |  |  |  |

| COMMERCIAL DESCRIPTION                           | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch  | R'<br>mm inch | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims             |
|--------------------------------------------------|-----------------|-----------------------------|-----------------------------|--------------|---------------|---------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------------------|
| <b>XDR250+ MB4 E4R **</b><br>50/80 R 57 Tubeless | 238454<br>21579 | 20<br>12.4                  | 1072<br>734                 | 1204<br>47.4 | 3610<br>142.1 | 1579<br>62.2  | 10773<br>424.1 | 94<br>118.4            | 1420<br>55.9            | 6150<br>1624.8       | 32.00/6.0 [5.2]                                 | 29.00/6.0 [5.2]<br>29.00/6.0 [5.7]<br>32.00/6.0 [4.8] |

|            |           |             |            |             |           |             |            |             |            |  |  |  |
|------------|-----------|-------------|------------|-------------|-----------|-------------|------------|-------------|------------|--|--|--|
| <b>Bar</b> | <b>5</b>  | <b>5.25</b> | <b>5.5</b> | <b>5.75</b> | <b>6</b>  | <b>6.25</b> | <b>6.5</b> | <b>6.75</b> | <b>7</b>   |  |  |  |
| <b>Psi</b> | <b>73</b> | <b>76</b>   | <b>80</b>  | <b>83</b>   | <b>87</b> | <b>91</b>   | <b>94</b>  | <b>98</b>   | <b>102</b> |  |  |  |

|                                  |                  |                 |                 |                 |                 |                 |                 |                 |                 |  |  |  |
|----------------------------------|------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|--|--|--|
| <b>Machine - Use ( kg - lbs)</b> | <b>TRANSPORT</b> |                 |                 |                 |                 |                 |                 |                 |                 |  |  |  |
| <b>STANDARD</b>                  | 57000<br>125685  | 59000<br>130095 | 61000<br>134505 | 63000<br>138915 | 65000<br>143325 | 67000<br>147735 | 69000<br>152145 | 71000<br>156555 | 73000<br>160965 |  |  |  |

| COMMERCIAL DESCRIPTION                              | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims             |
|-----------------------------------------------------|-----------------|-----------------------------|-----------------------------|--------------|--------------|---------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------------------|
| <b>XDR4 SPEED+ MD E4R **</b><br>50/80 R 57 Tubeless | 841338<br>14855 | 34<br>21.1                  | 1822<br>1248                | 1197<br>47.1 | 3607<br>142  | 1582<br>62.3  | 10776<br>424.3 | 85<br>107.1            | 1420<br>55.9            | 6350<br>1677.7       | 32.00/6.0 [5.2]                                 | 29.00/6.0 [5.2]<br>29.00/6.0 [5.7]<br>32.00/6.0 [4.8] |

|            |           |             |            |             |           |             |            |             |            |  |  |  |
|------------|-----------|-------------|------------|-------------|-----------|-------------|------------|-------------|------------|--|--|--|
| <b>Bar</b> | <b>5</b>  | <b>5.25</b> | <b>5.5</b> | <b>5.75</b> | <b>6</b>  | <b>6.25</b> | <b>6.5</b> | <b>6.75</b> | <b>7</b>   |  |  |  |
| <b>Psi</b> | <b>73</b> | <b>76</b>   | <b>80</b>  | <b>83</b>   | <b>87</b> | <b>91</b>   | <b>94</b>  | <b>98</b>   | <b>102</b> |  |  |  |

|                                  |                  |                 |                 |                 |                 |                 |                 |                 |                 |  |  |  |
|----------------------------------|------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|--|--|--|
| <b>Machine - Use ( kg - lbs)</b> | <b>TRANSPORT</b> |                 |                 |                 |                 |                 |                 |                 |                 |  |  |  |
| <b>STANDARD</b>                  | 57000<br>125685  | 59000<br>130095 | 61000<br>134505 | 63000<br>138915 | 65000<br>143325 | 67000<br>147735 | 69000<br>152145 | 71000<br>156555 | 73000<br>160965 |  |  |  |

### TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI

| COMMERCIAL DESCRIPTION                             | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch | R'<br>mm inch | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims             |
|----------------------------------------------------|-----------------|-----------------------------|-----------------------------|--------------|--------------|---------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------------------|
| <b>XDR4 SPEED MC E4R **</b><br>50/80 R 57 Tubeless | 398033<br>68251 | 30<br>18.6                  | 1608<br>1101                | 1197<br>47.1 | 3607<br>142  | 1582<br>62.3  | 10776<br>424.3 | 85<br>107.1            | 1420<br>55.9            | 6350<br>1677.7       | 32.00/6.0 [5.2]                                 | 29.00/6.0 [5.2]<br>29.00/6.0 [5.7]<br>32.00/6.0 [4.8] |

|            |           |             |            |             |           |             |            |             |            |  |  |  |
|------------|-----------|-------------|------------|-------------|-----------|-------------|------------|-------------|------------|--|--|--|
| <b>Bar</b> | <b>5</b>  | <b>5.25</b> | <b>5.5</b> | <b>5.75</b> | <b>6</b>  | <b>6.25</b> | <b>6.5</b> | <b>6.75</b> | <b>7</b>   |  |  |  |
| <b>Psi</b> | <b>73</b> | <b>76</b>   | <b>80</b>  | <b>83</b>   | <b>87</b> | <b>91</b>   | <b>94</b>  | <b>98</b>   | <b>102</b> |  |  |  |

|                           |                  |                 |                 |                 |                 |                 |                 |                 |                 |  |  |  |
|---------------------------|------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|--|--|--|
| Machine - Use ( kg - lbs) | <b>TRANSPORT</b> |                 |                 |                 |                 |                 |                 |                 |                 |  |  |  |
| <b>STANDARD</b>           | 57000<br>125685  | 59000<br>130095 | 61000<br>134505 | 63000<br>138915 | 65000<br>143325 | 67000<br>147735 | 69000<br>152145 | 71000<br>156555 | 73000<br>160965 |  |  |  |

| COMMERCIAL DESCRIPTION                          | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch  | R'<br>mm inch | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|-------------------------------------------------|-----------------|-----------------------------|-----------------------------|--------------|---------------|---------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XMINE D2 LC L5R *</b><br>55/80 R 57 Tubeless | 594400<br>13267 | 10<br>6.2                   |                             | 1430<br>56.3 | 3740<br>147.2 | 1636<br>64.4  | 11161<br>439.4 | 119<br>149.9           |                         | 7967<br>2104.9       | 44.00/5.0                                       | 42.00/5.0                                 |

|            |           |            |           |            |           |            |            |  |  |  |  |  |
|------------|-----------|------------|-----------|------------|-----------|------------|------------|--|--|--|--|--|
| <b>Bar</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>6.5</b> | <b>7</b>   |  |  |  |  |  |
| <b>Psi</b> | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  | <b>87</b> | <b>94</b>  | <b>102</b> |  |  |  |  |  |

|                           |                 |                 |                 |                 |                 |                  |                  |  |  |  |  |  |
|---------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|------------------|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>LOADERS</b>  |                 |                 |                 |                 |                  |                  |  |  |  |  |  |
| <b>FRONT LADEN</b>        | 75000<br>165375 | 80000<br>176400 | 85000<br>187425 | 90000<br>198450 | 95000<br>209475 | 100000<br>220500 | 105000<br>231525 |  |  |  |  |  |
| <b>REAR UNLADEN</b>       | 60000<br>132300 | 64000<br>141120 | 68000<br>149940 | 72000<br>158760 | 76000<br>167580 | 80000<br>176400  | 84000<br>185220  |  |  |  |  |  |

| COMMERCIAL DESCRIPTION                          | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch  | R'<br>mm inch | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|-------------------------------------------------|-----------------|-----------------------------|-----------------------------|--------------|---------------|---------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XMINE D2 SR L5R *</b><br>55/80 R 57 Tubeless | 635563<br>18939 | 6<br>3.7                    |                             | 1430<br>56.3 | 3740<br>147.2 | 1636<br>64.4  | 11161<br>439.4 | 119<br>149.9           |                         | 7967<br>2104.9       | 44.00/5.0                                       | 42.00/5.0                                 |

|            |           |            |           |            |           |            |            |  |  |  |  |  |
|------------|-----------|------------|-----------|------------|-----------|------------|------------|--|--|--|--|--|
| <b>Bar</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>6.5</b> | <b>7</b>   |  |  |  |  |  |
| <b>Psi</b> | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  | <b>87</b> | <b>94</b>  | <b>102</b> |  |  |  |  |  |

|                           |                 |                 |                 |                 |                 |                  |                  |  |  |  |  |  |
|---------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|------------------|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>LOADERS</b>  |                 |                 |                 |                 |                  |                  |  |  |  |  |  |
| <b>FRONT LADEN</b>        | 75000<br>165375 | 80000<br>176400 | 85000<br>187425 | 90000<br>198450 | 95000<br>209475 | 100000<br>220500 | 105000<br>231525 |  |  |  |  |  |
| <b>REAR UNLADEN</b>       | 60000<br>132300 | 64000<br>141120 | 68000<br>149940 | 72000<br>158760 | 76000<br>167580 | 80000<br>176400  | 84000<br>185220  |  |  |  |  |  |

| COMMERCIAL DESCRIPTION                          | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch  | R'<br>mm inch | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|-------------------------------------------------|-----------------|-----------------------------|-----------------------------|--------------|---------------|---------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XMINE D2 HR L5R *</b><br>55/80 R 57 Tubeless | 817367<br>07695 | 6<br>3.7                    |                             | 1430<br>56.3 | 3740<br>147.2 | 1636<br>64.4  | 11161<br>439.4 | 119<br>149.9           |                         | 7967<br>2104.9       | 44.00/5.0                                       | 42.00/5.0                                 |

|            |           |            |           |            |           |            |            |  |  |  |  |  |
|------------|-----------|------------|-----------|------------|-----------|------------|------------|--|--|--|--|--|
| <b>Bar</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>6.5</b> | <b>7</b>   |  |  |  |  |  |
| <b>Psi</b> | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  | <b>87</b> | <b>94</b>  | <b>102</b> |  |  |  |  |  |

|                           |                 |                 |                 |                 |                 |                  |                  |  |  |  |  |  |
|---------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|------------------|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>LOADERS</b>  |                 |                 |                 |                 |                  |                  |  |  |  |  |  |
| <b>FRONT LADEN</b>        | 75000<br>165375 | 80000<br>176400 | 85000<br>187425 | 90000<br>198450 | 95000<br>209475 | 100000<br>220500 | 105000<br>231525 |  |  |  |  |  |
| <b>REAR UNLADEN</b>       | 60000<br>132300 | 64000<br>141120 | 68000<br>149940 | 72000<br>158760 | 76000<br>167580 | 80000<br>176400  | 84000<br>185220  |  |  |  |  |  |

| COMMERCIAL DESCRIPTION                        | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch  | R'<br>mm inch | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|-----------------------------------------------|-----------------|-----------------------------|-----------------------------|--------------|---------------|---------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XDR3 MC4 E4R **</b><br>50/90 R 57 Tubeless | 650162<br>09945 | 28<br>17.4                  | 1747<br>1197                | 1272<br>50.1 | 3822<br>150.5 | 1701<br>67    | 11513<br>453.3 | 98<br>123.5            | 1506<br>59.3            | 7520<br>1986.8       | 32.00/6.5                                       | 32.00/6.0<br>34.00/6.0<br>34.00/6.5       |

|            |           |            |           |            |           |            |            |            |  |  |  |  |
|------------|-----------|------------|-----------|------------|-----------|------------|------------|------------|--|--|--|--|
| <b>Bar</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>6.5</b> | <b>7</b>   | <b>7.5</b> |  |  |  |  |
| <b>Psi</b> | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  | <b>87</b> | <b>94</b>  | <b>102</b> | <b>109</b> |  |  |  |  |

|                           |                  |                 |                 |                 |                 |                 |                 |                 |  |  |  |  |
|---------------------------|------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>TRANSPORT</b> |                 |                 |                 |                 |                 |                 |                 |  |  |  |  |
| <b>STANDARD</b>           | 57800<br>127449  | 62750<br>138364 | 67700<br>149279 | 72650<br>160193 | 75320<br>166081 | 78000<br>171990 | 80660<br>177855 | 83320<br>183721 |  |  |  |  |

### TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI

| COMMERCIAL DESCRIPTION                       | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch  | R'<br>mm inch | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|----------------------------------------------|-----------------|-----------------------------|-----------------------------|--------------|---------------|---------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XDR3 MB E4R **</b><br>50/90 R 57 Tubeless | 744229<br>45751 | 24<br>14.9                  | 1498<br>1026                | 1272<br>50.1 | 3822<br>150.5 | 1701<br>67    | 11513<br>453.3 | 98<br>123.5            | 1506<br>59.3            | 7520<br>1986.8       | 32.00/6.5                                       | 32.00/6.0<br>34.00/6.0<br>34.00/6.5       |

|            |           |            |           |            |           |            |            |            |  |  |  |  |
|------------|-----------|------------|-----------|------------|-----------|------------|------------|------------|--|--|--|--|
| <b>Bar</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>6.5</b> | <b>7</b>   | <b>7.5</b> |  |  |  |  |
| <b>Psi</b> | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  | <b>87</b> | <b>94</b>  | <b>102</b> | <b>109</b> |  |  |  |  |

|                           |                  |                 |                 |                 |                 |                 |                 |                 |  |  |  |  |
|---------------------------|------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>TRANSPORT</b> |                 |                 |                 |                 |                 |                 |                 |  |  |  |  |
| <b>STANDARD</b>           | 57800<br>127449  | 62750<br>138364 | 67700<br>149279 | 72650<br>160193 | 75320<br>166081 | 78000<br>171990 | 80660<br>177855 | 83320<br>183721 |  |  |  |  |

| COMMERCIAL DESCRIPTION                        | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch  | R'<br>mm inch | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|-----------------------------------------------|-----------------|-----------------------------|-----------------------------|--------------|---------------|---------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XDR3 MB4 E4R **</b><br>50/90 R 57 Tubeless | 283806<br>39092 | 20<br>12.4                  | 1248<br>855                 | 1272<br>50.1 | 3822<br>150.5 | 1701<br>67    | 11513<br>453.3 | 98<br>123.5            | 1506<br>59.3            | 7520<br>1986.8       | 32.00/6.5                                       | 32.00/6.0<br>34.00/6.0<br>34.00/6.5       |

|            |           |            |           |            |           |            |            |            |  |  |  |  |
|------------|-----------|------------|-----------|------------|-----------|------------|------------|------------|--|--|--|--|
| <b>Bar</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>6.5</b> | <b>7</b>   | <b>7.5</b> |  |  |  |  |
| <b>Psi</b> | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  | <b>87</b> | <b>94</b>  | <b>102</b> | <b>109</b> |  |  |  |  |

|                           |                  |                 |                 |                 |                 |                 |                 |                 |  |  |  |  |
|---------------------------|------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>TRANSPORT</b> |                 |                 |                 |                 |                 |                 |                 |  |  |  |  |
| <b>STANDARD</b>           | 57800<br>127449  | 62750<br>138364 | 67700<br>149279 | 72650<br>160193 | 75320<br>166081 | 78000<br>171990 | 80660<br>177855 | 83320<br>183721 |  |  |  |  |

| COMMERCIAL DESCRIPTION                         | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch  | R'<br>mm inch | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|------------------------------------------------|-----------------|-----------------------------|-----------------------------|--------------|---------------|---------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XDR3 + MB E4R **</b><br>50/90 R 57 Tubeless | 078316<br>78907 | 24<br>14.9                  | 1498<br>1026                | 1255<br>49.4 | 3822<br>150.5 | 1675<br>65.9  | 11414<br>449.4 | 98<br>123.5            | 1506<br>59.3            | 7520<br>1986.8       | 32.00/6.5                                       | 32.00/6.0<br>34.00/6.0<br>34.00/6.5       |

|            |           |            |           |            |           |            |            |            |  |  |  |  |
|------------|-----------|------------|-----------|------------|-----------|------------|------------|------------|--|--|--|--|
| <b>Bar</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>6.5</b> | <b>7</b>   | <b>7.5</b> |  |  |  |  |
| <b>Psi</b> | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  | <b>87</b> | <b>94</b>  | <b>102</b> | <b>109</b> |  |  |  |  |

|                           |                  |                 |                 |                 |                 |                 |                 |                 |  |  |  |  |
|---------------------------|------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>TRANSPORT</b> |                 |                 |                 |                 |                 |                 |                 |  |  |  |  |
| <b>STANDARD</b>           | 57800<br>127449  | 62750<br>138364 | 67700<br>149279 | 72650<br>160193 | 75320<br>166081 | 78000<br>171990 | 80660<br>177855 | 83320<br>183721 |  |  |  |  |

| COMMERCIAL DESCRIPTION                          | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch  | R'<br>mm inch | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|-------------------------------------------------|-----------------|-----------------------------|-----------------------------|--------------|---------------|---------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XDR3 + MB4 E4R **</b><br>50/90 R 57 Tubeless | 704562<br>84040 | 20<br>12.4                  | 1248<br>855                 | 1255<br>49.4 | 3822<br>150.5 | 1675<br>65.9  | 11414<br>449.4 | 98<br>123.5            | 1506<br>59.3            | 7520<br>1986.8       | 32.00/6.5                                       | 32.00/6.0<br>34.00/6.0<br>34.00/6.5       |

|            |           |            |           |            |           |            |            |            |  |  |  |  |
|------------|-----------|------------|-----------|------------|-----------|------------|------------|------------|--|--|--|--|
| <b>Bar</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>6.5</b> | <b>7</b>   | <b>7.5</b> |  |  |  |  |
| <b>Psi</b> | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  | <b>87</b> | <b>94</b>  | <b>102</b> | <b>109</b> |  |  |  |  |

|                           |                  |                 |                 |                 |                 |                 |                 |                 |  |  |  |  |
|---------------------------|------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>TRANSPORT</b> |                 |                 |                 |                 |                 |                 |                 |  |  |  |  |
| <b>STANDARD</b>           | 57800<br>127449  | 62750<br>138364 | 67700<br>149279 | 72650<br>160193 | 75320<br>166081 | 78000<br>171990 | 80660<br>177855 | 83320<br>183721 |  |  |  |  |

| COMMERCIAL DESCRIPTION                           | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch  | R'<br>mm inch | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|--------------------------------------------------|-----------------|-----------------------------|-----------------------------|--------------|---------------|---------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XMRINE D2 SR L5R *</b><br>60/80 R 57 Tubeless | 964380<br>31145 | 6<br>3.7                    |                             | 1520<br>59.8 | 3949<br>155.5 | 1713<br>67.4  | 11750<br>462.6 | 118<br>148.7           |                         | 10022<br>2647.8      | 47.00/5.0                                       |                                           |

|            |           |            |           |            |           |            |            |  |  |  |  |  |
|------------|-----------|------------|-----------|------------|-----------|------------|------------|--|--|--|--|--|
| <b>Bar</b> | <b>4</b>  | <b>4.5</b> | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>6.5</b> | <b>7</b>   |  |  |  |  |  |
| <b>Psi</b> | <b>58</b> | <b>65</b>  | <b>73</b> | <b>80</b>  | <b>87</b> | <b>94</b>  | <b>102</b> |  |  |  |  |  |

|                           |                 |                 |                 |                 |                  |                  |                  |  |  |  |  |  |
|---------------------------|-----------------|-----------------|-----------------|-----------------|------------------|------------------|------------------|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>LOADERS</b>  |                 |                 |                 |                  |                  |                  |  |  |  |  |  |
| <b>FRONT LADEN</b>        | 75000<br>165375 | 83000<br>183015 | 91000<br>200655 | 99000<br>218295 | 107000<br>235935 | 115000<br>253575 | 123000<br>271215 |  |  |  |  |  |
| <b>REAR UNLADEN</b>       | 60000<br>132300 | 66400<br>146412 | 72800<br>160524 | 79200<br>174636 | 85600<br>188748  | 92000<br>202860  | 98400<br>216972  |  |  |  |  |  |



### TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI

| COMMERCIAL DESCRIPTION                                 | CAI MSPN               | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch        | D<br>mm inch         | R'<br>mm inch       | RC<br>mm inch         | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon   | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|--------------------------------------------------------|------------------------|----------------------------|-----------------------------|---------------------|----------------------|---------------------|-----------------------|------------------------|-------------------------|------------------------|-------------------------------------------------|-------------------------------------------|
| <b>XMINE D2 HR L5R *</b><br><b>60/80 R 57 Tubeless</b> | <b>114447</b><br>09011 | <b>6</b><br>3.7            |                             | <b>1520</b><br>59.8 | <b>3949</b><br>155.5 | <b>1713</b><br>67.4 | <b>11750</b><br>462.6 | <b>118</b><br>148.7    |                         | <b>10022</b><br>2647.8 | <b>47.00/5.0</b>                                |                                           |

|            |           |            |  |           |            |           |            |            |  |  |  |  |
|------------|-----------|------------|--|-----------|------------|-----------|------------|------------|--|--|--|--|
| <b>Bar</b> | <b>4</b>  | <b>4.5</b> |  | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>6.5</b> | <b>7</b>   |  |  |  |  |
| <b>Psi</b> | <b>58</b> | <b>65</b>  |  | <b>73</b> | <b>80</b>  | <b>87</b> | <b>94</b>  | <b>102</b> |  |  |  |  |

|                           |                        |                        |  |                        |                        |                         |                         |                         |  |  |  |  |
|---------------------------|------------------------|------------------------|--|------------------------|------------------------|-------------------------|-------------------------|-------------------------|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>LOADERS</b>         |                        |  |                        |                        |                         |                         |                         |  |  |  |  |
| <b>FRONT LADEN</b>        | <b>75000</b><br>165375 | <b>83000</b><br>183015 |  | <b>91000</b><br>200655 | <b>99000</b><br>218295 | <b>107000</b><br>235935 | <b>115000</b><br>253575 | <b>123000</b><br>271215 |  |  |  |  |
| <b>REAR UNLADEN</b>       | <b>60000</b><br>132300 | <b>66400</b><br>146412 |  | <b>72800</b><br>160524 | <b>79200</b><br>174636 | <b>85600</b><br>188748  | <b>92000</b><br>202860  | <b>98400</b><br>216972  |  |  |  |  |

### 63"

| COMMERCIAL DESCRIPTION                              | CAI MSPN               | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch        | D<br>mm inch         | R'<br>mm inch       | RC<br>mm inch         | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon  | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims                              |
|-----------------------------------------------------|------------------------|----------------------------|-----------------------------|---------------------|----------------------|---------------------|-----------------------|------------------------|-------------------------|-----------------------|-------------------------------------------------|------------------------------------------------------------------------|
| <b>XDR3 MC E4R **</b><br><b>53/80 R 63 Tubeless</b> | <b>709804</b><br>99718 | <b>30</b><br>18.6          | <b>1980</b><br>1356         | <b>1359</b><br>53.5 | <b>3804</b><br>149.8 | <b>1648</b><br>64.9 | <b>11312</b><br>445.4 | <b>110</b><br>138.6    | <b>1637</b><br>64.4     | <b>7590</b><br>2005.3 | <b>36.00/5.0 [5.5]</b>                          | <b>36.00/5.0 [5]</b><br><b>38.00/5.0 [5.5]</b><br><b>38.00/5.0 [5]</b> |

|            |            |           |  |             |            |             |           |             |            |             |            |
|------------|------------|-----------|--|-------------|------------|-------------|-----------|-------------|------------|-------------|------------|
| <b>Bar</b> | <b>4.5</b> | <b>5</b>  |  | <b>5.25</b> | <b>5.5</b> | <b>5.75</b> | <b>6</b>  | <b>6.25</b> | <b>6.5</b> | <b>6.75</b> | <b>7</b>   |
| <b>Psi</b> | <b>65</b>  | <b>73</b> |  | <b>76</b>   | <b>80</b>  | <b>83</b>   | <b>87</b> | <b>91</b>   | <b>94</b>  | <b>98</b>   | <b>102</b> |

| Machine - Use ( kg - lbs) | TRANSPORT |        |        |        |        |        |        |        |        |        |
|---------------------------|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| STANDARD                  | 67000     | 71000  | 75000  | 77500  | 80000  | 82500  | 83750  | 85010  | 86820  | 88275  |
|                           | 147735    | 156555 | 165375 | 170888 | 176400 | 181913 | 184669 | 187447 | 191438 | 194646 |

| COMMERCIAL DESCRIPTION                               | CAI MSPN               | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch        | D<br>mm inch         | R'<br>mm inch       | RC<br>mm inch         | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon  | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims                              |
|------------------------------------------------------|------------------------|----------------------------|-----------------------------|---------------------|----------------------|---------------------|-----------------------|------------------------|-------------------------|-----------------------|-------------------------------------------------|------------------------------------------------------------------------|
| <b>XDR3 MC4 E4R **</b><br><b>53/80 R 63 Tubeless</b> | <b>031154</b><br>06229 | <b>28</b><br>17.4          | <b>1848</b><br>1266         | <b>1359</b><br>53.5 | <b>3804</b><br>149.8 | <b>1648</b><br>64.9 | <b>11312</b><br>445.4 | <b>110</b><br>138.6    | <b>1637</b><br>64.4     | <b>7590</b><br>2005.3 | <b>36.00/5.0 [5.5]</b>                          | <b>36.00/5.0 [5]</b><br><b>38.00/5.0 [5.5]</b><br><b>38.00/5.0 [5]</b> |

|            |            |           |  |             |            |             |           |             |            |             |            |
|------------|------------|-----------|--|-------------|------------|-------------|-----------|-------------|------------|-------------|------------|
| <b>Bar</b> | <b>4.5</b> | <b>5</b>  |  | <b>5.25</b> | <b>5.5</b> | <b>5.75</b> | <b>6</b>  | <b>6.25</b> | <b>6.5</b> | <b>6.75</b> | <b>7</b>   |
| <b>Psi</b> | <b>65</b>  | <b>73</b> |  | <b>76</b>   | <b>80</b>  | <b>83</b>   | <b>87</b> | <b>91</b>   | <b>94</b>  | <b>98</b>   | <b>102</b> |

| Machine - Use ( kg - lbs) | TRANSPORT |        |        |        |        |        |        |        |        |        |
|---------------------------|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| STANDARD                  | 67000     | 71000  | 75000  | 77500  | 80000  | 82500  | 83750  | 85010  | 86820  | 88275  |
|                           | 147735    | 156555 | 165375 | 170888 | 176400 | 181913 | 184669 | 187447 | 191438 | 194646 |

| COMMERCIAL DESCRIPTION                              | CAI MSPN               | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch        | D<br>mm inch         | R'<br>mm inch       | RC<br>mm inch         | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon  | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims                              |
|-----------------------------------------------------|------------------------|----------------------------|-----------------------------|---------------------|----------------------|---------------------|-----------------------|------------------------|-------------------------|-----------------------|-------------------------------------------------|------------------------------------------------------------------------|
| <b>XDR3 MB E4R **</b><br><b>53/80 R 63 Tubeless</b> | <b>302446</b><br>26004 | <b>24</b><br>14.9          | <b>1584</b><br>1085         | <b>1359</b><br>53.5 | <b>3804</b><br>149.8 | <b>1648</b><br>64.9 | <b>11312</b><br>445.4 | <b>110</b><br>138.6    | <b>1637</b><br>64.4     | <b>7590</b><br>2005.3 | <b>36.00/5.0 [5.5]</b>                          | <b>36.00/5.0 [5]</b><br><b>38.00/5.0 [5.5]</b><br><b>38.00/5.0 [5]</b> |

|            |            |           |  |             |            |             |           |             |            |             |            |
|------------|------------|-----------|--|-------------|------------|-------------|-----------|-------------|------------|-------------|------------|
| <b>Bar</b> | <b>4.5</b> | <b>5</b>  |  | <b>5.25</b> | <b>5.5</b> | <b>5.75</b> | <b>6</b>  | <b>6.25</b> | <b>6.5</b> | <b>6.75</b> | <b>7</b>   |
| <b>Psi</b> | <b>65</b>  | <b>73</b> |  | <b>76</b>   | <b>80</b>  | <b>83</b>   | <b>87</b> | <b>91</b>   | <b>94</b>  | <b>98</b>   | <b>102</b> |

| Machine - Use ( kg - lbs) | TRANSPORT |        |        |        |        |        |        |        |        |        |
|---------------------------|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| STANDARD                  | 67000     | 71000  | 75000  | 77500  | 80000  | 82500  | 83750  | 85010  | 86820  | 88275  |
|                           | 147735    | 156555 | 165375 | 170888 | 176400 | 181913 | 184669 | 187447 | 191438 | 194646 |

| COMMERCIAL DESCRIPTION                               | CAI MSPN               | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch        | D<br>mm inch         | R'<br>mm inch       | RC<br>mm inch         | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon  | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims                              |
|------------------------------------------------------|------------------------|----------------------------|-----------------------------|---------------------|----------------------|---------------------|-----------------------|------------------------|-------------------------|-----------------------|-------------------------------------------------|------------------------------------------------------------------------|
| <b>XDR3 MB4 E4R **</b><br><b>53/80 R 63 Tubeless</b> | <b>176236</b><br>05149 | <b>20</b><br>12.4          | <b>1320</b><br>904          | <b>1359</b><br>53.5 | <b>3804</b><br>149.8 | <b>1648</b><br>64.9 | <b>11312</b><br>445.4 | <b>110</b><br>138.6    | <b>1637</b><br>64.4     | <b>7590</b><br>2005.3 | <b>36.00/5.0 [5.5]</b>                          | <b>36.00/5.0 [5]</b><br><b>38.00/5.0 [5.5]</b><br><b>38.00/5.0 [5]</b> |

|            |            |           |  |             |            |             |           |             |            |             |            |
|------------|------------|-----------|--|-------------|------------|-------------|-----------|-------------|------------|-------------|------------|
| <b>Bar</b> | <b>4.5</b> | <b>5</b>  |  | <b>5.25</b> | <b>5.5</b> | <b>5.75</b> | <b>6</b>  | <b>6.25</b> | <b>6.5</b> | <b>6.75</b> | <b>7</b>   |
| <b>Psi</b> | <b>65</b>  | <b>73</b> |  | <b>76</b>   | <b>80</b>  | <b>83</b>   | <b>87</b> | <b>91</b>   | <b>94</b>  | <b>98</b>   | <b>102</b> |

| Machine - Use ( kg - lbs) | TRANSPORT |        |        |        |        |        |        |        |        |        |
|---------------------------|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| STANDARD                  | 67000     | 71000  | 75000  | 77500  | 80000  | 82500  | 83750  | 85010  | 86820  | 88275  |
|                           | 147735    | 156555 | 165375 | 170888 | 176400 | 181913 | 184669 | 187447 | 191438 | 194646 |

### TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI

| COMMERCIAL DESCRIPTION                                   | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch  | R'<br>mm inch | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims         |
|----------------------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|---------------|---------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|---------------------------------------------------|
| <b>XDR3 EXTRA LOAD MC E4R ***</b><br>53/80 R 63 Tubeless | 812927<br>17699 | 30<br>18.6                 | 2280<br>1562                | 1357<br>53.4 | 3806<br>149.8 | 1661<br>65.4  | 11349<br>446.8 | 110<br>138.6           | 1637<br>64.4            | 7590<br>2005.3       | 36.00/5.0 [5.5]                                 | 36.00/5.0 [5]<br>38.00/5.0 [5.5]<br>38.00/5.0 [5] |

|            |          |             |            |
|------------|----------|-------------|------------|
| <b>Bar</b> | <b>7</b> | <b>7.25</b> | <b>7.5</b> |
| <b>Psi</b> | 102      | 105         | 109        |

|                          |                  |                 |                 |  |  |  |  |  |  |  |  |  |
|--------------------------|------------------|-----------------|-----------------|--|--|--|--|--|--|--|--|--|
| Machine - Use (kg - lbs) | <b>TRANSPORT</b> |                 |                 |  |  |  |  |  |  |  |  |  |
| <b>STANDARD</b>          | 90000<br>198450  | 92500<br>203963 | 95000<br>209475 |  |  |  |  |  |  |  |  |  |

| COMMERCIAL DESCRIPTION                                    | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch  | R'<br>mm inch | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims         |
|-----------------------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|---------------|---------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|---------------------------------------------------|
| <b>XDR3 EXTRA LOAD MC4 E4R ***</b><br>53/80 R 63 Tubeless | 781925<br>81977 | 28<br>17.4                 | 2128<br>1458                | 1357<br>53.4 | 3806<br>149.8 | 1661<br>65.4  | 11349<br>446.8 | 110<br>138.6           | 1637<br>64.4            | 7590<br>2005.3       | 36.00/5.0 [5.5]                                 | 36.00/5.0 [5]<br>38.00/5.0 [5.5]<br>38.00/5.0 [5] |

|            |          |             |            |
|------------|----------|-------------|------------|
| <b>Bar</b> | <b>7</b> | <b>7.25</b> | <b>7.5</b> |
| <b>Psi</b> | 102      | 105         | 109        |

|                          |                  |                 |                 |  |  |  |  |  |  |  |  |  |
|--------------------------|------------------|-----------------|-----------------|--|--|--|--|--|--|--|--|--|
| Machine - Use (kg - lbs) | <b>TRANSPORT</b> |                 |                 |  |  |  |  |  |  |  |  |  |
| <b>STANDARD</b>          | 90000<br>198450  | 92500<br>203963 | 95000<br>209475 |  |  |  |  |  |  |  |  |  |

| COMMERCIAL DESCRIPTION                                   | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch  | R'<br>mm inch | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims         |
|----------------------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|---------------|---------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|---------------------------------------------------|
| <b>XDR3 EXTRA LOAD MB E4R ***</b><br>53/80 R 63 Tubeless | 664323<br>17762 | 24<br>14.9                 | 1824<br>1249                | 1357<br>53.4 | 3806<br>149.8 | 1661<br>65.4  | 11349<br>446.8 | 110<br>138.6           | 1637<br>64.4            | 7590<br>2005.3       | 36.00/5.0 [5.5]                                 | 36.00/5.0 [5]<br>38.00/5.0 [5.5]<br>38.00/5.0 [5] |

|            |          |             |            |
|------------|----------|-------------|------------|
| <b>Bar</b> | <b>7</b> | <b>7.25</b> | <b>7.5</b> |
| <b>Psi</b> | 102      | 105         | 109        |

|                          |                  |                 |                 |  |  |  |  |  |  |  |  |  |
|--------------------------|------------------|-----------------|-----------------|--|--|--|--|--|--|--|--|--|
| Machine - Use (kg - lbs) | <b>TRANSPORT</b> |                 |                 |  |  |  |  |  |  |  |  |  |
| <b>STANDARD</b>          | 90000<br>198450  | 92500<br>203963 | 95000<br>209475 |  |  |  |  |  |  |  |  |  |

| COMMERCIAL DESCRIPTION                                    | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch  | R'<br>mm inch | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims         |
|-----------------------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|---------------|---------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|---------------------------------------------------|
| <b>XDR3 EXTRA LOAD MB4 E4R ***</b><br>53/80 R 63 Tubeless | 637745<br>68989 | 20<br>12.4                 | 1520<br>1041                | 1357<br>53.4 | 3806<br>149.8 | 1661<br>65.4  | 11349<br>446.8 | 110<br>138.6           | 1637<br>64.4            | 7590<br>2005.3       | 36.00/5.0 [5.5]                                 | 36.00/5.0 [5]<br>38.00/5.0 [5.5]<br>38.00/5.0 [5] |

|            |          |             |            |
|------------|----------|-------------|------------|
| <b>Bar</b> | <b>7</b> | <b>7.25</b> | <b>7.5</b> |
| <b>Psi</b> | 102      | 105         | 109        |

|                          |                  |                 |                 |  |  |  |  |  |  |  |  |  |
|--------------------------|------------------|-----------------|-----------------|--|--|--|--|--|--|--|--|--|
| Machine - Use (kg - lbs) | <b>TRANSPORT</b> |                 |                 |  |  |  |  |  |  |  |  |  |
| <b>STANDARD</b>          | 90000<br>198450  | 92500<br>203963 | 95000<br>209475 |  |  |  |  |  |  |  |  |  |

| COMMERCIAL DESCRIPTION                         | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch  | R'<br>mm inch | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims         |
|------------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|---------------|---------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|---------------------------------------------------|
| <b>XDR3+ MB4 E4R **</b><br>53/80 R 63 Tubeless | 221719<br>00582 | 20<br>12.4                 | 1320<br>904                 | 1359<br>53.5 | 3804<br>149.8 | 1648<br>64.9  | 11312<br>445.4 | 110<br>138.6           | 1637<br>64.4            | 7590<br>2005.3       | 36.00/5.0 [5.5]                                 | 36.00/5.0 [5]<br>38.00/5.0 [5.5]<br>38.00/5.0 [5] |

|            |            |          |             |            |             |          |             |            |             |          |
|------------|------------|----------|-------------|------------|-------------|----------|-------------|------------|-------------|----------|
| <b>Bar</b> | <b>4.5</b> | <b>5</b> | <b>5.25</b> | <b>5.5</b> | <b>5.75</b> | <b>6</b> | <b>6.25</b> | <b>6.5</b> | <b>6.75</b> | <b>7</b> |
| <b>Psi</b> | 65         | 73       | 76          | 80         | 83          | 87       | 91          | 94         | 98          | 102      |

|                          |                  |                 |                 |                 |                 |                 |                 |                 |                 |                 |  |  |
|--------------------------|------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|--|--|
| Machine - Use (kg - lbs) | <b>TRANSPORT</b> |                 |                 |                 |                 |                 |                 |                 |                 |                 |  |  |
| <b>STANDARD</b>          | 67000<br>147735  | 71000<br>156555 | 75000<br>165375 | 77500<br>170888 | 80000<br>176400 | 82500<br>181913 | 83750<br>184669 | 85010<br>187447 | 86820<br>191438 | 88275<br>194646 |  |  |

| COMMERCIAL DESCRIPTION                                     | CAI MSPN        | Max. dist./hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch  | R'<br>mm inch | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims         |
|------------------------------------------------------------|-----------------|----------------------------|-----------------------------|--------------|---------------|---------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|---------------------------------------------------|
| <b>XDR3+ EXTRA LOAD MB4 E4R ***</b><br>53/80 R 63 Tubeless | 509797<br>06252 | 20<br>12.4                 | 1520<br>1041                | 1357<br>53.4 | 3806<br>149.8 | 1661<br>65.4  | 11349<br>446.8 | 110<br>138.6           | 1637<br>64.4            | 7590<br>2005.3       | 36.00/5.0 [5.5]                                 | 36.00/5.0 [5]<br>38.00/5.0 [5.5]<br>38.00/5.0 [5] |

|            |          |             |            |
|------------|----------|-------------|------------|
| <b>Bar</b> | <b>7</b> | <b>7.25</b> | <b>7.5</b> |
| <b>Psi</b> | 102      | 105         | 109        |

|                          |                  |                 |                 |  |  |  |  |  |  |  |  |  |
|--------------------------|------------------|-----------------|-----------------|--|--|--|--|--|--|--|--|--|
| Machine - Use (kg - lbs) | <b>TRANSPORT</b> |                 |                 |  |  |  |  |  |  |  |  |  |
| <b>STANDARD</b>          | 90000<br>198450  | 92500<br>203963 | 95000<br>209475 |  |  |  |  |  |  |  |  |  |

### TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI

| COMMERCIAL DESCRIPTION                               | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch  | R'<br>mm inch | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|------------------------------------------------------|-----------------|-----------------------------|-----------------------------|--------------|---------------|---------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XDR2 S C4 E3 **</b><br><b>59/80 R 63 Tubeless</b> | 416409<br>68652 | 32<br>19.9                  | 2535<br>1736                | 1495<br>58.9 | 4029<br>158.6 | 1734<br>68.3  | 11954<br>470.6 | 72<br>90.7             | 1834<br>72.2            | 10640<br>2811.1      | 44.00/5.0 [6.0]                                 | 44.00/5.0 [5.5]                           |

|            |           |            |            |
|------------|-----------|------------|------------|
| <b>Bar</b> | <b>6</b>  | <b>6.5</b> | <b>6.8</b> |
| <b>Psi</b> | <b>87</b> | <b>94</b>  | <b>99</b>  |

|                           |                  |                  |                  |  |  |  |  |  |  |  |  |  |
|---------------------------|------------------|------------------|------------------|--|--|--|--|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>TRANSPORT</b> |                  |                  |  |  |  |  |  |  |  |  |  |
| <b>STANDARD</b>           | 100000<br>220500 | 102100<br>225131 | 104000<br>229320 |  |  |  |  |  |  |  |  |  |

| COMMERCIAL DESCRIPTION                              | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch  | R'<br>mm inch | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|-----------------------------------------------------|-----------------|-----------------------------|-----------------------------|--------------|---------------|---------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XDR2 S B E3 **</b><br><b>59/80 R 63 Tubeless</b> | 532463<br>32399 | 28<br>17.4                  | 2218<br>1519                | 1495<br>58.9 | 4029<br>158.6 | 1734<br>68.3  | 11954<br>470.6 | 72<br>90.7             | 1834<br>72.2            | 10640<br>2811.1      | 44.00/5.0 [6.0]                                 | 44.00/5.0 [5.5]                           |

|            |           |            |            |
|------------|-----------|------------|------------|
| <b>Bar</b> | <b>6</b>  | <b>6.5</b> | <b>6.8</b> |
| <b>Psi</b> | <b>87</b> | <b>94</b>  | <b>99</b>  |

|                           |                  |                  |                  |  |  |  |  |  |  |  |  |  |
|---------------------------|------------------|------------------|------------------|--|--|--|--|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>TRANSPORT</b> |                  |                  |  |  |  |  |  |  |  |  |  |
| <b>STANDARD</b>           | 100000<br>220500 | 102100<br>225131 | 104000<br>229320 |  |  |  |  |  |  |  |  |  |

| COMMERCIAL DESCRIPTION                               | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch  | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|------------------------------------------------------|-----------------|-----------------------------|-----------------------------|--------------|---------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XDR3 MC4 E4R **</b><br><b>59/80 R 63 Tubeless</b> | 502804<br>83942 | 28<br>17.4                  | 2240<br>1534                | 1467<br>57.8 | 4030<br>158.7 |               |               | 110<br>138.6           | 1834<br>72.2            | 9840<br>2599.7       | 44.00/5.0 [6.0]                                 | 41.00/5.0 [5.5]                           |

|            |           |            |           |            |            |            |
|------------|-----------|------------|-----------|------------|------------|------------|
| <b>Bar</b> | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>6.5</b> | <b>6.7</b> | <b>6.8</b> |
| <b>Psi</b> | <b>73</b> | <b>80</b>  | <b>87</b> | <b>94</b>  | <b>97</b>  | <b>99</b>  |

|                           |                                        |                 |                 |                 |                  |  |  |  |  |  |  |  |
|---------------------------|----------------------------------------|-----------------|-----------------|-----------------|------------------|--|--|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>TRANSPORT LOAD PER TIRE 41" RIM</b> |                 |                 |                 |                  |  |  |  |  |  |  |  |
| <b>STANDARD</b>           | 82920<br>182839                        | 89460<br>197259 | 96000<br>211680 | 98900<br>218075 | 100000<br>220500 |  |  |  |  |  |  |  |

|                           |                                        |  |                  |                  |  |  |                  |  |  |  |  |  |
|---------------------------|----------------------------------------|--|------------------|------------------|--|--|------------------|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>TRANSPORT LOAD PER TIRE 44" RIM</b> |  |                  |                  |  |  |                  |  |  |  |  |  |
| <b>STANDARD</b>           |                                        |  | 100000<br>220500 | 102100<br>225131 |  |  | 104000<br>229320 |  |  |  |  |  |

| COMMERCIAL DESCRIPTION                              | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch  | R'<br>mm inch | RC<br>mm inch | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|-----------------------------------------------------|-----------------|-----------------------------|-----------------------------|--------------|---------------|---------------|---------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XDR3 MB E4R **</b><br><b>59/80 R 63 Tubeless</b> | 774172<br>20068 | 24<br>14.9                  | 1920<br>1315                | 1467<br>57.8 | 4030<br>158.7 |               |               | 110<br>138.6           | 1834<br>72.2            | 9840<br>2599.7       | 44.00/5.0 [6.0]                                 | 41.00/5.0 [5.5]                           |

|            |           |            |           |            |            |            |
|------------|-----------|------------|-----------|------------|------------|------------|
| <b>Bar</b> | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>6.5</b> | <b>6.7</b> | <b>6.8</b> |
| <b>Psi</b> | <b>73</b> | <b>80</b>  | <b>87</b> | <b>94</b>  | <b>97</b>  | <b>99</b>  |

|                           |                                        |                 |                 |                 |                  |  |  |  |  |  |  |  |
|---------------------------|----------------------------------------|-----------------|-----------------|-----------------|------------------|--|--|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>TRANSPORT LOAD PER TIRE 41" RIM</b> |                 |                 |                 |                  |  |  |  |  |  |  |  |
| <b>STANDARD</b>           | 82920<br>182839                        | 89460<br>197259 | 96000<br>211680 | 98900<br>218075 | 100000<br>220500 |  |  |  |  |  |  |  |

|                           |                                        |  |                  |                  |  |  |                  |  |  |  |  |  |
|---------------------------|----------------------------------------|--|------------------|------------------|--|--|------------------|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>TRANSPORT LOAD PER TIRE 44" RIM</b> |  |                  |                  |  |  |                  |  |  |  |  |  |
| <b>STANDARD</b>           |                                        |  | 100000<br>220500 | 102100<br>225131 |  |  | 104000<br>229320 |  |  |  |  |  |

| COMMERCIAL DESCRIPTION                               | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch  | R'<br>mm inch | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|------------------------------------------------------|-----------------|-----------------------------|-----------------------------|--------------|---------------|---------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XDR3 MB4 E4R **</b><br><b>59/80 R 63 Tubeless</b> | 430321<br>73530 | 20<br>12.4                  | 1600<br>1096                | 1467<br>57.8 | 4030<br>158.7 | 1742<br>68.6  | 11974<br>471.4 | 110<br>138.6           | 1834<br>72.2            | 9840<br>2599.7       | 44.00/5.0 [6.0]                                 | 41.00/5.0 [6.0]                           |

|            |           |            |           |            |            |            |
|------------|-----------|------------|-----------|------------|------------|------------|
| <b>Bar</b> | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>6.5</b> | <b>6.7</b> | <b>6.8</b> |
| <b>Psi</b> | <b>73</b> | <b>80</b>  | <b>87</b> | <b>94</b>  | <b>97</b>  | <b>99</b>  |

|                           |                                        |                 |                 |                 |                  |  |  |  |  |  |  |  |
|---------------------------|----------------------------------------|-----------------|-----------------|-----------------|------------------|--|--|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>TRANSPORT LOAD PER TIRE 41" RIM</b> |                 |                 |                 |                  |  |  |  |  |  |  |  |
| <b>STANDARD</b>           | 82920<br>182839                        | 89460<br>197259 | 96000<br>211680 | 98900<br>218075 | 100000<br>220500 |  |  |  |  |  |  |  |

|                           |                                        |  |                  |                  |  |  |                  |  |  |  |  |  |
|---------------------------|----------------------------------------|--|------------------|------------------|--|--|------------------|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>TRANSPORT LOAD PER TIRE 44" RIM</b> |  |                  |                  |  |  |                  |  |  |  |  |  |
| <b>STANDARD</b>           |                                        |  | 100000<br>220500 | 102100<br>225131 |  |  | 104000<br>229320 |  |  |  |  |  |

### TIRE LOAD IN KG/LB – TIRE PRESSURE IN BAR/PSI

| COMMERCIAL DESCRIPTION                                | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch  | R'<br>mm inch | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|-------------------------------------------------------|-----------------|-----------------------------|-----------------------------|--------------|---------------|---------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XDR3 + MB E4R **</b><br><b>59/80 R 63 Tubeless</b> | 535123<br>03414 | 24<br>14.9                  | 1920<br>1315                | 1467<br>57.8 | 4030<br>158.7 | 1742<br>68.6  | 11974<br>471.4 | 110<br>138.6           | 1834<br>72.2            | 9840<br>2599.7       | 44.00/5.0 [6.0]                                 | 41.00/5.0 [6.0]                           |

|            |           |            |           |            |            |            |  |  |  |  |  |  |
|------------|-----------|------------|-----------|------------|------------|------------|--|--|--|--|--|--|
| <b>Bar</b> | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>6.5</b> | <b>6.7</b> | <b>6.8</b> |  |  |  |  |  |  |
| <b>Psi</b> | <b>73</b> | <b>80</b>  | <b>87</b> | <b>94</b>  | <b>97</b>  | <b>99</b>  |  |  |  |  |  |  |

|                           |                                        |  |  |  |  |  |  |  |  |  |  |  |
|---------------------------|----------------------------------------|--|--|--|--|--|--|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>TRANSPORT LOAD PER TIRE 41" RIM</b> |  |  |  |  |  |  |  |  |  |  |  |
|---------------------------|----------------------------------------|--|--|--|--|--|--|--|--|--|--|--|

|                 |                 |                 |                 |                 |                  |  |  |  |  |  |  |  |
|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|--|--|--|--|--|--|--|
| <b>STANDARD</b> | 82920<br>182839 | 89460<br>197259 | 96000<br>211680 | 98900<br>218075 | 100000<br>220500 |  |  |  |  |  |  |  |
|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|--|--|--|--|--|--|--|

|                           |                                        |  |  |  |  |  |  |  |  |  |  |  |
|---------------------------|----------------------------------------|--|--|--|--|--|--|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>TRANSPORT LOAD PER TIRE 44" RIM</b> |  |  |  |  |  |  |  |  |  |  |  |
|---------------------------|----------------------------------------|--|--|--|--|--|--|--|--|--|--|--|

|                 |  |  |                  |                  |  |                  |  |  |  |  |  |  |
|-----------------|--|--|------------------|------------------|--|------------------|--|--|--|--|--|--|
| <b>STANDARD</b> |  |  | 100000<br>220500 | 102100<br>225131 |  | 104000<br>229320 |  |  |  |  |  |  |
|-----------------|--|--|------------------|------------------|--|------------------|--|--|--|--|--|--|

| COMMERCIAL DESCRIPTION                                 | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch  | R'<br>mm inch | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|--------------------------------------------------------|-----------------|-----------------------------|-----------------------------|--------------|---------------|---------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XDR3 + MB4 E4R **</b><br><b>59/80 R 63 Tubeless</b> | 417433<br>16577 | 20<br>12.4                  | 1600<br>1096                | 1467<br>57.8 | 4030<br>158.7 | 1742<br>68.6  | 11974<br>471.4 | 110<br>138.6           | 1834<br>72.2            | 9840<br>2599.7       | 44.00/5.0 [6.0]                                 | 41.00/5.0 [6.0]                           |

|            |           |            |           |            |            |            |  |  |  |  |  |  |
|------------|-----------|------------|-----------|------------|------------|------------|--|--|--|--|--|--|
| <b>Bar</b> | <b>5</b>  | <b>5.5</b> | <b>6</b>  | <b>6.5</b> | <b>6.7</b> | <b>6.8</b> |  |  |  |  |  |  |
| <b>Psi</b> | <b>73</b> | <b>80</b>  | <b>87</b> | <b>94</b>  | <b>97</b>  | <b>99</b>  |  |  |  |  |  |  |

|                           |                                        |  |  |  |  |  |  |  |  |  |  |  |
|---------------------------|----------------------------------------|--|--|--|--|--|--|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>TRANSPORT LOAD PER TIRE 41" RIM</b> |  |  |  |  |  |  |  |  |  |  |  |
|---------------------------|----------------------------------------|--|--|--|--|--|--|--|--|--|--|--|

|                 |                 |                 |                 |                 |                  |  |  |  |  |  |  |  |
|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|--|--|--|--|--|--|--|
| <b>STANDARD</b> | 82920<br>182839 | 89460<br>197259 | 96000<br>211680 | 98900<br>218075 | 100000<br>220500 |  |  |  |  |  |  |  |
|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|--|--|--|--|--|--|--|

|                           |                                        |  |  |  |  |  |  |  |  |  |  |  |
|---------------------------|----------------------------------------|--|--|--|--|--|--|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>TRANSPORT LOAD PER TIRE 44" RIM</b> |  |  |  |  |  |  |  |  |  |  |  |
|---------------------------|----------------------------------------|--|--|--|--|--|--|--|--|--|--|--|

|                 |  |  |                  |                  |  |                  |  |  |  |  |  |  |
|-----------------|--|--|------------------|------------------|--|------------------|--|--|--|--|--|--|
| <b>STANDARD</b> |  |  | 100000<br>220500 | 102100<br>225131 |  | 104000<br>229320 |  |  |  |  |  |  |
|-----------------|--|--|------------------|------------------|--|------------------|--|--|--|--|--|--|

| COMMERCIAL DESCRIPTION                                          | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch  | R'<br>mm inch | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|-----------------------------------------------------------------|-----------------|-----------------------------|-----------------------------|--------------|---------------|---------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XDR4 EXTRA LOAD MB E4R ***</b><br><b>59/80 R 63 Tubeless</b> | 265198<br>97806 | 24<br>14.9                  | 2208<br>1512                | 1495<br>58.9 | 4027<br>158.5 | 1737<br>68.4  | 11958<br>470.8 | 100<br>126             |                         | 10126<br>2675.3      | 44.00/5.0 [6.0]                                 | 44.00/5.0 [5.5]                           |

|            |            |             |            |  |  |  |  |  |  |  |  |  |
|------------|------------|-------------|------------|--|--|--|--|--|--|--|--|--|
| <b>Bar</b> | <b>7</b>   | <b>7.25</b> | <b>7.5</b> |  |  |  |  |  |  |  |  |  |
| <b>Psi</b> | <b>102</b> | <b>105</b>  | <b>109</b> |  |  |  |  |  |  |  |  |  |

|                           |                  |  |  |  |  |  |  |  |  |  |  |  |
|---------------------------|------------------|--|--|--|--|--|--|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>TRANSPORT</b> |  |  |  |  |  |  |  |  |  |  |  |
|---------------------------|------------------|--|--|--|--|--|--|--|--|--|--|--|

|                 |                  |                  |                  |  |  |  |  |  |  |  |  |  |
|-----------------|------------------|------------------|------------------|--|--|--|--|--|--|--|--|--|
| <b>STANDARD</b> | 109000<br>240345 | 112000<br>246960 | 115000<br>253575 |  |  |  |  |  |  |  |  |  |
|-----------------|------------------|------------------|------------------|--|--|--|--|--|--|--|--|--|

| COMMERCIAL DESCRIPTION                                           | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch  | R'<br>mm inch | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|------------------------------------------------------------------|-----------------|-----------------------------|-----------------------------|--------------|---------------|---------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XDR4 EXTRA LOAD MB4 E4R ***</b><br><b>59/80 R 63 Tubeless</b> | 233050<br>17772 | 20<br>12.4                  | 1840<br>1260                | 1495<br>58.9 | 4027<br>158.5 | 1737<br>68.4  | 11958<br>470.8 | 100<br>126             |                         | 10126<br>2675.3      | 44.00/5.0 [6.0]                                 | 44.00/5.0 [5.5]                           |

|            |            |             |            |  |  |  |  |  |  |  |  |  |
|------------|------------|-------------|------------|--|--|--|--|--|--|--|--|--|
| <b>Bar</b> | <b>7</b>   | <b>7.25</b> | <b>7.5</b> |  |  |  |  |  |  |  |  |  |
| <b>Psi</b> | <b>102</b> | <b>105</b>  | <b>109</b> |  |  |  |  |  |  |  |  |  |

|                           |                  |  |  |  |  |  |  |  |  |  |  |  |
|---------------------------|------------------|--|--|--|--|--|--|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>TRANSPORT</b> |  |  |  |  |  |  |  |  |  |  |  |
|---------------------------|------------------|--|--|--|--|--|--|--|--|--|--|--|

|                 |                  |                  |                  |  |  |  |  |  |  |  |  |  |
|-----------------|------------------|------------------|------------------|--|--|--|--|--|--|--|--|--|
| <b>STANDARD</b> | 109000<br>240345 | 112000<br>246960 | 115000<br>253575 |  |  |  |  |  |  |  |  |  |
|-----------------|------------------|------------------|------------------|--|--|--|--|--|--|--|--|--|

| COMMERCIAL DESCRIPTION                                           | CAI MSPN        | Max. dist./ hour<br>km mile | TKPH <sup>(1)</sup><br>TMPH | e<br>mm inch | D<br>mm inch  | R'<br>mm inch | RC<br>mm inch  | Tread depth<br>mm 32rd | Dual Spacing<br>mm inch | Cap.<br>liter gallon | Measuring <sup>(2) (3)</sup><br>Recommended Rim | Other Approved <sup>(2) (3)</sup><br>Rims |
|------------------------------------------------------------------|-----------------|-----------------------------|-----------------------------|--------------|---------------|---------------|----------------|------------------------|-------------------------|----------------------|-------------------------------------------------|-------------------------------------------|
| <b>XDR4 EXTRA LOAD MC4 E4R ***</b><br><b>59/80 R 63 Tubeless</b> | 320785<br>06838 | 28<br>17.4                  | 2576<br>1765                | 1495<br>58.9 | 4027<br>158.5 | 1737<br>68.4  | 11958<br>470.8 | 100<br>126             |                         | 10126<br>2675.3      | 44.00/5.0 [6.0]                                 | 44.00/5.0 [5.5]                           |

|            |            |             |            |  |  |  |  |  |  |  |  |  |
|------------|------------|-------------|------------|--|--|--|--|--|--|--|--|--|
| <b>Bar</b> | <b>7</b>   | <b>7.25</b> | <b>7.5</b> |  |  |  |  |  |  |  |  |  |
| <b>Psi</b> | <b>102</b> | <b>105</b>  | <b>109</b> |  |  |  |  |  |  |  |  |  |

|                           |                  |  |  |  |  |  |  |  |  |  |  |  |
|---------------------------|------------------|--|--|--|--|--|--|--|--|--|--|--|
| Machine - Use ( kg - lbs) | <b>TRANSPORT</b> |  |  |  |  |  |  |  |  |  |  |  |
|---------------------------|------------------|--|--|--|--|--|--|--|--|--|--|--|

|                 |                  |                  |                  |  |  |  |  |  |  |  |  |  |
|-----------------|------------------|------------------|------------------|--|--|--|--|--|--|--|--|--|
| <b>STANDARD</b> | 109000<br>240345 | 112000<br>246960 | 115000<br>253575 |  |  |  |  |  |  |  |  |  |
|-----------------|------------------|------------------|------------------|--|--|--|--|--|--|--|--|--|

# MICHELIN TECHNICAL DATA

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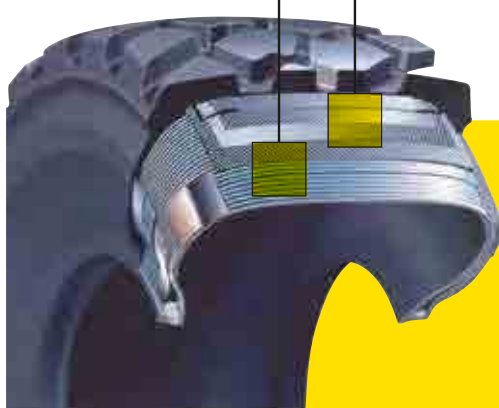
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### COMPARISON BETWEEN BIAS AND RADIAL TIRES

#### THE MICHELIN® X® RADIAL



The casing has only one Radial ply.

The crown is stabilized by several plies.

**The sidewall and tread function separately.**

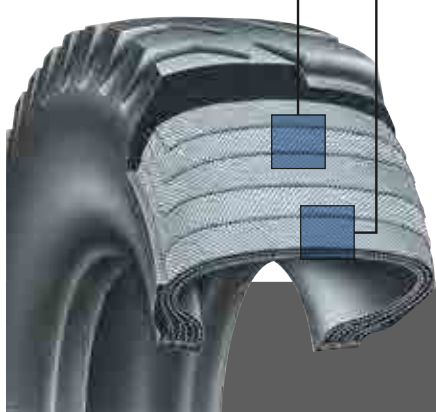
The tread is unaffected by the flexing of the sidewalls, so there is:

- Less deformation of the tire contact area on the ground
- Less movement in tread contact area
- No movement between casing plies

**Advantages:**

- Long tire life
- Outstanding traction on all types of surface
- Lower fuel consumption due to lower rolling resistance
- Improved comfort
- Increased resistance to punctures/flats
- Increased resistance to heating
- Protects property and persons

#### BIAS OR CROSS-PLY CONSTRUCTION



The casing is made up of several criss-crossed plies.

The crown is not stabilized.

**The crown and sidewalls are formed by the same ply structure.**

The tread is affected by flexing of the sidewalls, resulting in:

- Deformation of the tire contact area on the ground
- Movement in the tread contact area.

The casing plies tend to "scissor" in relation to each other

**Disadvantages:**

- Accelerated wear
- Less grip
- Increased fuel consumption

## **ADVICE AND RECOMMENDATIONS ON THE USE OF MICHELIN EARTHMOVER TIRES**

*The following information is extracted from the Use and Maintenance Guide of MICHELIN® Earthmover Tires. For more details, visit our website [www.michelinearthmover.com](http://www.michelinearthmover.com) or contact your Michelin® Representative.*



The tire is the only point of contact between the machine and the ground. Users must ensure that they preserve the life and performance of their tires. To do so, it is recommended that users adhere to the following safety instructions and usage recommendations. These recommendations are subject to more restrictive local provisions: legal, regulatory requirements, etc.

### **CHOICE OF TIRE**

The choice of a tire must be compliant with legislation and with equipment recommended by the vehicle or tire manufacturer or by an official organization (size, load and speed indices, tire structures, etc.).

Additionally, it is necessary to take into account the conditions in which the tire will be used in order to ensure its performance can meet the user's expectations. The type of tread pattern depends mainly on conditions of use encountered: adherence, risk of cuts, rapid wear. The optimum performance of equipment depends largely on the choice of tire.

The use of a tread pattern or a tread pattern inappropriate for the work leads to a sharp reduction in the tire's life and may affect vehicle productivity.

In the event of the original vehicle equipment being modified, it is advisable to make sure that the solution

offered is compliant with the legislation in force, the machine's technical constraints, conditions of use and the manufacturer's recommendations. Please refer to regulations in force in the local country.

Before being fitted, any secondhand or used tire must be subjected to careful inspection by a specialist tire professional in order to guarantee the safety of the user and compliance with the regulations in force (Vehicle Checks and Maintenance).

### **USE OF TIRES**

#### **GENERAL RECOMMENDATIONS**

Never use the tire beyond the limits of the technical specifications for which it has been approved on the machines.

Certain excessive or abnormal geometrical settings for the machines may have a negative effect on the tire's performance.

Poor use or wrong choice of tire can also contribute to premature wearing of certain mechanical parts.

According to the current legislation and/or to the technical or safety recommendations, both tires on the same axle must be identical.

#### **DUAL MOUNTING**

For technical and safety reasons, you must adhere to the recommendations of the manufacturer of the machine.

We advise against the following mountings:

- Dual mounting of MICHELIN® Radial tires with cross-ply (bias) tires
- Dual mounting of a tire of normal tread depth with a deep-treaded tire
- Dual mounting of tires of the same type which have different remaining tread depths (some legislation sets a maximum differential)

# ADVICE AND RECOMMENDATIONS ON THE USE OF MICHELIN EARTHMOVER TIRES

## FITTING

### INTRODUCTION



Correct fitting, performed in accordance with recommended operating procedures and complying with the safety rules in force, ensures excellent protection for people and materials and allows the tires' full potential to be exploited.

Poor fitting can cause damage to the tires, the vehicle and/or cause serious injury or even death.

It is therefore essential that these operations are carried out by people who have been trained and who have the appropriate equipment available, and in accordance with the procedures.

We strongly recommend that tire fitting is undertaken by a trained tire professional with proper equipment.

Tube-type tires must be fitted with an appropriate flap and inner tube.

In all cases, it is essential to refer to the technical instructions of the tire manufacturer, vehicle manufacturer and wheel manufacturer, as well as the user manual for the tire-fitting machinery or equipment.

### GENERAL PRECAUTIONS

Operators must always wear appropriate protective equipment.

Operators must know recommended procedure.

Operators must ensure that the vehicle is stopped, secured (LOTO) and properly stabilized (parking brake engaged, blocks), and motor turned off.

### PRECAUTIONS FOR REMOVAL

#### a) When removing the vehicle wheel

If the tire is twin-fitted or if the rim shows evidence of damage, **the tires must be deflated prior** to removal of the whole fitment (remove the valve core). Failure to observe this could lead to accidents with very serious consequences. Comply with the manufacturers' recommendations and instructions when removing a tire.

#### b) When the tire is removed from the vehicle

Completely deflate the tire before any operation.

### PRECAUTIONS FOR FITTING

- Ensure that the wheel and its components are in good condition
- Verify the compatibility of the tire and the wheel (wheel authorized for the tire) and the pressure capacity of the wheel
- Adhere to the positions, direction of fitting, direction of rotation and any other instructions referred to on the tire sidewall.
- In the case of multi-piece wheels, replace the o-ring seal
- In the case of tubeless mounting
  - With a rubber valve, this must be systematically replaced
  - With metallic valves, check the air tightness and continue with the replacement of valve cores or seals if necessary
- After fitting the tire to the vehicle, a torque wrench must be used to achieve the optimal torque as specified by the machine manufacturer.

### PRECAUTIONS FOR INFLATING

Tire inflation is an essential factor, not only for optimization of tire performance but also in terms of SAFETY.

It is necessary for correct machine behavior (road holding and braking) as well as maintaining the tire's stability.

Only use inflation equipment intended for this purpose and fitted with a pressure limiter.

Everyone should be in the "Safety" zone (see diagram) during tire inflation. The red zone represents the area of greatest risk for being in the path of any potential discharge in the event of an incident.



\* A minimum distance of 6 meters or 20 feet is required from the valve to the safety zone indicated in the diagram.

# ADVICE AND RECOMMENDATIONS ON THE USE OF MICHELIN EARTHMOVER TIRES

## OPERATING PRESSURE

The inflation pressure must follow the manufacturer's recommended inflation pressure.

In the absence of real data used to determine the tire pressure (weighing results, driving conditions, etc.), the operating pressure should be given only by the Michelin Representative or by a qualified professional who is trained to take into account the working conditions of the tire (ground conditions, cycle lengths, transported materials, etc.).

Underinflation or overinflation can significantly affect tire performance.

Running underinflated causes an abnormal rise in temperature of the tire and can cause the degradation of its components. This degradation is irreversible and may lead to damage of the tire, causing rapid deflation. The consequences of running with insufficient pressure are not necessarily immediate and may appear even after rectification of the tire inflation pressure.

## STORAGE AND MAINTENANCE



Tires are rubber-based and are affected by conditions of storage and use.

Storage does not adversely affect the life of the tire, but it must be under specific conditions, limited in time, and as far as possible inside.

- In premises that are well-ventilated, dry and temperate, protected from direct sunlight and bad weather
- Away from any chemical substances, solvents or hydrocarbons likely to interfere with the nature of the rubber
- Away from any object that could penetrate the rubber (sharp metal, wood, etc.)
- Away from any source of heat, flame, incandescent object, material that could cause sparks or electrical discharges and any ozone sources (transformers, electric motors, soldering devices, etc.).

Poor handling of an unfitted tire can cause it to be irreparably damaged.

In order to eliminate the risk of bead damage and the problems which could result, we strongly advise that:

- 1 - The tire is not lifted directly by the bead with a crane hook.
- 2 - Flat straps are used (not steel slings or chains).
- 3 - The tire is lifted under the tread and not on the beads when a forklift truck with telescopic forks is used.

Moreover, accessories must be stored in their original packaging, on surfaces that do not present any danger of cutting, tearing or perforation.

In all cases, for the handling of tires and accessories, operators must

- Be equipped with protective clothing
- Observe the safety policies of the company
- Use suitable material/equipment for the job
- Not use instruments and/or equipment that may be harmful to tires

For more information, especially for terms and conditions of storage and height stacking of the tires, see Chapter 3 of the Use and Maintenance Guide.



# ADVICE AND RECOMMENDATIONS ON THE USE OF MICHELIN EARTHMOVER TIRES

## MACHINE CHECKS AND MAINTENANCE

### GENERAL RECOMMENDATIONS

Ensure that the machine is stationary and secured before any inspection.

Tires must be inspected regularly in order to detect any unusual wear and potential damage.

Wheel torque must be checked in accordance with the machine manufacturer's recommendations.

Any perforations, cuts or visible distortion of the tread, sidewalls or flange area must be the subject of a thorough examination of the tire by a tire professional. It is the same for any damage to the rim. In all circumstances, do not put a tire that exhibits damage back into operation, such as deformed bead or visible bead wire, separations between components, visible cable cords, damage from petroleum products or corrosive particles, marbling or abrasion of the interior rubber resulting from any running at insufficient pressure.

Each time the machine is inspected, check that the valve cap is in good condition. If in doubt, replace it.

### CHECKING FOR WEAR



Checking for wear must always be carried out at several points on the tire.

This check can be carried out using a tire depth gauge or by looking for signs of wear on the tread (noted on the sidewall by a symbol when present).

If the legal or technical limit for wear has been reached, the tire must be removed and replaced.

A tire professional should be consulted if there is abnormal wear or a difference in wear between two tires on the same axle.

### REPAIR

Not all damage can be repaired.

All repairs must be carried out by a trained and qualified tire professional.

A qualified tire professional should perform a detailed inspection of the tires before repairs can be made. A tire that has been run underinflated or flat



may have suffered irreversible damage and only an exhaustive check of the interior of the tire will enable a diagnosis of whether or not the tire can be put back into use.

Therefore, removal of the tire is essential in order to assess with certainty its actual condition and the type of repair required.

### PRESSURE

Given that a tire loses pressure naturally, it is necessary to adjust it periodically.

This check will enable any abnormal loss of pressure to be detected.

This check must be carried out on all the vehicle's tires.

A tire operated with insufficient pressure will undergo an abnormal rise in operating temperature, which can lead to irreversible damage of internal components and cause its complete destruction, to include rapid deflation of the tire. The consequences of running with insufficient inflation pressure are not necessarily immediate and may appear even after rectification.

Excessive pressure can cause rapid and irregular wear, resulting in increased susceptibility to impacts (tread damage, rupture of the casing, etc.).

It is recommended that tire pressures are checked when tires are cold. If they are checked after running, the tires are hot and pressure will not be accurate.

If pressure is checked when hot, the pressure should be readjusted according to the manufacturer's recommendations (consult your Michelin Representative).

Given that pressure increases with temperature, a hot tire must never be deflated.

Always respect the equality of pressure between dual tires.

Inflation with nitrogen is not an exemption from the need to check tire pressure regularly.

In all circumstances, adhere to the pressures recommended by the machine or tire manufacturers.





## **ADVICE AND RECOMMENDATIONS ON THE USE OF MICHELIN EARTHMOVER TIRES**

### **PRODUCT LIFE**

Tires are made from different types of materials and rubber-based components, whose properties are essential to the proper running of the tire itself. These properties evolve over time.

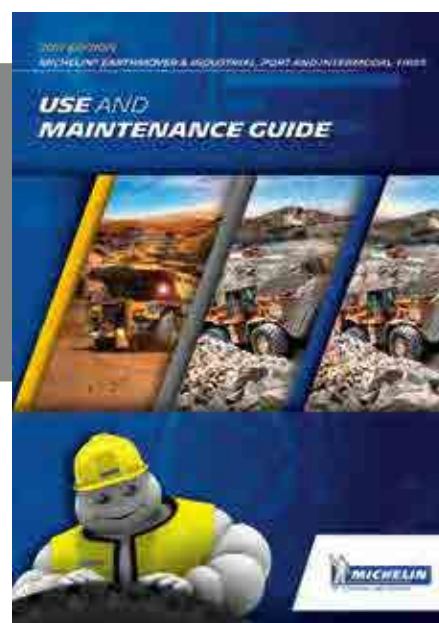
For each tire, this evolution depends on many factors, such as climate, storage conditions (temperature, humidity, position, etc.), and conditions of use (load, speed, inflation pressure, road damage, etc.) to which the tire is subjected during its working life.

These in-use conditions vary so much that it is impossible to predict the life of a tire with any accuracy. This is why, in addition to regular user checks, it is recommended to have the tires regularly checked by a qualified tire professional, who will determine whether the tire is fit to continue in operation.

Michelin may in no way be held responsible for damage that may occur as a result of use contrary to its instructions.

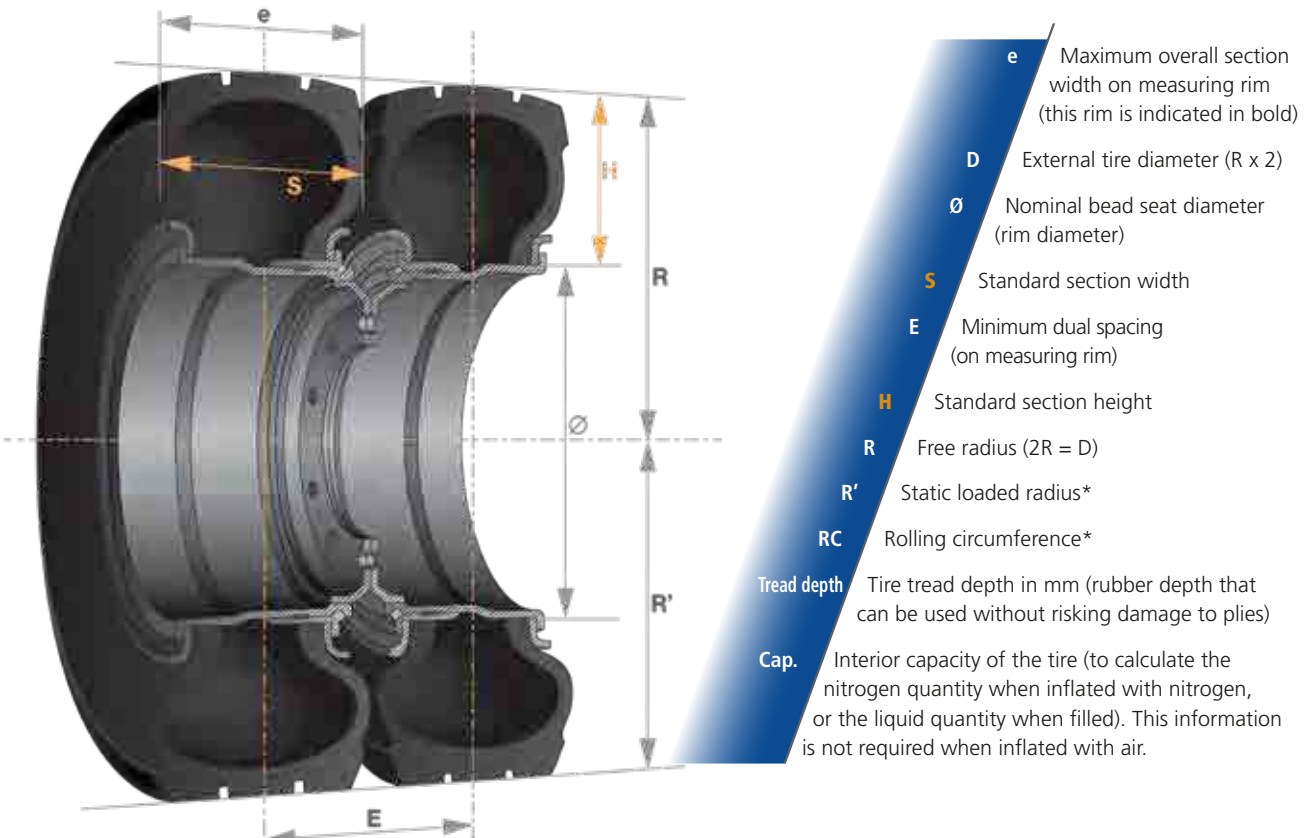
The preceding information is extracted  
from the **USE AND MAINTENANCE GUIDE  
FOR MICHELIN® EARTHMOVER TIRES.**

For more details, consult our website  
[www.michelinearthmover.com](http://www.michelinearthmover.com)  
OR YOUR MICHELIN REPRESENTATIVE.



### ADVICE AND RECOMMENDATIONS ON THE USE OF MICHELIN EARTHMOVER TIRES

#### EXPLANATION OF THE DIFFERENT MEASUREMENTS



\*Determined by the reference conditions.

The dimensional data given in tabular form in this publication (as indicated above) conforms to those of the European Standard (E.T.R.T.O.). They are given for information only and may change.

#### READING GUIDE FOR LOAD, PRESSURE AND USE TABLES

Remember: the correct pressure for the tire (on a site and for a job) depends on the working conditions and type of use.

In order to obtain optimum performance from the tire, it is advised that:

- The machine is weighed under working loads
- The maximum distance allowed per hour for the tire is not exceeded

The shaded box of pressure, load and use tables is the value defined by the industry standards. Up to this limit, the tire works in an optimal zone leading to a better balance of performance.

The use of MICHELIN® Earthmover tires outside the specification of pressure, load and use tables must have a prior technical validation given by your Michelin® Representative.

### CLASSIFICATION OF MICHELIN TIRES

#### ACCORDING TO THEIR ASPECT RATIO

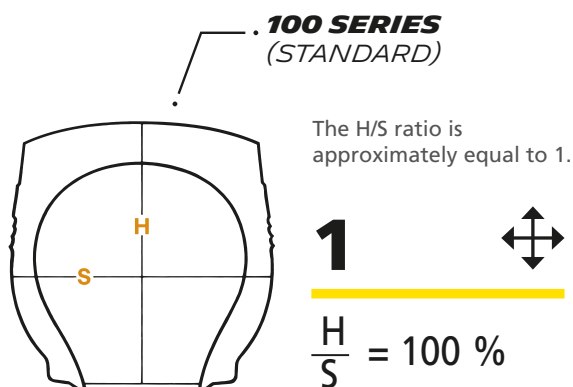
The wide diversity of earthmover machines and their uses requires the development of numerous ranges of tires.

Earthmover tires differ from those mounted on cars or commercial vehicles by:

- Their size and weight
- Their tread depths, which are proportionally greater
- More reinforcements to deal with the harsher conditions of use

There are several families of earthmover tires, characterized by their aspect ratio H/S (ratio in % between the height of the sidewall H and the section width of the tire S).

**H** = standard section height (see page 142) **S** = standard section width (see page 142)

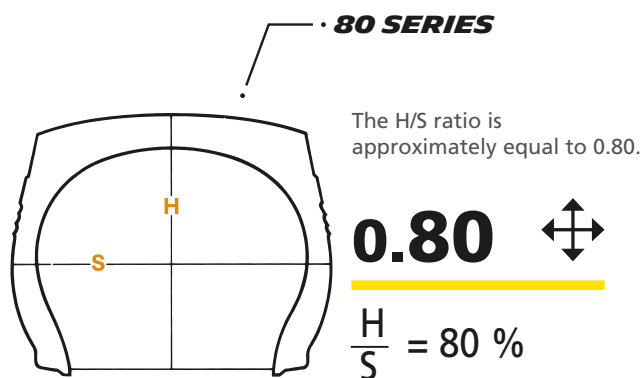


The section width is expressed in inches with two decimal places.

Examples: 18.00 R 33

Tires for rigid trucks, handling equipment, etc.

The aspect ratio is not indicated in the size designation.



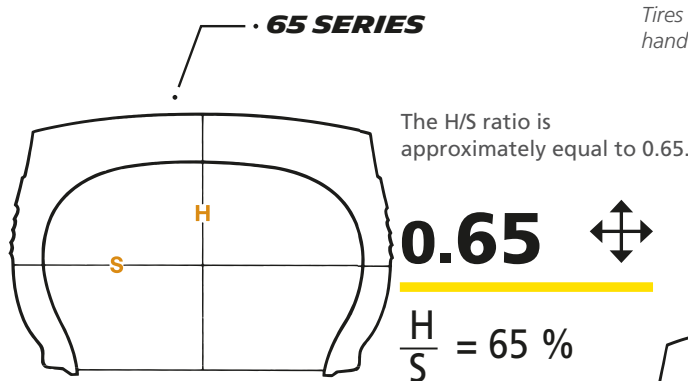
The section width is expressed in inches and fractions of an inch.

Examples: 8.25 R 15, 20.5 R 25

The aspect ratio is not indicated in the size designation or in inches followed by the number 80

Example: 59/80 R 63

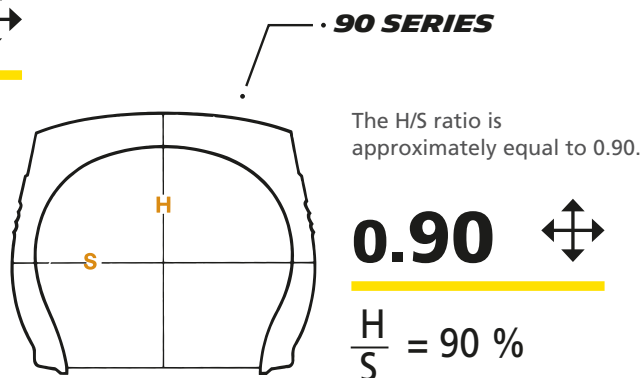
Tires for rigid trucks, articulated dumpers, loaders, handling equipment, etc.



The section width is expressed in inches or in millimeters, followed by the number 65.

Examples: 35/65 R 33, 750/65 R 25

Tires for large loaders, articulated trucks, etc.



The section width is expressed in inches followed by the number 90.

Example: 50/90 R 57

Tires for rigid trucks

Other series of tires are also available: 95 series, 75 series, etc.

### CLASSIFICATION OF MICHELIN TIRES

#### ACCORDING TO THE STANDARDIZED USAGE (ISO-ETRTO-TRA-JATMA\*)

The four main categories of earthmover tire are defined by their use. The category to which it belongs is indicated on the sidewall of the tire.

This is an international classification:

- C** Compactor
- G** Grader
- E** Earthmoving
- SH** Subterranean Haulage
- L** Loader and bulldozer

\* **ISO**: International Standard Organization  
**ETRTO**: European Tyre and Rim Technical Organization  
**TRA**: Tire and Rim Association  
**JATMA**: Japan Automobile Tire Manufacturers Association

Within these categories, there are different tread depths and special tread patterns, for very specific uses.

These are identified by a number.

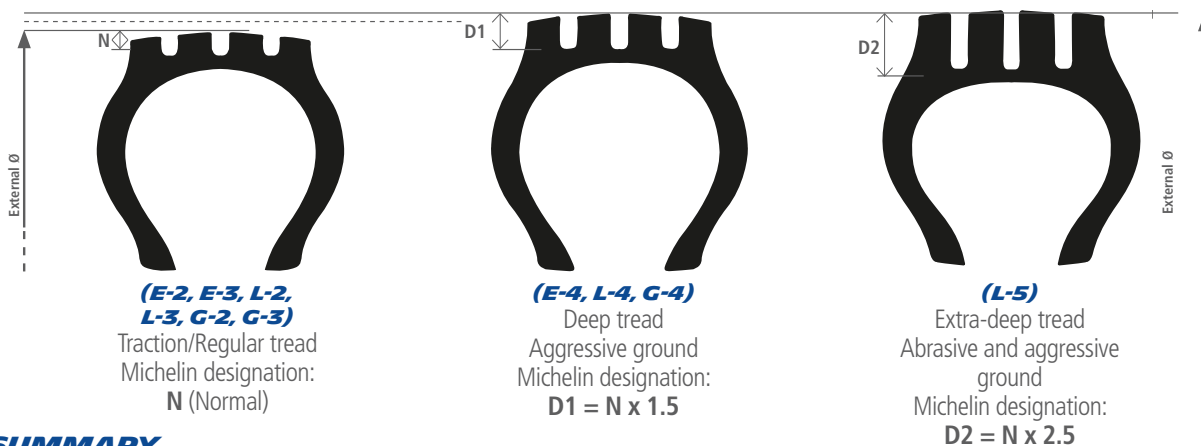
They must be chosen according to the type of ground and the tire's condition of use.

The letter "S" indicates a smooth tread; example: L-5S.

- 1** Ribbed (normal tread depth)
- 2** Traction (normal tread depth)
- 3** Normal (normal tread depth)
- 4** Deep Tread
- 5** Extra Deep Tread

#### ACCORDING TO THEIR TREAD DEPTHS

The tread depth **SUPER**, **D1**, **D2** is sometimes indicated on the sidewall tire.



#### SUMMARY

| CODE | TREAD PATTERN          | APPLICATION            |
|------|------------------------|------------------------|
| C-1  | SMOOTH                 | Compactor              |
| E-1  | RIBBED                 | Transport              |
| E-2  | TRACTION               |                        |
| E-3  | REGULAR TREAD          |                        |
| E-4  | DEEP TREAD             |                        |
| E-7  | FLOTATION              |                        |
| SH-3 | REGULAR TREAD          | Subterranean Transport |
| SH-4 | DEEP TREAD             |                        |
| G-1  | RIBBED                 | Grader                 |
| G-2  | TRACTION               |                        |
| G-3  | REGULAR TREAD          |                        |
| G-4  | DEEP TREAD             |                        |
| G-5  | VERY DEEP TREAD        |                        |
| L-2  | TRACTION               | Loader Bulldozer       |
| L-3  | REGULAR TREAD          |                        |
| L-4  | DEEP TREAD             |                        |
| L-5  | VERY DEEP TREAD        |                        |
| L-3S | SMOOTH REGULAR TREAD   |                        |
| L-4S | SMOOTH DEEP TREAD      |                        |
| L-5S | SMOOTH VERY DEEP TREAD |                        |

In addition, Michelin provides complementary identification to some earthmover tires:  
**T** = Traction, **R** = Rock, **V** = Speed, **F** = Flotation,  
**P** = Multi-purpose, **S/R** = Smooth/Rock  
 e.g.: L-3T Normal tread depth tire (L-3; Standardized identification code) where traction is needed

### TIRE MARKINGS

#### WHAT YOU CAN LEARN FROM THE SIDEWALL MARKING



**MICHELIN®**  
**X MINE® D2**

- 1 Nominal section width of the tire (in inches): 35
- 2 Tire series: aspect ratio = 0.65
- 3 Radial construction: R
- 4 Rim diameter (in inches): 33
- 5 Load index of the tire: \*\*
- 6 Type of use: loader (L) with deep tread (5)
- 7 Radial tire
- 8 Tire for loader
- 9 Tubeless tire
- 10 Manufacturer: Michelin
- 11 Tread pattern: X MINE D2



**MICHELIN®**  
**X-CRANE +®**

- Radial construction
- Nominal section width of the tire (in mm): 525
- Tire series: aspect ratio = 0.80
- Rim diameter (in inches): 25
- Tubeless
- Brand: Michelin
- Tread pattern: X-CRANE +
- 12 Load index of the tire: 170
- 13 Reference speed symbol of the tire: F
- 14 Regroovable



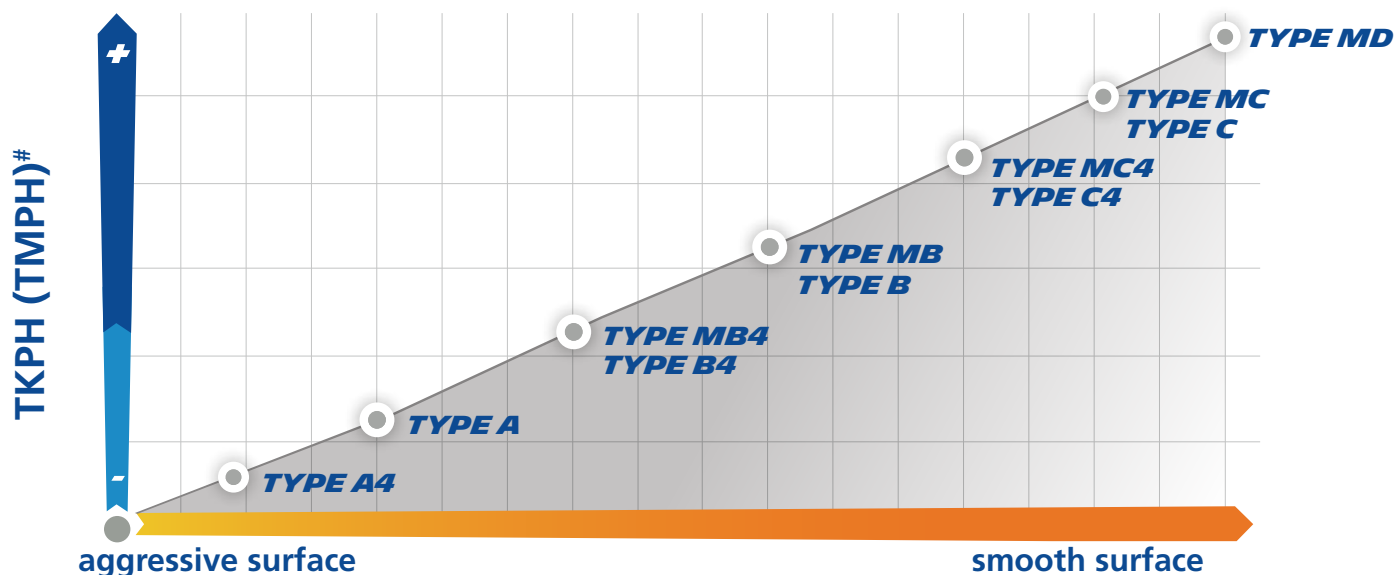
**MICHELIN®**  
**XDR® 2**

- Radial construction
- Nominal section width of the tire (in inches): 37
- Rim diameter (in inches): 57
- Tubeless
- Brand: Michelin
- 15 Tire compound: B4 (explanation page 147)
- Tread pattern: XDR 2
- Identification code: E4 (transport, deep tread)
- Load capacity: \*\*



## MICHELIN EARTHMOVER TIRE COMPOUNDS

|                      | TYPES      | DESCRIPTION                                                                                                            | TKPH (TMPH)# |
|----------------------|------------|------------------------------------------------------------------------------------------------------------------------|--------------|
| Aggression Resistant | <b>A4</b>  | Particularly resistant to cuts, tread tearing and abrasion on very rough surfaces                                      | Minimum      |
|                      | <b>A</b>   | Particularly resistant to cuts, tread tearing and abrasion at average speeds that are higher than those for A4 (above) | Low          |
| Standard             | <b>B4</b>  | Compromise solution between abrasion resistance and average speed on rough surfaces                                    | Moderate     |
|                      | <b>MB4</b> | Same as Type B4 but with a higher wear resistance                                                                      |              |
|                      | <b>B</b>   | Higher resistance to internal heat generation on surfaces that are not particularly rough                              | Average      |
|                      | <b>MB</b>  | Same as Type B but with a higher wear resistance                                                                       |              |
| Heat Resistant       | <b>C4</b>  | Adapted to running on long cycles at high speeds on well-maintained roads                                              | High         |
|                      | <b>MC4</b> | Same as Type C4 but with a higher wear resistance                                                                      |              |
|                      | <b>C</b>   | Very high resistance to high average speeds on long cycles run on well-maintained roads                                | Very High    |
|                      | <b>MC</b>  | Same as Type C but with a higher wear resistance                                                                       |              |
|                      | <b>MD</b>  | Maximum resistance to highest average speeds on long cycles run on well-maintained roads                               |              |



TKPH: Ton kilometer per hour  
 TMPH: Ton mile per hour  
 (#) see page 174



### LOAD INDEX–SPEED SYMBOL

Some tires bear a load index and a speed symbol.

#### LOAD INDEX (LI) AND MAXIMUM LOAD (KG/LB)

The *load index* is a numerical code which indicates the maximum load a tire can carry at the speed corresponding to its speed symbol, under specified conditions.

| LI           |      |      | LI           |      |       | LI           |       |       | LI           |       |        | LI           |        |        |
|--------------|------|------|--------------|------|-------|--------------|-------|-------|--------------|-------|--------|--------------|--------|--------|
| MAXIMUM LOAD |      |      | MAXIMUM LOAD |      |       | MAXIMUM LOAD |       |       | MAXIMUM LOAD |       |        | MAXIMUM LOAD |        |        |
| LI           | KG   | LB   | LI           | KG   | LB    | LI           | KG    | LB    | LI           | KG    | LB     | LI           | KG     | LB     |
| 120          | 1400 | 3080 | 154          | 3750 | 8250  | 188          | 10000 | 22000 | 222          | 26500 | 58400  | 256          | 71000  | 156500 |
| 121          | 1450 | 3200 | 155          | 3875 | 8550  | 189          | 10300 | 22700 | 223          | 27250 | 60000  | 257          | 73000  | 161000 |
| 122          | 1500 | 3300 | 156          | 4000 | 8800  | 190          | 10600 | 23400 | 224          | 28000 | 61500  | 258          | 75000  | 165500 |
| 123          | 1550 | 3420 | 157          | 4125 | 9100  | 191          | 10900 | 24000 | 225          | 29000 | 64000  | 259          | 77500  | 171000 |
| 124          | 1600 | 3520 | 158          | 4250 | 9350  | 192          | 11200 | 24700 | 226          | 30000 | 66000  | 260          | 80000  | 176500 |
| 125          | 1650 | 3640 | 159          | 4375 | 9650  | 193          | 11500 | 25400 | 227          | 30750 | 68000  | 261          | 82500  | 182000 |
| 126          | 1700 | 3740 | 160          | 4500 | 9900  | 194          | 11800 | 26000 | 228          | 31500 | 69500  | 262          | 85000  | 187500 |
| 127          | 1750 | 3860 | 161          | 4625 | 10200 | 195          | 12150 | 26800 | 229          | 32500 | 71500  | 263          | 87500  | 193000 |
| 128          | 1800 | 3960 | 162          | 4750 | 10500 | 196          | 12500 | 27600 | 230          | 33500 | 74000  | 264          | 90000  | 198500 |
| 130          | 1900 | 4180 | 164          | 5000 | 11000 | 198          | 13200 | 29100 | 232          | 35500 | 78500  | 266          | 95000  | 209500 |
| 131          | 1950 | 4300 | 165          | 5150 | 11400 | 199          | 13600 | 30000 | 233          | 36500 | 80500  | 267          | 97500  | 215000 |
| 132          | 2000 | 4400 | 166          | 5300 | 11700 | 200          | 14000 | 30900 | 234          | 37500 | 82500  | 268          | 100000 | 220500 |
| 133          | 2060 | 4540 | 167          | 5450 | 12000 | 201          | 14500 | 32000 | 235          | 38750 | 85500  | 269          | 103000 | 227000 |
| 134          | 2120 | 4680 | 168          | 5600 | 12300 | 202          | 15000 | 33100 | 236          | 40000 | 88000  | 270          | 106000 | 233500 |
| 135          | 2180 | 4800 | 169          | 5800 | 12800 | 203          | 15500 | 34200 | 237          | 41250 | 91000  | 271          | 109000 | 240500 |
| 136          | 2240 | 4940 | 170          | 6000 | 13200 | 204          | 16000 | 35300 | 238          | 42500 | 93500  | 272          | 112000 | 247000 |
| 137          | 2300 | 5080 | 171          | 6150 | 13600 | 205          | 16500 | 36400 | 239          | 43750 | 96500  | 273          | 115000 | 253500 |
| 138          | 2360 | 5200 | 172          | 6300 | 13900 | 206          | 17000 | 37500 | 240          | 45000 | 99000  | 274          | 118000 | 260000 |
| 139          | 2430 | 5360 | 173          | 6500 | 14300 | 207          | 17500 | 38600 | 241          | 46250 | 102000 | 275          | 121000 | 267000 |
| 141          | 2575 | 5680 | 175          | 6900 | 15200 | 209          | 18500 | 40800 | 243          | 48750 | 107500 | 277          | 128000 | 283500 |
| 142          | 2650 | 5840 | 176          | 7100 | 15700 | 210          | 19000 | 41900 | 244          | 50000 | 110000 | 278          | 132000 | 291000 |
| 143          | 2725 | 6000 | 177          | 7300 | 16100 | 211          | 19500 | 43000 | 245          | 51500 | 113500 | 279          | 136000 | 300000 |
| 144          | 2800 | 6150 | 178          | 7500 | 16500 | 212          | 20000 | 44100 | 246          | 53000 | 117000 | 280          | 140000 | 308500 |
| 145          | 2900 | 6400 | 179          | 7750 | 17100 | 213          | 20600 | 45400 | 247          | 54500 | 120000 | 281          | 145000 | 319500 |
| 146          | 3000 | 6600 | 180          | 8000 | 17600 | 214          | 21200 | 46700 | 248          | 56000 | 123500 | 282          | 150000 | 330500 |
| 147          | 3075 | 6800 | 181          | 8250 | 18200 | 215          | 21800 | 48100 | 249          | 58000 | 128000 | 283          | 155000 | 341500 |
| 148          | 3150 | 6950 | 182          | 8500 | 18700 | 216          | 22400 | 49400 | 250          | 60000 | 132500 | 284          | 160000 | 352500 |
| 149          | 3250 | 7150 | 183          | 8750 | 19300 | 217          | 23000 | 50700 | 251          | 61500 | 135500 | 285          | 165000 | 364000 |
| 150          | 3350 | 7400 | 184          | 9000 | 19800 | 218          | 23600 | 52000 | 252          | 63000 | 139000 | 286          | 170000 | 375000 |
| 151          | 3450 | 7600 | 185          | 9250 | 20400 | 219          | 24300 | 53600 | 253          | 65000 | 143500 | 287          | 175000 | 386000 |
| 152          | 3550 | 7850 | 186          | 9500 | 20900 | 220          | 25000 | 55100 | 254          | 67000 | 147500 | 288          | 180000 | 397000 |
| 153          | 3650 | 8050 | 187          | 9750 | 21500 | 221          | 25750 | 56800 | 255          | 69000 | 152000 | 289          | 185000 | 408000 |

#### SPEED SYMBOLS

The *speed symbol* indicates the maximum speed at which the tire can carry a load corresponding to its load index, under specified conditions.

| CODE         | A2 | A3 | A4 | A5 | A6 | A8 | B  | C  | D  | E  | F  | G  |
|--------------|----|----|----|----|----|----|----|----|----|----|----|----|
| speed (km/h) | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 | 65 | 70 | 80 | 90 |
| speed (mph)  | 6  | 9  | 12 | 15 | 19 | 25 | 31 | 37 | 40 | 43 | 50 | 56 |

#### Examples of tire marking:

23.5 R 25 X®-SUPER TERRAIN TL 185 B; this tire is able to carry 9250 kg at a speed of 50 km/h (20,390 lb at 31 mph)  
445/95 R 25 X-CRANE® TL 174 F; this tire is able to carry 6700 kg at a maximum speed of 80 km/h (14,770 lb at 50 mph)

#### It is imperative:

- Not to exceed the permitted maximum speed of the tire.
- Not to exceed the permitted maximum distances in one hour as indicated in the tables of tire characteristics.
- That, at the time of fitting, the various markings be checked in order to be certain that the tire is suitable for operation at the maximum allowed vehicle speed and load.

# **EQUIVALENCE OF RESISTANCE INDEX (PR: PLY RATING)**

To be used as a reference for the replacement of a bias ply tire by a MICHELIN® Radial tire.

| SIZES<br>AND<br>MARKINGS       | WORK<br>MACHINES<br>PR | TRANSPORT<br>MACHINES<br>PR | SIZES<br>AND<br>MARKINGS          | WORK<br>MACHINES<br>PR | TRANSPORT<br>MACHINES<br>PR | SIZES<br>AND<br>MARKINGS      | WORK<br>MACHINES<br>PR | TRANSPORT<br>MACHINES<br>PR |
|--------------------------------|------------------------|-----------------------------|-----------------------------------|------------------------|-----------------------------|-------------------------------|------------------------|-----------------------------|
| 7.50 R 15                      | 12                     |                             | 17.5 R 25 **                      | 20                     | 24                          | 35/65 R 33 *                  | 36                     |                             |
| 8.25 R 15                      | 12                     |                             | 18.00 R 25 *                      | 24                     |                             | 35/65 R 33 ** (1)             |                        |                             |
| 10.00 R 15                     |                        |                             | 445/95 R 25<br>(174E, 177E, 177F) |                        |                             | 35/65 R 33<br>E4*** L4*** (1) |                        |                             |
| 350/65 R 15 (1)                |                        |                             | 445/80 R 25 (170E)                |                        |                             | 37.5 R 33 **                  |                        | 48                          |
| 14.5 R 15                      |                        |                             | 18.00 R 25 **                     |                        | 36                          | 21.00 R 35 **                 |                        | 44                          |
| 400/80 R 15 (1)                |                        |                             | 20.5 R 25 *                       | 24                     |                             | 24.00 R 35 **                 |                        | 48                          |
| 9.00 R 20                      | 16                     |                             | 20.5 R 25 **                      |                        | 28                          | 29.5 R 35 **                  |                        | 40                          |
| 10.00 R 20                     | 16                     |                             | 505/85 R 25 (183E)                |                        |                             | 33.25 R 35 **                 |                        | 44                          |
| 12.00 R 20                     | 18                     |                             | 550/65 R 25 * (1)                 |                        |                             | 37.25 R 35 **                 |                        | 48                          |
| E20 (13./80 R 20) (1)          |                        |                             | 21.00 R 25 **                     |                        | 40                          | 37.5 R 39 **                  |                        | 52                          |
| 14.00 R 20 (1)                 |                        |                             | 23.5 R 25 *                       | 28                     |                             | 40/65 R 39 *                  | 42                     |                             |
| 16.00 R 20                     |                        |                             | 23.5 R 25 **                      |                        | 32                          | 40.5/75 R 39 **               |                        | 54                          |
| 525/70 R 20.5                  |                        |                             | 525/80 R 25 (179E)                |                        |                             | 45/65 R 39 * (1)              |                        |                             |
| 24 R 20.5                      |                        |                             | 600/65 R 25 * (1)                 |                        |                             | 45/65 R 45 *                  | 50                     |                             |
| 24 R 21                        |                        |                             | 650/65 R 25 (1)                   |                        |                             | 24.00 R 49 **                 |                        | 48                          |
| 12.00 R 24 ***                 | 24                     | 24                          | 26.5 R 25 *                       | 32                     |                             | 27.00 R 49 **                 |                        | 54                          |
| 13.00 R 24 TG *                | 14                     |                             | 26.5 R 25 **                      |                        | 32                          | 30.00 R 51 **                 |                        | 64                          |
| 14.00 R 24 TG *                | 16                     |                             | 750/65 R 25 (1)                   |                        |                             | 33.00 R 51 **                 |                        | 68                          |
| 14.00 R 24                     | 24                     |                             | 29.5 R 25 *                       | 34                     |                             | 36.00 R 51 **                 |                        | 74                          |
| 14.00 R 24 ***                 | 28                     | 32                          | 29.5 R 25 **                      |                        | 34                          | 50/65 R 51 ** (1)             |                        |                             |
| 385/95 R 24<br>(170E, 170F)    |                        |                             | 850/65 R 25 (1)                   |                        |                             | 37.00 R 57 ** (1)             |                        |                             |
| 15.00 R 24<br>(17/80 R 24) (1) |                        |                             | 26.5 R 29 **                      |                        | 34                          | 40.00 R 57 **                 |                        | 78                          |
| 16.00 R 24 TG *                | 16                     |                             | 775/65 R 29 (1)                   |                        |                             | 50/80 R 57 ** (1)             |                        |                             |
| 16.00 R 24 **                  |                        | 36                          | 29.5 R 29 *                       | 34                     |                             | 55/80 R 57 * (1)              |                        |                             |
| 13.00 R 25 ***                 |                        | 28                          | 29.5 R 29 **                      |                        | 40                          | 50/90 R 57 ** (1)             |                        |                             |
| 14.00 R 25 ***                 |                        | 32                          | 33.25 R 29 **                     |                        | 44                          | 60/80 R 57 (1)                |                        |                             |
| 385/95 R 25<br>(170E, 170F)    |                        |                             | 800/65 R 29 * (1)                 |                        |                             | 53/80 R 63 ** (1)             |                        |                             |
| 15.5 R 25 *                    | 16                     |                             | 875/65 R 29 (1)                   |                        |                             | 55/80 R 63 ** (1)             |                        |                             |
| 16.00 R 25 **                  |                        | 36                          | 18.00 R 33 **                     |                        | 40                          | 56/80 R 63 ** (1)             |                        |                             |
| 395/80 R 25 (165E)             |                        |                             | 21.00 R 33 **                     |                        | 32                          | 59/80 R 63 ** (1)             |                        |                             |
| 17.5 R 25 *                    | 16                     |                             | 33.5 R 33 **                      |                        | 44                          |                               |                        |                             |

(1) No corresponding PR in these sizes which are only made in Radial construction.

## TECHNOLOGY OF MICHELIN RADIAL CASING TIRES

**A tire's construction is the key to its performance, and outstanding tire performance is a key competitive advantage for transport and working machines in the earthmover industry.**

Earthmoving equipment can achieve outstanding performance by using Radial tires.

### COMPOSITION

The Radial design combines metal or fabric plies, extending from one bead to the other, with a belt made of several steel plies designed to reinforce the crown of the tire.

### A UNIQUE CONSTRUCTION WITH NUMEROUS ADVANTAGES

The sidewalls and crown work independently:

- Minimizing the deformation of the contact patch and the weight of the tire
- Improving adhesion and traction while slowing down the rate of wear
- Increasing the load capacity as the metal casing can take higher inflation pressures

The flexibility of the sidewalls of a Radial tire therefore provides greater comfort with:

- No compromise on stability
- Better resistance to damage and punctures



### TIRE PERFORMANCE LEVELS THAT TRANSFORM MACHINE PERFORMANCE

Michelin invented the Radial design and is an expert in this field. Radial tires significantly improve the productivity of earthmover machines. The Radial technology offers the best compromise between the following factors: load, speed, operational efficiency of the machines, tire service life, operator safety, etc.

**Using a Radial tire also improves fuel economy and reduces the environmental footprint.**

### THE MICHELIN® XHA® 2 TIRE



23.5-25 BIAS

Two machines are launched at 30 km/h. After disengaging the motor, we measure the distance traveled. The machine equipped with MICHELIN® tires has less rolling resistance and therefore travels further. This equates to lower fuel consumption in operation.

*Image from tests carried out in our research and development in Almeria in Spain.*

Find this test and many other videos on [www.michelinearthmover.com](http://www.michelinearthmover.com) or contact your Michelin Account Manager.

### ADVICE AND RECOMMENDATIONS ON THE USE OF MICHELIN EARTHMOVER TIRES

#### USE OF TIRES

##### FITTING OF TG MICHELIN® EARTHMOVER TIRES (24-INCH DIAMETER)

TG tires (MICHELIN® XGLA2™, MICHELIN® X-SNOPLUS®) must only be fitted on drop-center and semi drop-center or single-piece wheels.

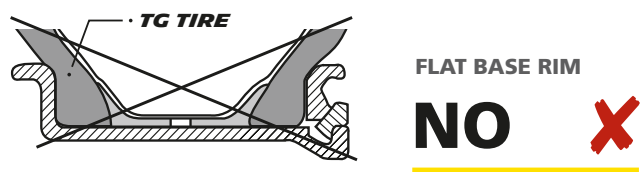
Do not fit these tires on flat-base rims, which are incompatible because they have differences in seat diameter.

##### FITTING OF 15.5 R 25\* AND 17.5 R 25\* MICHELIN® EARTHMOVER TIRES

L2\* (MICHELIN® XTLA™ and MICHELIN® X SNOPLUS®) and L3\* (MICHELIN® XHA®) and the MICHELIN® X CRANE + dimension 445/95 R 25 can be fitted to:

- Multi-piece SDC or flat-base rims
- Single-piece rims

**NOTE:** L3\*\* and L5 tires can only be fitted to multi-piece rims.



#### EXPLANATION OF THE DIFFERENT USES

Important: Load/pressure scales are classified according to different uses of machines.

##### LOADERS

###### Front Laden

This table is used in priority. The loads come from the weighing of the loader or the axle weight given by the manufacturer.

**This is the pressure, load and use table built from the maximum reference point given by the standards.**

For front tires of the loader, it is possible to increase the pressure value given in Table Front Laden up to 1 bar without changing the carrying capacity. The resulting pressure must remain below the maximum values of inflation pressure when the latter is specified (see previous page).

###### Rear Unladen

This table is used when the weight of the rear axle of the unladen loader is known or when the rear axle weight is given by the manufacturer.

##### COMPACTOR

###### 10 and 15 km/h

These tables give the maximum work speeds of the compactors. In all cases, the indications and the instructions from the manufacturer must be applied (table indicating the pressure according to the work to be carried out).

##### UNDERGROUND MINING MACHINES

This is the table that is used for tires fitted to underground transport machines.





# ADVICE AND RECOMMENDATIONS ON THE USE OF MICHELIN EARTHMOVER TIRES

## GRADERS

### All Axles

This is the table that is used when one has determined the axle load (by weight or by the manufacturer).

This table is derived from a reference speed of 40 km/h. For higher speeds, a reduction in carrying capacity, as shown in the table below, is applied in accordance with the standards (ex: Year Book TRA 2019, page 4-28).

| SPEED OF USE (KM/H) | VARIATION IN LOAD CAPACITY (%) |
|---------------------|--------------------------------|
| 40                  | 0                              |
| 50                  | - 9                            |
| 60                  | - 18                           |
| 65                  | - 27                           |

## TRANSPORT (RIGID DUMP TRUCKS, TRUCKS, ETC.), ARTICULATED DUMP TRUCKS, SCRAPERS

### Standard

Table loads/pressures built from the reference point *Off-the-Road Haulage Service*. This is the table that is used when one has determined the axle load (by weighing or from the manufacturer's data).

## CRANES AND SIMILAR SPECIALIZED MACHINES

### Standard

This is the table *Load/Speed/Pressure* that is used to adjust the pressure at the desired load based on maximum rates of use for the tires fitted on vehicles (all-terrain, mobile cranes, intervention vehicles...).

There are two ranges of tires. Reference speed 70 km/h, Speed Symbol E or reference speed 80 km/h, Speed Symbol F.

## USE IN DESERTS AND SIMILAR CONDITIONS

Depending on whether the vehicle is fitted as single or twin, the corresponding load table will be adopted.

### 1-Road in Single/Road in Twin:

These pressures are to be applied when the vehicle runs on good roads. (This means asphalt or compacted surfaces.) For these conditions, the pressures have been calculated for a maximum speed of 80 km/h (50 mph) or 65 km/h (40 mph) depending on the tire size considered.

### 2-Track in Single/Track in Twin:

These pressures are recommended for driving on roads in poor condition, washboard (corrugated) and gravel or desert surfaces.

For these conditions, the pressures have been calculated

- for a maximum speed of 65 km/h (40 mph) if the speed on road is 80 km/h (50 mph)
- or a maximum speed of 50 km/h (30 mph) if the speed on road is 65 km/h (40 mph)

### 3-Sand in Single/Sand in Twin:

These pressures are used to allow the vehicle to cross without difficulty the difficult areas where the problem of adhesion or depression can be important. To avoid premature depletion of the kilometeric performance, the speed must be limited

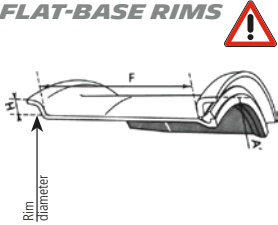
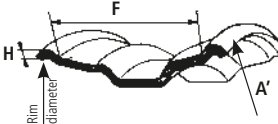
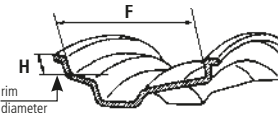
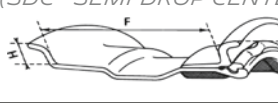
- to 20 km/h (12.5 mph) if the speed on road is 80 km/h (50 mph)
- to 15 km/h (9.3 mph) if the speed on road is 65 km/h (40 mph)

After sand use, the pressure must be readjusted for subsequent conditions of use (road or track).

### COMPONENTS USED WITH MICHELIN EARTHMOVER TIRES

#### APPROVED RIMS FOR MICHELIN EARTHMOVER TIRES

Check that the rim support is at least the weight carried by the tire.

| RIM TYPES                                                                                                                                                     | RIM DESIGN.       | F<br>MM<br>INCHES | H (13)<br>MM<br>INCHES | D (14)<br>MM<br>INCHES |       | RIM<br>R/A (14) | TIRE SIZES                | SEAL               |    |    |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------|------------------------|------------------------|-------|-----------------|---------------------------|--------------------|----|----|
|                                                                                                                                                               |                   |                   |                        |                        |       |                 |                           |                    | TL | TT |
| <b>FLAT-BASE RIMS</b><br>                                                    | 15 - 6.00 S       | 152.4<br>6.0      | 33.3<br>1.3            | 387,0                  | 381,0 | A               | 7.50 R 15                 | None               |    |    |
|                                                                                                                                                               | 20 - 7.33 V       | 186.2<br>7.3      | 44<br>1.7              | 511,2                  | 508,0 | A               | 9.00 R 20 X MINE D2       | Tyrano<br>(A 20)   | NA | 2  |
|                                                                                                                                                               | 20 - 8.00 V       | 203.2<br>8.0      | 44<br>1.7              |                        |       | A               | E 20 (13/80 R 20) Pil XLC |                    | NA | 2  |
|                                                                                                                                                               | 20 - 8.50 V       | 215.9<br>8.5      | 44<br>1.7              |                        |       | A               | E 20 (13/80 R 20) Pil XLC |                    | NA | 2  |
|                                                                                                                                                               | 20 - 9.00 V       | 228.6<br>9.0      | 44<br>1.7              |                        |       | A               | 12.00 R 20 X MINE D2      |                    | NA | 2  |
|                                                                                                                                                               | 20 - 10.00 V      | 254<br>10.0       | 44<br>1.7              |                        |       | A               | E 20 (13/80 R 20) Pil XLC |                    | NA | 2  |
|                                                                                                                                                               | 20 - 10.00 W      | 254<br>10.0       | 51<br>2.0              |                        |       | R               | 16.00 R 20 XZL            |                    | 2  | 2  |
|                                                                                                                                                               | 20 - 11.25        | 286<br>11.3       | 51<br>2.0              |                        |       | A               | 14.00 R 20 X MINE D2      |                    | 2  | 2  |
|                                                                                                                                                               | 21 - 18.00        | 457.2<br>18.0     | 38<br>1.5              | 511,0                  |       | R               | 24 R 21                   | (OR 6.8-21)        |    |    |
|                                                                                                                                                               | 24 - 7.33 V       | 186.2<br>7.3      | 44<br>1.7              | 612,8                  | 609,6 | A               | 12.00 R 24 ***            | None               |    |    |
|                                                                                                                                                               | 24 - 8.00 V       | 203.2<br>8.0      | 44<br>1.7              |                        |       | A               | 12.00 R 24 X MINE D2      | G25                | 2  | 2  |
|                                                                                                                                                               | 24 - 8.50 V       | 216<br>8.5        | 44<br>1.7              |                        |       | A               | 12.00 R 24 ***            | None               |    |    |
|                                                                                                                                                               | 24 - 9.00 V       | 228.6<br>9.0      | 44<br>1.7              |                        |       | A               | 12.00 R 24 X MINE D2      | G25                | 2  | 2  |
|                                                                                                                                                               | 24 - 10.00 W      | 254<br>10.0       | 51<br>2.0              |                        |       | A               | 12.00 R 24 ***            | None               |    |    |
|                                                                                                                                                               |                   |                   |                        |                        |       | A               | 14.00 R 24 ***            | None               | 2  | 2  |
| <b>15° TAPER DROP<br/>CENTER RIMS<br/>(DC - DROP CENTER)</b><br>           | 20.5 x 16.00      | 406.5<br>16.0     | 12.7<br>0.5            | 520,7                  |       | R               | 525/65 R 20.5             |                    |    |    |
|                                                                                                                                                               | 20.5 x 18.00      | 457<br>18.0       | 12.7<br>0.5            |                        |       | R               | 24 R 20.5                 |                    |    |    |
| <b>5° TAPER DROP<br/>CENTER RIMS<br/>(DC - DROP CENTER)</b><br>            | 24 x 9.00/1.5     | 228<br>9.0        | 38<br>1.5              | 614,4                  |       | A               | 14.00 R 24 * TG           | None               |    |    |
|                                                                                                                                                               | 25 x 12.00/1.3    | 305<br>12.0       | 33<br>1.3              | 635,0                  |       | A               | 15.5 R 25 * L2 - L3       |                    |    |    |
|                                                                                                                                                               | 25 x 13.00/1.4    | 330<br>13.0       | 36<br>1.4              |                        |       | A               | 15.5 R 25 * L2 - L3       |                    |    |    |
|                                                                                                                                                               | 25 x 14.00/1.3    | 355<br>14.0       | 33<br>1.3              |                        |       | A               | 17.5 R 25 * L2 - L3       |                    |    |    |
|                                                                                                                                                               | 25 x 14.00/1.5    | 355<br>14.0       | 38<br>1.5              |                        |       | A               | 17.5 R 25 * L2 - L3       |                    |    |    |
|                                                                                                                                                               | 635 x 280 CR      | 280<br>11.0       | 43<br>1.7              |                        |       | A               | 445/95 R 25 X CRANE +     |                    |    |    |
| <b>5° TAPER SEMI-DROP<br/>CENTER RIMS<br/>(SDC - SEMI-DROP CENTER)</b><br> | 24 - 8.00 TG SDC  | 203<br>8.0        | 35.5<br>1.4            | 614,4                  |       |                 | 13.00 R 24 * TG           | Heupo<br>(OR 2-25) |    |    |
|                                                                                                                                                               | 24 - 10.00 VA SDC | 254<br>10.0       | 43<br>1.7              |                        |       | R               | 14.00 R 24 * TG           |                    |    |    |
|                                                                                                                                                               |                   |                   |                        |                        |       | A               | 14.00 R 24 * TG           |                    |    |    |
|                                                                                                                                                               |                   |                   |                        |                        |       | R               | 16.00 R 24 * TG           |                    |    |    |

\*\* R = Recommended - A = Allowed

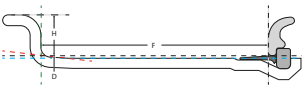
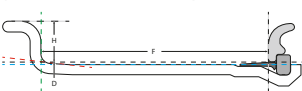


See note page 139 about TG tire fitment.

### COMPONENTS USED WITH MICHELIN EARTHMOVER TIRES

#### APPROVED RIMS FOR MICHELIN EARTHMOVER TIRES

Check that the rim support is at least the weight carried by the tire.

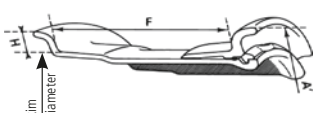
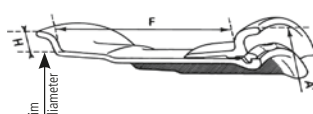
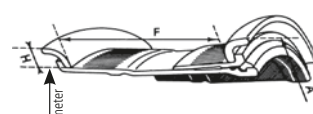
| RIM TYPES                                                                                                                                                                  | RIM<br>DESIGN. | F<br>MM<br>INCHES | H <sup>(13)</sup><br>MM<br>INCHES | D <sup>(14)</sup><br>MM<br>INCHES |       | RIM<br>R/A <sup>(15)</sup> | TIRE SIZES                                        | SEAL             |    |    |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-------------------|-----------------------------------|-----------------------------------|-------|----------------------------|---------------------------------------------------|------------------|----|----|
|                                                                                                                                                                            |                |                   |                                   |                                   |       |                            |                                                   |                  | TL | TT |
| <b>5° TAPER BEAD SEAT<br/>RIMS</b><br><br>(Removable bead seat, split)                    | 15 - B 6.5     | 165.1<br>6.5      | 38.1<br>1.5                       | 385,8                             | 385,8 | A<br>A                     | 7.50 R 15<br>8.25 R 15                            | None             |    |    |
|                                                                                                                                                                            | 15 - 10.50     | 267<br>10.5       | 38<br>1.5                         |                                   |       | R<br>A                     | 14.5 R 15<br>350/65 R 15                          |                  |    |    |
|                                                                                                                                                                            | 20 - B 6.5     | 165.1<br>6.5      | 38.1<br>1.5                       |                                   |       | A                          | 9.00 R 20                                         |                  |    |    |
|                                                                                                                                                                            | 20 - B 7.0     | 177.8<br>7.0      | 38.1<br>1.5                       |                                   |       | A                          | 9.00 R 20 X MINE D2                               | Tyrant<br>(A 20) | NA | 2  |
|                                                                                                                                                                            | 20 - B 7.5     | 190.5<br>7.5      | 43.2<br>1.7                       | 512,8                             | 512,8 | A                          | 9.00 R 20 X MINE D2                               |                  | NA | 2  |
|                                                                                                                                                                            | 20 - B 8.0     | 203.2<br>8.0      | 43.2<br>1.7                       |                                   |       | A                          | E-20 (13/80 R 20) Pil XLC                         |                  | NA | 2  |
|                                                                                                                                                                            | 20 - B 8.5     | 216<br>8.5        | 45.7<br>1.8                       |                                   |       | A                          | 12.00 R 20                                        |                  |    |    |
|                                                                                                                                                                            |                |                   |                                   |                                   |       | A                          | E-20 (13/80 R 20) Pil XLC                         |                  | NA | 2  |
| <b>5° TAPER BEAD SEAT<br/>RIMS<br/>(ADVANCED RIM)</b><br><br>(Removable bead seat, split) | 15 - 5.5       | 139.7<br>5.5      | 30.5<br>1.2                       |                                   |       | A                          | 7.50 R 15                                         | None             |    |    |
|                                                                                                                                                                            | 15 - 6.0       | 152.4<br>6.0      | 33<br>1.3                         |                                   |       | R<br>A                     | 7.50 R 15<br>8.25 R 15                            |                  |    |    |
|                                                                                                                                                                            | 15 - 6.5       | 165.1<br>6.5      | 35.6<br>1.4                       | 387,4                             | 387,0 | A<br>R                     | 7.50 R 15<br>8.25 R 15                            |                  |    |    |
|                                                                                                                                                                            | 15 - 7.0       | 177.8<br>7.0      | 38<br>1.5                         |                                   |       | A                          | 10.00 R 15<br>8.25 R 15                           |                  |    |    |
|                                                                                                                                                                            | 15 - 7.5       | 190.5<br>7.5      | 40.6<br>1.6                       |                                   |       | R                          | 10.00 R 15                                        |                  |    |    |
|                                                                                                                                                                            | 15 - 11.0      | 279.4<br>11       | 38<br>1.5                         |                                   |       | A                          | 14.5 R 15                                         |                  |    |    |
|                                                                                                                                                                            | 15 - 11.00 BD  | 279.4<br>11       | 36<br>1.4                         |                                   |       | A                          | 14.5 R 15                                         |                  |    |    |
|                                                                                                                                                                            | 15 - 11.50     | 292.1<br>11.5     | 38<br>1.5                         |                                   |       | A<br>R<br>R                | 14.5 R 15<br>350/65 R 15<br>400/80 R 15           |                  |    |    |
|                                                                                                                                                                            | 20 - 6.5       | 165.1<br>6.5      | 35.6<br>1.4                       |                                   |       | A                          | 9.00 R 20 X MINE D2                               | Tyrant<br>(A 20) | NA | 2  |
|                                                                                                                                                                            | 20 - 7.0       | 177.8<br>7.0      | 38<br>1.5                         |                                   |       | R                          | 9.00 R 20 X MINE D2                               |                  | NA | 2  |
|                                                                                                                                                                            | 20 - 7.0 T     | 177.8<br>7.0      | 38.1<br>1.5                       |                                   |       | A                          | 9.00 R 20 X MINE D2                               |                  | NA | 2  |
|                                                                                                                                                                            | 20 - 7.5       | 190.5<br>7.5      | 40.6<br>1.6                       |                                   |       | A                          | 9.00 R 20 X MINE D2                               |                  | NA | 2  |
|                                                                                                                                                                            |                |                   |                                   |                                   |       | A                          | E 20 P (13/80 R 20)                               |                  |    |    |
|                                                                                                                                                                            | 20 - 8.0       | 203.2<br>8.0      | 43.2<br>1.7                       |                                   |       | A                          | 12.00 R 20 X MINE D2                              |                  | NA | 2  |
|                                                                                                                                                                            |                |                   |                                   |                                   |       | A                          | E 20 (13/80 R 20) Pil XLC                         |                  | NA | 2  |
|                                                                                                                                                                            | 20 - 8.0 V     | 203.0<br>8.0      | 44.4<br>1.7                       | 514,4                             | 514,0 | A                          | E 20 (13/80 R 20) Pil XLC                         |                  | NA | 2  |
|                                                                                                                                                                            | 20 - 8.5       | 215.9<br>8.5      | 45.7<br>1.8                       |                                   |       | R                          | 12.00 R 20 X MINE D2                              |                  | NA | 2  |
|                                                                                                                                                                            |                |                   |                                   |                                   |       | A                          | E 20 (13/80 R 20) Pil XLC                         |                  | NA | 2  |
|                                                                                                                                                                            | 20 - 8.5 V     | 216<br>8.5        | 44.4<br>1.7                       |                                   |       | A                          | 12.00 R 20 X MINE D2                              |                  | NA | 2  |
|                                                                                                                                                                            |                |                   |                                   |                                   |       | A                          | E 20 (13/80 R 20) Pil XLC                         |                  | NA | 2  |
|                                                                                                                                                                            | 20 - 9.0       | 228.6<br>9.0      | 48.3<br>1.9                       |                                   |       | A                          | 12.00 R 20 X MINE D2                              |                  | NA | 2  |
|                                                                                                                                                                            |                |                   |                                   |                                   |       | R                          | E 20 (13/80 R 20) Pil XLC                         |                  | NA | 2  |
|                                                                                                                                                                            | 20 - 10.0      | 254<br>10.0       | 50.8<br>2.0                       |                                   |       | A<br>R                     | E 20 (13/80 R 20) Pil XLC<br>14.00 R 20 X MINE D2 |                  | NA | 0  |
|                                                                                                                                                                            | 24 - 7.5       | 190.5<br>7.5      | 40.5<br>1.6                       |                                   |       | A                          | 12.00 R 24 X MINE D2                              | G25              | 2  | 2  |
|                                                                                                                                                                            |                |                   |                                   |                                   |       | A                          | 12.00 R 24 XSM D2                                 | G25              | 2  | 2  |
|                                                                                                                                                                            |                |                   |                                   |                                   |       | A                          | 12.00 R 24 XKA***                                 | G25              | 2  | 2  |
|                                                                                                                                                                            | 24 - 8.0       | 203.2<br>8.0      | 43.2<br>1.7                       |                                   |       | A                          | 12.00 R 24 ***                                    | None             |    |    |
|                                                                                                                                                                            |                |                   |                                   |                                   |       | A                          | 12.00 R 24 X MINE D2                              | G25              | NA | 2  |
|                                                                                                                                                                            | 24 - 8.5       | 215.9<br>8.5      | 45.7<br>1.8                       | 616,0                             | 615,6 | R                          | 12.00 R 24 ***                                    | G25              | NA | 2  |
|                                                                                                                                                                            |                |                   |                                   |                                   |       |                            | 12.00 R 24 X MINE D2                              |                  |    |    |
|                                                                                                                                                                            | 24 - 9.0       | 228.6<br>9.0      | 48.3<br>1.9                       |                                   |       | A                          | 14.00 R 24 non TG                                 | G25              | NA | 0  |
|                                                                                                                                                                            |                |                   |                                   |                                   |       | A                          | 15.00 R 24 Pil                                    | G25              | NA | 0  |
|                                                                                                                                                                            |                |                   |                                   |                                   |       | R                          | 14.00 R 24 non TG                                 |                  | NA | 0  |
|                                                                                                                                                                            | 24 - 10.0      | 254<br>10.0       | 50.8<br>2.0                       |                                   |       | R                          | 15.00 R 24 Pil                                    | G25              | NA | 0  |
|                                                                                                                                                                            |                |                   |                                   |                                   |       | R                          | 385/95 R 24                                       |                  | NA | 0  |

\*\* R = Recommended - A = Allowed

### COMPONENTS USED WITH MICHELIN EARTHMOVER TIRES

#### APPROVED RIMS FOR MICHELIN EARTHMOVER TIRES

Check that the rim support is at least the weight carried by the tire.

| RIM TYPES                                                                                                                              | RIM<br>DESIGN                    | F<br>MM<br>INCHES | H <sup>(13)</sup><br>MM<br>INCHES | D <sup>(14)</sup><br>MM<br>INCHES | RIM<br>R/A <sup>(**)</sup> | TIRE SIZES                                     | SEAL                      | TL                        | TT |  |
|----------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|-------------------|-----------------------------------|-----------------------------------|----------------------------|------------------------------------------------|---------------------------|---------------------------|----|--|
| <b>5° TAPER BEAD SEAT<br/>RIMS<br/>(3 PIECES)</b><br> | 24 - 11.25/1.3                   | 286<br>11.3       | 33<br>1.3                         | 616,0                             | A                          | 385/95 R 24 X CRANE                            | G25                       | NA                        | 0  |  |
|                                                                                                                                        | 25 - 10.00/1.5                   | 254<br>10.0       | 38<br>1.5                         | 635,0                             | R<br>A                     | 14.00 R 25<br>385/95 R 25                      | <b>Heupo</b><br>(OR 2-25) |                           |    |  |
|                                                                                                                                        | 25 - 11.25/1.3                   | 286<br>11.3       | 33<br>1.3                         |                                   | A<br>A                     | 14.00 R 25<br>385/95 R 25                      |                           |                           |    |  |
|                                                                                                                                        | 25 - 11.25/2.0 IN <sup>(*)</sup> | 284<br>11.2       | 51<br>2.0                         |                                   | A<br>R<br>A                | 14.00 R 25<br>16.00 R 25<br>445/95 R 2         | <b>Sulla</b><br>(OR 3-25) |                           |    |  |
|                                                                                                                                        | 25 - 12.00/1.3                   | 305<br>12.0       | 33<br>1.3                         |                                   | R<br>R                     | 15.5 R 25<br>385/95 R 25                       | <b>Heupo</b><br>(OR 2-25) |                           |    |  |
|                                                                                                                                        | 25 - 13.00/2.5 IN <sup>(*)</sup> | 330<br>13.0       | 63.5<br>2.5                       |                                   | R<br>R                     | 18.00 R 25<br>505/85 R 25                      | <b>Sulla</b><br>(OR 3-25) |                           |    |  |
|                                                                                                                                        | 25 - 14.00/1.3                   | 356               | 33                                |                                   | R                          | 445/80 R 25                                    | <b>Heupo</b><br>(OR 2-25) |                           |    |  |
|                                                                                                                                        |                                  | 14.0              | 1.3                               |                                   |                            |                                                |                           |                           |    |  |
|                                                                                                                                        | 25 - 14.00/1.5                   | 355<br>14.0       | 38<br>1.5                         |                                   | R<br>A                     | 17.5 R 25<br>445/80 R 25                       |                           |                           |    |  |
|                                                                                                                                        | 25 - 15.00/3.0 IN <sup>(*)</sup> | 381<br>15.0       | 76<br>3.0                         |                                   | R                          | 21.00 R 25                                     | <b>Sulla</b><br>(OR 3-25) |                           |    |  |
|                                                                                                                                        | 25 - 17.00/1.7                   | 432<br>17.0       | 43<br>1.7                         |                                   | R<br>R<br>A                | 20.5 R 25 *<br>550/65 R 25<br>600/65R25 XLD 65 | <b>Heupo</b><br>(OR 2-25) |                           |    |  |
|                                                                                                                                        | 25 - 17.00/2.0 IF <sup>(*)</sup> | 432<br>17.0       | 51<br>2.0                         |                                   | R                          | 20.5 R 25                                      |                           | <b>Sulla</b><br>(OR 3-25) |    |  |
|                                                                                                                                        |                                  |                   |                                   |                                   | A<br>A                     | 525/80 R 25<br>550/65 R 25                     |                           |                           |    |  |
|                                                                                                                                        |                                  |                   |                                   |                                   | A                          | 600/65R25 XLD 65                               |                           |                           |    |  |
|                                                                                                                                        |                                  |                   |                                   |                                   | R                          | 23.5 R 25                                      |                           |                           |    |  |
|                                                                                                                                        | 25 - 19.50/2.5 IF <sup>(*)</sup> | 495<br>19.5       | 63.5<br>2.5                       |                                   | R                          | 600/65 R 25<br>650/65 R 25<br>660/65 R 25      |                           |                           |    |  |
|                                                                                                                                        |                                  |                   |                                   |                                   | R                          | 26.5 R 25                                      |                           |                           |    |  |
|                                                                                                                                        | 25 - 22.00/3.0 IF <sup>(*)</sup> | 559<br>22.0       | 76<br>3.0                         |                                   | R                          | 650/65 R 25<br>660/65 R 25<br>750/65 R 25      |                           |                           |    |  |
|                                                                                                                                        | 25 - 25.00/3.5 IF <sup>(*)</sup> | 635<br>25.0       | 89<br>3.5                         |                                   | R                          | 29.5 R 25                                      |                           |                           |    |  |
| R                                                                                                                                      |                                  |                   |                                   |                                   | 850/65 R 25                |                                                |                           |                           |    |  |
| <b>CR RIMS 3-PIECE<br/>FOR CRANES</b><br>           | 25 - 9.50/1.7 CR                 | 241<br>9.5        | 43<br>1.7                         | 635                               | A                          | 14.00 R 25                                     | <b>Sulla</b><br>(OR 3-25) |                           |    |  |
|                                                                                                                                        | 25 - 11.00/1.7 CR                | 279<br>11.0       | 43<br>1.7                         |                                   | A                          | 385/95 R 25                                    |                           |                           |    |  |
|                                                                                                                                        |                                  |                   |                                   |                                   | A                          | 16.00 R 25                                     |                           |                           |    |  |
|                                                                                                                                        | 25 - 14.00/1.7 CR                | 355<br>14.0       | 43<br>1.7                         |                                   | A                          | 445/95 R 25                                    |                           |                           |    |  |
|                                                                                                                                        |                                  |                   |                                   |                                   | A                          | 17.5 R 25                                      |                           |                           |    |  |
|                                                                                                                                        | 25 - 17.00/1.7 CR                | 432<br>17.0       | 43<br>1.7                         |                                   | A                          | 445/80 R 25                                    |                           |                           |    |  |
|                                                                                                                                        |                                  |                   |                                   |                                   | A                          | 20.5 R 25                                      |                           |                           |    |  |
|                                                                                                                                        | 25 - 17.00/1.7 CR                | 432<br>17.0       | 43<br>1.7                         |                                   | A                          | 525/80 R 25                                    |                           |                           |    |  |
|                                                                                                                                        |                                  |                   |                                   |                                   |                            |                                                |                           |                           |    |  |
| <b>5° TAPER BEAD SEAT RIMS<br/>(5 PIECES)</b><br>   | 25 - 10.00/2.0                   | 254<br>10.0       | 51<br>2.0                         | 635                               | A                          | 505/85 R 25                                    | <b>Sulla</b><br>(OR 3-25) |                           |    |  |
|                                                                                                                                        | 25 - 11.25/2.0 IN <sup>(*)</sup> | 284<br>11.2       | 51<br>2.0                         |                                   | A                          | 14.00 R 25                                     |                           |                           |    |  |
|                                                                                                                                        |                                  |                   |                                   |                                   | R                          | 16.00 R 25                                     |                           |                           |    |  |
|                                                                                                                                        | 25 - 13.00/2.0 IN <sup>(*)</sup> | 330<br>13.0       | 51<br>2.0                         |                                   | A                          | 445/95 R 25                                    |                           |                           |    |  |
|                                                                                                                                        |                                  |                   |                                   |                                   | A                          | 16.00 R 25                                     |                           |                           |    |  |

\*\* R = Recommended - A = Allowed

(\*) New wheels have additional marking IN:

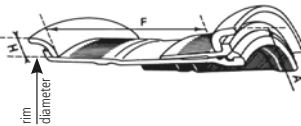
The IF flanges feature an Integrated Flange. They are 3-piece rims suited for radial tires.

The IN rims present a larger flange width and exist as 3-piece or 5-piece types.

### COMPONENTS USED WITH MICHELIN EARTHMOVER TIRES

#### APPROVED RIMS FOR MICHELIN EARTHMOVER TIRES

Check that the rim support is at least the weight carried by the tire.

| RIM TYPES                                                                                                                          | RIM<br>DESIGN                    | F<br>MM<br>INCHES | H <sup>(13)</sup><br>MM<br>INCHES | D <sup>(14)</sup><br>MM<br>INCHES | RIM<br>R/A <sup>(**)</sup> | TIRE SIZES                 | SEAL               |    |    |
|------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|-------------------|-----------------------------------|-----------------------------------|----------------------------|----------------------------|--------------------|----|----|
|                                                                                                                                    |                                  |                   |                                   |                                   |                            |                            |                    | TL | TT |
| <b>5° TAPER BEAD SEAT RIMS<br/>(5 PIECES)</b><br> | 25 - 13.00/2.5 IN <sup>(*)</sup> | 330<br>13.0       | 63.5<br>2.5                       | 635                               | R                          | 18.00 R 25                 | Sulla<br>(OR 3-25) |    |    |
|                                                                                                                                    |                                  |                   |                                   |                                   | R                          | 505/85 R 25                |                    |    |    |
|                                                                                                                                    | 25 - 15.00/2.5 IN <sup>(*)</sup> | 381<br>15.0       | 63.5<br>2.5                       |                                   | A                          | 18.00 R 25                 |                    |    |    |
|                                                                                                                                    |                                  |                   |                                   |                                   | A                          | 505/85 R 25                |                    |    |    |
|                                                                                                                                    | 25 - 15.00/3.0 IN <sup>(*)</sup> | 381<br>15.0       | 76<br>3.0                         |                                   | R                          | 21.00 R 25                 |                    |    |    |
|                                                                                                                                    |                                  |                   |                                   |                                   | R                          | 20.5 R 25                  |                    |    |    |
|                                                                                                                                    | 25 - 17.00/2.0                   | 432<br>17.0       | 51<br>2.0                         |                                   | A                          | 525/80 R 25                |                    |    |    |
|                                                                                                                                    |                                  |                   |                                   |                                   | R                          | 550/65 R 25                |                    |    |    |
|                                                                                                                                    |                                  |                   |                                   |                                   | A                          | 600/65R25 XLD 65           |                    |    |    |
|                                                                                                                                    | 25 - 17.00/3.0                   | 432<br>17.0       | 76<br>3.0                         |                                   | A                          | 21.00 R 25                 |                    |    |    |
|                                                                                                                                    | 25 - 19.50/2.0                   | 495<br>19.5       | 51<br>2.0                         |                                   | A                          | 25/26 R 25                 |                    |    |    |
|                                                                                                                                    |                                  |                   |                                   |                                   | R                          | 23.5 R 25                  |                    |    |    |
|                                                                                                                                    | 25 - 19.50/2.5                   | 495<br>19.5       | 63.5<br>2.5                       |                                   | R                          | 600/65 R 25                |                    |    |    |
|                                                                                                                                    |                                  |                   |                                   |                                   | R                          | 650/65 R 25<br>660/65 R 25 |                    |    |    |
|                                                                                                                                    |                                  |                   |                                   |                                   | R                          | 660/65 R 25                |                    |    |    |
|                                                                                                                                    | 25 - 20.00/2.0                   | 508<br>20.0       | 51<br>2.0                         |                                   | A                          | 25/26 R 25                 |                    |    |    |
|                                                                                                                                    |                                  |                   |                                   |                                   | R                          | 26.5 R 25                  |                    |    |    |
|                                                                                                                                    | 25 - 22.00/3.0                   | 559<br>22.0       | 76<br>3.0                         |                                   | R                          | 650/65 R 25                |                    |    |    |
|                                                                                                                                    |                                  |                   |                                   |                                   | R                          | 660/65 R 25<br>750/65 R 25 |                    |    |    |
|                                                                                                                                    |                                  |                   |                                   |                                   | A                          | 750/65 R 25                |                    |    |    |
|                                                                                                                                    | 25 - 24.00/3.0                   | 610<br>24.0       | 76<br>3.0                         |                                   | R                          | 750/65 R 25                |                    |    |    |
|                                                                                                                                    | 25 - 25.00/3.0                   | 635<br>25.0       | 76<br>3.0                         |                                   | R                          | 750/65 R 25                |                    |    |    |
|                                                                                                                                    | 25 - 25.00/3.5                   | 635<br>25.0       | 89<br>3.5                         |                                   | R                          | 29.5 R 25                  |                    |    |    |
|                                                                                                                                    |                                  |                   |                                   |                                   | R                          | 850/65 R 25                |                    |    |    |
|                                                                                                                                    | 25 - 27.00/3.5                   | 687<br>27.0       | 89<br>3.5                         |                                   | A                          | 850/65 R 25                |                    |    |    |
|                                                                                                                                    | 29 - 22.00/3.0                   | 559<br>22.0       | 76<br>3.0                         | 737                               | R                          | 26.5 R 29                  | Sulky<br>(OR 3-29) |    |    |
|                                                                                                                                    |                                  |                   |                                   |                                   | A                          | 30/65 R 29                 |                    |    |    |
|                                                                                                                                    | 29 - 24.00/3.0                   | 610<br>24.0       | 76<br>3.0                         |                                   | R                          | 30/65 R 29                 |                    |    |    |
|                                                                                                                                    |                                  |                   |                                   |                                   | A                          | 26.5 R 29                  |                    |    |    |
|                                                                                                                                    | 29 - 24.00/3.5                   | 610<br>24.0       | 89<br>3.5                         |                                   | A                          | 29.5 R 29                  |                    |    |    |
|                                                                                                                                    |                                  |                   |                                   |                                   | A                          | 800/65 R 29                |                    |    |    |
|                                                                                                                                    | 29 - 25.00/3.5                   | 635<br>25.0       | 89<br>3.5                         |                                   | R                          | 29.5 R 29                  |                    |    |    |
|                                                                                                                                    | 29 - 27.00/3.0                   | 687<br>27.0       | 76<br>3.0                         |                                   | R                          | 800/65 R 29                |                    |    |    |
|                                                                                                                                    |                                  |                   |                                   |                                   | R                          | 875/65 R 29                |                    |    |    |
|                                                                                                                                    | 29 - 27.00/3.5                   | 686<br>27.0       | 89<br>3.5                         | R                                 | 33.25 R 29                 |                            |                    |    |    |

\*\* R = recommended - A = Allowed

(\*) New wheels have additional marking **IN**:

The IF flanges feature an Integrated Flange. They are 3-piece rims suited for radial tires.

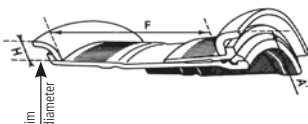
The IN rims present a larger flange width and exist as 3-piece or 5-piece types.



### COMPONENTS USED WITH MICHELIN EARTHMOVER TIRES

#### APPROVED RIMS FOR MICHELIN EARTHMOVER TIRES

Check that the rim support is at least the weight carried by the tire.

| RIM TYPES                                                                                                                           | RIM<br>DESIGN                    | F            | H <sup>(13)</sup> | D <sup>(14)</sup> | RIM<br>R/A <sup>(**)</sup> | TIRE SIZES   | SEAL                   |    |  |  |
|-------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|--------------|-------------------|-------------------|----------------------------|--------------|------------------------|----|--|--|
|                                                                                                                                     |                                  | MM<br>INCHES | MM<br>INCHES      | MM<br>INCHES      |                            |              | TL                     | TT |  |  |
| <div>5° TAPER BEAD SEAT RIMS<br/>(5 PIECES)</div>  | 33 - 13.00/2.5 IN <sup>(*)</sup> | 330<br>13.0  | 63.5<br>2.5       | 838               |                            | 18.00 R 33   | Strix<br>(OR 3-33)     |    |  |  |
|                                                                                                                                     | 33 - 15.00/3.0 IN <sup>(*)</sup> | 381.0<br>15  | 76.2<br>3.0       |                   | R                          | 21.00 R 33   |                        |    |  |  |
|                                                                                                                                     | 33 - 28.00/4.0                   | 711<br>28.0  | 101.5<br>4.0      |                   | A                          | 33.5 R 33    |                        |    |  |  |
|                                                                                                                                     | 33 - 28.00/3.5                   | 711<br>28.0  | 89<br>3.5         |                   | A                          | 35/65 R 33   |                        |    |  |  |
|                                                                                                                                     | 33 - 32.00/4.5                   | 813<br>32.0  | 114.5<br>4.5      |                   | R                          | 37.5 R 33    |                        |    |  |  |
|                                                                                                                                     | 35 - 15.00/3.0 IN <sup>(*)</sup> | 381<br>15.0  | 76<br>3.0         | 889               | R                          | 21.00 R 35   | Stras<br>(OR 3-35)     |    |  |  |
|                                                                                                                                     | 35 - 17.00/3.0                   | 432<br>17.0  | 76<br>3.0         |                   | A                          | 21.00 R 35   |                        |    |  |  |
|                                                                                                                                     | 35 - 17.00/3.5                   | 432<br>17.0  | 89<br>3.5         |                   | R                          | 24.00 R 35   |                        |    |  |  |
|                                                                                                                                     | 35 - 25.00/3.5                   | 635<br>25.0  | 89<br>3.5         |                   | R                          | 29.5 R 35    |                        |    |  |  |
|                                                                                                                                     | 35 - 27.00/3.5                   | 686<br>27.0  | 89<br>3.5         |                   | R                          | 33.25 R 35   |                        |    |  |  |
|                                                                                                                                     |                                  |              |                   |                   | A                          | 29.5 R 35    |                        |    |  |  |
|                                                                                                                                     | 35 - 29.00/3.5                   | 737<br>29.0  | 89<br>3.5         |                   | A                          | 33.25 R 35   |                        |    |  |  |
|                                                                                                                                     |                                  |              |                   |                   | A                          | 37.25 R 35   |                        |    |  |  |
|                                                                                                                                     | 35 - 31.00/4.0                   | 787<br>31.0  | 101.5<br>4.0      |                   | R                          | 37.25 R 35   |                        |    |  |  |
|                                                                                                                                     | 39 - 32.00/4.5                   | 813<br>32.0  | 114.5<br>4.5      | 991               | R                          | 37.5 R 39    | Fuodi<br>(OR 3-39)     |    |  |  |
|                                                                                                                                     |                                  |              |                   |                   | R                          | 40.5/75 R 39 |                        |    |  |  |
|                                                                                                                                     |                                  |              |                   |                   | A                          | 45/65 R 39   |                        |    |  |  |
|                                                                                                                                     | 39 - 36.00/4.5                   | 914<br>36.0  | 114.5<br>4.5      |                   | R                          | 45/65 R 39   |                        |    |  |  |
|                                                                                                                                     | 45 - 36.00/4.5                   | 914<br>36.0  | 114.5<br>4.5      | 1143              | R                          | 45/65 R 39   | Réf. 1580<br>(OR 3-45) |    |  |  |
|                                                                                                                                     |                                  |              |                   |                   | R                          | 45/65 R 45   |                        |    |  |  |
|                                                                                                                                     | 49 - 17.00/3.5                   | 432<br>17.0  | 89<br>3.5         | 1245              | R                          | 24.00 R 49   | Heyco<br>(OR 3-49)     |    |  |  |
|                                                                                                                                     | 49 - 19.50/4.0                   | 495<br>19.5  | 101.5<br>4.0      |                   | R                          | 27.00 R 49   |                        |    |  |  |
|                                                                                                                                     | 51 - 22.00/4.5                   | 559<br>22.0  | 114.5<br>4.5      | 1295              | R                          | 30.00 R 51   | Réf. 1479<br>(OR 4-51) |    |  |  |
|                                                                                                                                     | 51 - 24.00/5.0                   | 610<br>24.0  | 127<br>5.0        |                   | R                          | 33.00 R 51   |                        |    |  |  |
|                                                                                                                                     | 51 - 26.00/5.0                   | 660<br>26.0  | 127<br>5.0        |                   | R                          | 36.00 R 51   |                        |    |  |  |

\*\* R = Recommended - A = Allowed

(\*) New wheels have additional marking **IN**:

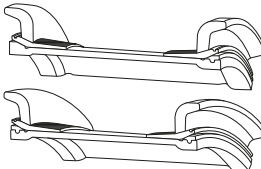
The IF flanges feature an Integrated Flange. They are 3-piece rims suited for radial tires.

The IN rims present a larger flange width and exist as 3-piece or 5-piece types.

### COMPONENTS USED WITH MICHELIN EARTHMOVER TIRES

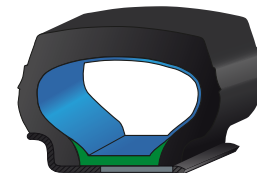
#### APPROVED RIMS FOR MICHELIN EARTHMOVER TIRES

Check that the rim support is at least the weight carried by the tire.

| RIM TYPES                                                                                                                                        | RIM<br>DESIGN.      | F<br>MM<br>INCHES | H <sup>(13)</sup><br>MM<br>INCHES | D <sup>(14)</sup><br>MM<br>INCHES | RIM<br>R/A <sup>(11)</sup> | TIRE SIZES        | SEAL                   |    |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-------------------|-----------------------------------|-----------------------------------|----------------------------|-------------------|------------------------|----|--|
|                                                                                                                                                  |                     |                   |                                   |                                   |                            |                   | TL                     | TT |  |
| <b>5° TAPER BEAD SEAT RIMS<br/>(FROM 6 TO 8 PIECES)</b><br><br> | 57 - 27.00/6.0      | 686<br>27.0       | 152<br>6.0                        | 1448                              | R                          | 37.00 R 57        | Réf. 1481<br>(OR 4-57) |    |  |
|                                                                                                                                                  | 57 - 29.00/6.0      | 736<br>29.0       | 152<br>6.0                        |                                   | R                          | 40.00 R 57        |                        |    |  |
|                                                                                                                                                  |                     |                   |                                   |                                   | A                          | 37.00 R 57        |                        |    |  |
|                                                                                                                                                  |                     |                   |                                   |                                   | A                          | 50/80 R 57 XDR250 |                        |    |  |
|                                                                                                                                                  | 57 - 32.00/5.0      | 813<br>32.0       | 127<br>5.0                        |                                   | A                          | 40.00 R 57        |                        |    |  |
|                                                                                                                                                  |                     |                   |                                   |                                   | A                          | 40.00 R 57        |                        |    |  |
|                                                                                                                                                  | 57 - 32.00/6.0      | 813<br>32.0       | 152<br>6.0                        |                                   | R                          | 50/80 R 57 XDR250 |                        |    |  |
|                                                                                                                                                  |                     |                   |                                   |                                   | A                          | 50/80 R 57 XDR    |                        |    |  |
|                                                                                                                                                  | 57 - 32.00/6.5      | 813<br>32.0       | 165<br>6.5                        |                                   | A                          | 50/90 R 57        |                        |    |  |
|                                                                                                                                                  | 57 - 34.00/6.0      | 863<br>34.0       | 152<br>6.0                        |                                   | A                          | 50/80 R 57 XDR    |                        |    |  |
|                                                                                                                                                  | 57 - 42.00/5.0      | 1067<br>42.0      | 127<br>5.0                        |                                   | A                          | 55/80 R 57        |                        |    |  |
|                                                                                                                                                  | 57 - 44.00/5.0      | 1117<br>44.0      | 127<br>5.0                        |                                   | A                          | 55/80 R 57        |                        |    |  |
|                                                                                                                                                  | 57 - 47.00/5.0      | 1194<br>47.0      | 127<br>5.0                        |                                   | A                          | 60/80 R 57        |                        |    |  |
|                                                                                                                                                  | 63 - 36.00/5.0      | 914<br>36.0       | 127<br>5.0                        | 1600                              | A                          | 53/80 R 63        | Réf. 2053<br>(OR 4-63) |    |  |
|                                                                                                                                                  | 63 - 38.00/5.0      | 965<br>38.0       | 127<br>5.0                        |                                   | A                          | 53/80 R 63        |                        |    |  |
|                                                                                                                                                  | 63 - 41.00/5.0      | 1041<br>41.0      | 127<br>5.0                        |                                   | A                          | 55/80 R 63        |                        |    |  |
|                                                                                                                                                  |                     |                   |                                   |                                   | A                          | 56/80 R 63        |                        |    |  |
|                                                                                                                                                  | 63 - 44.00/5.0[6.0] | 1117<br>44.0      | 127<br>5.0                        |                                   | A                          | 59/80 R 63        |                        |    |  |

\*\* R = Recommended - A = Allowed

### COMPONENTS USED WITH MICHELIN EARTHMOVER TIRES



#### FLAP + TUBE SOLUTION

| RIM & TIRE SIZE   |                                                                                                                |                             | FLAPS<br>(FITTING ONLY ON FLAT BASE RIM<br>OR SEMI DROP CENTER RIM 1 OR 2<br>TAPERED BEADS SEAT 5°)<br>(PACKAGING = 5) |        | TUBES<br>(FOR RIMS WITH OFFSET HOLE, PLEASE USE CONVENIENT FLAPS AND TUBES) |                      |                     |         |        |
|-------------------|----------------------------------------------------------------------------------------------------------------|-----------------------------|------------------------------------------------------------------------------------------------------------------------|--------|-----------------------------------------------------------------------------|----------------------|---------------------|---------|--------|
| RIM Ø<br>(INCHES) | Ø WIDTH RIM<br>RECOM-<br>MENDED<br>(INCHES)                                                                    | TIRE SIZE                   | DESCRIPTION                                                                                                            | CAI    | DESCRIPTION<br>(PACKAGING)                                                  | VALVE TYPE           | ETRTO / TRA<br>REF. | MI REF. | CAI    |
| 15                | 5.5<br>6.0<br>6.00S<br>6.5<br>B6.5                                                                             | 7.50 R 15                   | 15x6.00 E                                                                                                              | 843437 | 15/16J<br>(16)                                                              | WITHOUT (UPLR R1548) | -                   | -       | 101107 |
|                   |                                                                                                                |                             |                                                                                                                        |        |                                                                             | SINGLE BEND          | V3-02-2             | 570     | 101106 |
|                   |                                                                                                                |                             |                                                                                                                        |        |                                                                             | DOUBLE BEND          | V3-05-1             | 1221    | 101146 |
|                   | 6.5                                                                                                            | 8.25 R 15                   | 15x6.00 E                                                                                                              | 843437 | 15K<br>(12)                                                                 | WITHOUT (UPLR R1548) | -                   | -       | 101124 |
|                   |                                                                                                                |                             |                                                                                                                        |        |                                                                             | SINGLE BEND          | V3-02-9             | 1156    | 101128 |
|                   | 7.0                                                                                                            |                             | 15x7.50 E                                                                                                              | 904287 |                                                                             | DOUBLE BEND          | V3-05-1             | 1221    | 101126 |
|                   | 8.0                                                                                                            | 315/70 R 15                 | 15x7.50 E                                                                                                              | 904287 | 15P<br>(7)                                                                  | WITHOUT (UPLR R1548) | -                   | -       | 510208 |
|                   |                                                                                                                |                             |                                                                                                                        |        |                                                                             | TRIPLE BEND          | V3-06-5             | 582     | 510204 |
| 20                | 6.5<br>B6.5<br>7.0T<br>7.0<br>B7.0<br>7.33V<br>B7.5<br>7.5                                                     | 9.00 R 20                   | 20x7.50 E                                                                                                              | 320222 | 20M<br>(9)                                                                  | WITHOUT (UPLR R1548) | -                   | -       | 101149 |
|                   |                                                                                                                |                             | 20x7.50 EM                                                                                                             | 627065 |                                                                             | SINGLE BEND          | V3-02-12            | 1157    | 101153 |
|                   |                                                                                                                |                             |                                                                                                                        |        |                                                                             | TRIPLE BEND          | V3-06-3             | 581     | 101154 |
|                   | 7.33V<br>7.5<br>B7.5<br>8.0<br>B8.0<br>8.0V<br>8.00V<br>8.5<br>B8.5<br>8.50V<br>9.0<br>9.00V<br>10.0<br>10.00V | E 20 Pilote<br>(13/80 R 20) | 20x8.50 E                                                                                                              | 162318 | 20P<br>(6)                                                                  | WITHOUT (UPLR R1548) | -                   | -       | 101171 |
|                   |                                                                                                                |                             | 20x8.50 EM                                                                                                             | 726102 |                                                                             | SINGLE BEND          | V3-02-14            | 1158    | 101173 |
|                   |                                                                                                                |                             |                                                                                                                        |        |                                                                             | TRIPLE BEND          | V3-06-5             | 582     | 101174 |
|                   |                                                                                                                |                             |                                                                                                                        |        |                                                                             | FIXED                | TR78A               | TR78A   | 008811 |
|                   | 8.0<br>8.5<br>B8.5<br>8.5V<br>8.50V<br>9.0<br>9.00V                                                            | 12.00 R 20                  | 20x8.50 E                                                                                                              | 162318 | 20Q<br>(5)                                                                  | WITHOUT (UPLR R1548) | -                   | -       | 101190 |
|                   |                                                                                                                |                             | 20x8.50 EM                                                                                                             | 726102 |                                                                             | SINGLE BEND          | V3-02-15            | 1138    | 101185 |
|                   |                                                                                                                |                             |                                                                                                                        |        |                                                                             | SINGLE BEND          | V3-02-14            | 1158    | 101192 |
|                   |                                                                                                                |                             |                                                                                                                        |        |                                                                             | TRIPLE BEND          | V3-06-5             | 582     | 101193 |
|                   | 10.00W<br>10.0                                                                                                 | 14.00 R 20                  | 20x10.00 E                                                                                                             | 622293 | 20Q<br>(5)                                                                  | WITHOUT (UPLR R1548) | -                   | -       | 101190 |
|                   |                                                                                                                |                             |                                                                                                                        |        |                                                                             | SINGLE BEND          | V3-02-15            | 1138    | 101185 |
|                   |                                                                                                                |                             |                                                                                                                        |        |                                                                             | SINGLE BEND          | V3-02-14            | 1158    | 101192 |
|                   |                                                                                                                |                             |                                                                                                                        |        |                                                                             | TRIPLE BEND          | V3-06-5             | 582     | 101193 |
|                   | 10.00W<br>11.25                                                                                                | 16.00 R 20                  | 20x10.00 E                                                                                                             | 622293 | 20V<br>(1)                                                                  | SINGLE BEND          | V3-02-3             | 576     | 511937 |

FOR VALVE TYPE DESCRIPTION, PLEASE REFER TO THE PAGE 163

### COMPONENTS USED WITH MICHELIN EARTHMOVER TIRES

#### FLAP + TUBE SOLUTION

| RIM & TIRE SIZE   |                                                      |                                          | FLAPS<br>(FITTING ONLY ON FLAT BASE RIM<br>OR SEMI DROP CENTER RIM 1 OR 2<br>TAPERED BEADS SEAT 5°)<br>(PACKAGING = 5) |        | TUBES<br>(FOR RIMS WITH OFFSET HOLE, PLEASE USE CONVENIENT FLAPS AND TUBES) |                      |                     |         |                  |
|-------------------|------------------------------------------------------|------------------------------------------|------------------------------------------------------------------------------------------------------------------------|--------|-----------------------------------------------------------------------------|----------------------|---------------------|---------|------------------|
| RIM Ø<br>(INCHES) | Ø WIDTH RIM<br>RECOM-<br>MENDED<br>(INCHES)          | TIRE SIZE                                | DESCRIPTION                                                                                                            | CAI    | DESCRIPTION<br>(PACKAGING)                                                  | VALVE TYPE           | ETRTO / TRA<br>REF. | MI REF. | CAI              |
| 20.5              | 16.00 DC                                             | 525/65 R<br>20.5<br>(20.5 R 20.5)        | WITHOUT                                                                                                                | -      | 19.5/20.5UD <sup>(1)</sup><br>(3)                                           | STRAIGHT             | -                   | 1964    | 101280           |
|                   | 18.00 DC                                             | 24 R 20.5                                | WITHOUT                                                                                                                | -      | 20.5W AMD <sup>(2)</sup><br>(1)                                             | SINGLE BEND          | V5-04-1<br>TRJ650   | 1837    | 101331           |
| 21                | 18.00                                                | 24 R 21                                  | WITHOUT                                                                                                                | -      | 21W AM<br>(1)                                                               | SINGLE BEND          | V5-04-1<br>TRJ650   | 1837    | 101333           |
| 24                | 7.33V<br>7.5<br>8.0<br>8.0V<br>8.00V<br>8.5<br>8.50V | 12.00 R 24                               | 24/25x8.50<br>E                                                                                                        | 018130 | 24Q<br>(4)                                                                  | WITHOUT (UPLR R1548) | -                   | -       | 101194           |
|                   |                                                      |                                          |                                                                                                                        |        |                                                                             | TRIPLE BEND          | V3-06-5             | 582     | 101196           |
|                   | 8.00TG SDC<br>9.00/1.5 DC<br>10.00 VA SDC            | 13.00 R 24<br>XGLA2 TG                   | -                                                                                                                      | -      | M703<br>(1)                                                                 | STRAIGHT             | V7-01-1<br>TR218A   | M703    | 027015           |
|                   |                                                      |                                          |                                                                                                                        |        | 703<br>(1)                                                                  | STRAIGHT             | V7-01-1<br>TR218A   | 703     | 171114<br>KLEBER |
|                   | 8.00TG SDC<br>9.00/1.5 DC<br>10.00 VA SDC            | 14.00 R 24<br>XGLA2 TG<br>XSNOPLUS<br>TG | -                                                                                                                      | -      | 24TD <sup>(3)</sup><br>(4)                                                  | WITHOUT (UPLR R1548) | -                   | -       | 101242           |
|                   |                                                      |                                          |                                                                                                                        |        |                                                                             | SINGLE BEND          | V3-02-4             | 577     | 101244           |
|                   | 9.00V<br>9.0<br>10.0/2.0<br>10.00W                   | 14.00 R 24<br>XKA<br>XKD1                | -                                                                                                                      | -      | 24/25T<br>(3)                                                               | WITHOUT (UPLR R1548) | -                   | -       | 514507           |
|                   |                                                      |                                          |                                                                                                                        |        |                                                                             | SINGLE BEND          | V3-02-17            | 752     | 514503           |
|                   |                                                      |                                          |                                                                                                                        |        |                                                                             | SINGLE BEND          | V3-02-3             | 576     | 514500           |
|                   | 9.00V<br>9.0<br>10.0/2.0<br>10.00W                   | 14.00 R 24<br>XKA<br>XKD1<br>XSM D2+     | -                                                                                                                      | -      | 24/25T AM<br>(3)                                                            | SINGLE BEND          | V5-04-1<br>TRJ650   | 1837    | 101781           |
|                   | 9.00V<br>9.0<br>10.0<br>10.0W                        | 15.00 R 24<br>(17/80 R 24)<br>XLC C1     | -                                                                                                                      | -      | 24/25T AM<br>(3)                                                            | SINGLE BEND          | V5-04-1<br>TRJ650   | 1837    | 101781           |
|                   | 10.00 VA<br>SDC                                      | 16.00 R 24<br>XGLA2 TG                   | -                                                                                                                      | -      | 24/25VD <sup>(4)</sup><br>(3)                                               | WITHOUT (UPLR R1548) | -                   | -       | 101298           |
|                   |                                                      |                                          |                                                                                                                        |        |                                                                             | WITHOUT (UPLR R1548) | -                   | -       | 514507           |
|                   | 9.00V<br>9.0<br>10.0/2.0<br>10.00W                   | 385/95 R 24<br>XSNOPLUS<br>XMH S         | -                                                                                                                      | -      | 24/25T<br>(3)                                                               | SINGLE BEND          | V3-02-17            | 752     | 514503           |
|                   |                                                      |                                          |                                                                                                                        |        |                                                                             | SINGLE BEND          | V3-02-3             | 576     | 514500           |
|                   |                                                      |                                          |                                                                                                                        |        | 24/25T AM<br>(3)                                                            | SINGLE BEND          | V5-04-1<br>TRJ650   | 1837    | 101781           |
|                   | 10.00W<br>10.0<br>11.25/1.3                          | 385/95 R 24<br>X-CRANE                   | -                                                                                                                      | -      | 24/25T<br>(3)                                                               | WITHOUT (UPLR R1548) | -                   | -       | 514507           |
|                   |                                                      |                                          |                                                                                                                        |        |                                                                             | SINGLE BEND          | V3-02-17            | 752     | 514503           |
|                   |                                                      |                                          |                                                                                                                        |        |                                                                             | SINGLE BEND          | V3-02-3             | 576     | 514500           |

(1) 19.5/20.5UD, CAI 101280 offset valve: 75mm

(2) 20.5W AMD, CAI 101331 offset valve: 100 mm

(3) 24TD, CAI 101242 offset valve base 35 mm & CAI 101244 offset valve: 35mm

(4) 24/25VD, CAI 101298 offset valve base 35 mm

FOR VALVE TYPE DESCRIPTION, PLEASE REFER TO THE PAGE 163

### COMPONENTS USED WITH MICHELIN EARTHMOVER TIRES

#### FLAP + TUBE SOLUTION

| RIM & TIRE SIZE   |                                             |                                              | FLAPS<br>(FITTING ONLY ON FLAT BASE RIM<br>OR SEMI DROP CENTER RIM 1 OR 2<br>TAPERED BEADS SEAT 5°)<br>(PACKAGING = 5) |     | TUBES<br>(FOR RIMS WITH OFFSET HOLE, PLEASE USE CONVENIENT FLAPS AND TUBES) |                      |                     |         |        |
|-------------------|---------------------------------------------|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------|-----|-----------------------------------------------------------------------------|----------------------|---------------------|---------|--------|
| RIM Ø<br>(INCHES) | Ø WIDTH RIM<br>RECOM-<br>MENDED<br>(INCHES) | TIRE SIZE                                    | DESCRIPTION                                                                                                            | CAI | DESCRIPTION<br>(PACKAGING)                                                  | VALVE TYPE           | ETRTO / TRA<br>REF. | MI REF. | CAI    |
| 25                | 10.00/1.5<br>11.25/1.3                      | 14.00 R 25<br>XH D1 A                        | -                                                                                                                      | -   | 24/25T<br>(3)                                                               | WITHOUT (UPLR R1548) | -                   | -       | 514507 |
|                   |                                             |                                              |                                                                                                                        |     |                                                                             | SINGLE BEND          | V3-02-17            | 752     | 514503 |
|                   |                                             |                                              |                                                                                                                        |     |                                                                             | SINGLE BEND          | V3-02-3             | 576     | 514500 |
|                   | 10.00/1.5<br>11.25/1.3                      | 14.00 R 25<br>XH D1 A                        | -                                                                                                                      | -   | 24/25T AM<br>(3)                                                            | SINGLE BEND          | V5-04-1<br>TRJ650   | 1837    | 101781 |
|                   |                                             |                                              |                                                                                                                        |     |                                                                             | WITHOUT (UPLR R1548) | -                   | -       | 514507 |
|                   |                                             |                                              |                                                                                                                        |     |                                                                             | SINGLE BEND          | V3-02-17            | 752     | 514503 |
|                   | 9.50/1.7 CR<br>10.00/1.5<br>11.25/1.3       | 385/95 R 25<br>XSNOLPUS<br>XMH S<br>X-CRANE+ | -                                                                                                                      | -   | 24/25T<br>(3)                                                               | SINGLE BEND          | V3-02-3             | 576     | 514500 |
|                   |                                             |                                              |                                                                                                                        |     |                                                                             | SINGLE BEND          | V5-04-1<br>TRJ650   | 1837    | 101781 |
|                   |                                             |                                              |                                                                                                                        |     |                                                                             | SINGLE BEND          | V5-04-1<br>TRJ650   | 1837    | 101781 |
|                   | 12.00/1.3<br>12.00/1.3 DC<br>13.00/1.4 DC   | 15.5 R 25                                    | -                                                                                                                      | -   | 24/25T AM<br>(3)                                                            | SINGLE BEND          | V5-04-1<br>TRJ650   | 1837    | 101771 |
|                   |                                             |                                              |                                                                                                                        |     |                                                                             | SINGLE BEND          | V5-04-1<br>TRJ650   | 1837    | 101811 |
|                   |                                             |                                              |                                                                                                                        |     |                                                                             | SINGLE BEND          | V5-04-1<br>TRJ650   | 1837    | 101811 |
|                   | 11.25/2.0<br>13.00/2.0                      | 16.00 R 25                                   | -                                                                                                                      | -   | 24/25V AM<br>(1)                                                            | SINGLE BEND          | V5-04-1<br>TRJ650   | 1837    | 101811 |
|                   |                                             |                                              |                                                                                                                        |     |                                                                             | SINGLE BEND          | V5-04-1<br>TRJ650   | 1837    | 101811 |
|                   |                                             |                                              |                                                                                                                        |     |                                                                             | SINGLE BEND          | V5-04-1<br>TRJ650   | 1837    | 101811 |
|                   | 14.00/1.7 CR<br>14.00/1.5                   | 445/80 R 25                                  | -                                                                                                                      | -   | 24/25T AM<br>(3)                                                            | SINGLE BEND          | V5-04-1<br>TRJ650   | 1837    | 101811 |
|                   |                                             |                                              |                                                                                                                        |     |                                                                             | SINGLE BEND          | V5-04-1<br>TRJ650   | 1837    | 101811 |
|                   |                                             |                                              |                                                                                                                        |     |                                                                             | SINGLE BEND          | V5-04-1<br>TRJ650   | 1837    | 101811 |
|                   | 11.00/1.7 CR<br>11.25/2.0                   | 445/95 R 25                                  | -                                                                                                                      | -   | 24/25V AM<br>(1)                                                            | SINGLE BEND          | V5-04-1<br>TRJ650   | 1837    | 101811 |
|                   |                                             |                                              |                                                                                                                        |     |                                                                             | SINGLE BEND          | V5-04-1<br>TRJ650   | 1837    | 101811 |
|                   |                                             |                                              |                                                                                                                        |     |                                                                             | SINGLE BEND          | V5-04-1<br>TRJ650   | 1837    | 101811 |
|                   | 14.00/1.5                                   | 17.5 R 25                                    | -                                                                                                                      | -   | 24/25T AM<br>(3)                                                            | SINGLE BEND          | V5-04-1<br>TRJ650   | 1837    | 101811 |
|                   |                                             |                                              |                                                                                                                        |     |                                                                             | SINGLE BEND          | V5-04-1<br>TRJ650   | 1837    | 101811 |
|                   |                                             |                                              |                                                                                                                        |     |                                                                             | SINGLE BEND          | V5-04-1<br>TRJ650   | 1837    | 101811 |
|                   | 13.00/2.5<br>15.00/2.5                      | 18.00 R 25                                   | -                                                                                                                      | -   | 25W AM<br>(1)                                                               | SINGLE BEND          | V5-04-1<br>TRJ650   | 1837    | 101811 |
|                   |                                             |                                              |                                                                                                                        |     |                                                                             | SINGLE BEND          | V5-04-1<br>TRJ650   | 1837    | 101811 |
|                   |                                             |                                              |                                                                                                                        |     |                                                                             | SINGLE BEND          | V5-04-1<br>TRJ650   | 1837    | 101811 |
|                   | 10.0/2.0<br>13.00/2.5<br>15.00/2.5          | 505/95 R 25                                  | -                                                                                                                      | -   | 25W AM<br>(1)                                                               | SINGLE BEND          | V5-04-1<br>TRJ650   | 1837    | 101811 |
|                   |                                             |                                              |                                                                                                                        |     |                                                                             | SINGLE BEND          | V5-04-1<br>TRJ650   | 1837    | 101811 |
|                   |                                             |                                              |                                                                                                                        |     |                                                                             | SINGLE BEND          | V5-04-1<br>TRJ650   | 1837    | 101811 |
|                   | 17.00/1.7<br>17.00/2.0                      | 20.5 R 25                                    | -                                                                                                                      | -   | 24/25V AM<br>(1)                                                            | SINGLE BEND          | V5-04-1<br>TRJ650   | 1837    | 101811 |
|                   |                                             |                                              |                                                                                                                        |     |                                                                             | SINGLE BEND          | V5-04-1<br>TRJ650   | 1837    | 101811 |
|                   |                                             |                                              |                                                                                                                        |     |                                                                             | SINGLE BEND          | V5-04-1<br>TRJ650   | 1837    | 101811 |
|                   | 17.00/1.7 CR<br>17.00/2.0                   | 525/80 R 25                                  | -                                                                                                                      | -   | 24/25V AM<br>(1)                                                            | SINGLE BEND          | V5-04-1<br>TRJ650   | 1837    | 101811 |
|                   |                                             |                                              |                                                                                                                        |     |                                                                             | SINGLE BEND          | V5-04-1<br>TRJ650   | 1837    | 101811 |
|                   |                                             |                                              |                                                                                                                        |     |                                                                             | SINGLE BEND          | V5-04-1<br>TRJ650   | 1837    | 101811 |
|                   | 15.00/3.0                                   | 21.00 R 25                                   | -                                                                                                                      | -   | 25YB AM<br>(1)                                                              | SINGLE BEND          | V5-04-1<br>TRJ650   | 1837    | 101346 |
|                   |                                             |                                              |                                                                                                                        |     |                                                                             | SINGLE BEND          | V5-04-1<br>TRJ650   | 1837    | 101346 |
|                   |                                             |                                              |                                                                                                                        |     |                                                                             | SINGLE BEND          | V5-04-1<br>TRJ650   | 1837    | 101346 |
|                   | 17.00/1.7<br>17.00/2.0                      | 550/65 R 25                                  | -                                                                                                                      | -   | 25W AM<br>(1)                                                               | SINGLE BEND          | V5-04-1<br>TRJ650   | 1837    | 101811 |
|                   |                                             |                                              |                                                                                                                        |     |                                                                             | SINGLE BEND          | V5-04-1<br>TRJ650   | 1837    | 101811 |
|                   |                                             |                                              |                                                                                                                        |     |                                                                             | SINGLE BEND          | V5-04-1<br>TRJ650   | 1837    | 101811 |
|                   | 19.5/2.5                                    | 23.5 R 25                                    | -                                                                                                                      | -   | 25W AM<br>(1)                                                               | SINGLE BEND          | V5-04-1<br>TRJ650   | 1837    | 101811 |
|                   |                                             |                                              |                                                                                                                        |     |                                                                             | SINGLE BEND          | V5-04-1<br>TRJ650   | 1837    | 101811 |
|                   |                                             |                                              |                                                                                                                        |     |                                                                             | SINGLE BEND          | V5-04-1<br>TRJ650   | 1837    | 101811 |
|                   | 22.00/3.0<br>22.00/3.0 IF                   | 26.5 R 25                                    | -                                                                                                                      | -   | 25YB AM<br>(1)                                                              | SINGLE BEND          | V5-04-1<br>TRJ650   | 1837    | 101346 |
|                   |                                             |                                              |                                                                                                                        |     |                                                                             | SINGLE BEND          | V5-04-1<br>TRJ650   | 1837    | 101346 |
|                   |                                             |                                              |                                                                                                                        |     |                                                                             | SINGLE BEND          | V5-04-1<br>TRJ650   | 1837    | 101346 |
|                   | 25.00/3.5                                   | 29.5 R 25                                    | -                                                                                                                      | -   | 25YB AM<br>(1)                                                              | SINGLE BEND          | V5-04-1<br>TRJ650   | 1837    | 101346 |
|                   |                                             |                                              |                                                                                                                        |     |                                                                             | SINGLE BEND          | V5-04-1<br>TRJ650   | 1837    | 101346 |
|                   |                                             |                                              |                                                                                                                        |     |                                                                             | SINGLE BEND          | V5-04-1<br>TRJ650   | 1837    | 101346 |

FOR VALVE TYPE DESCRIPTION, PLEASE REFER TO THE PAGE 163



## **COMPONENTS USED WITH MICHELIN EARTHMOVER TIRES**

### **EXPLANATION ON THE TUBE AND THE FLAP MARKINGS**

#### *EXPLANATION ON THE TUBE MARKINGS*

Example 1: **24/25 V AM**

example2: **25 YB AM**

The first two numbers indicate the bead seat (rim) diameter of the tire into which the tube can be fitted.

(In the first example, the tube may be fitted in 24- and 25-inch tires. In the second example, the tube may be fitted only in 25 inch tires).

The first letter corresponds to the section width of the tube (internal width of the tire).

This ranges from A to Z, with A being the smallest, and Z the largest (In the examples above, V and Y indicate that the tubes are designed for fitting into tires of relatively large section width.)

Sometimes, a second letter provides additional information (example 2); B, E, F and H indicate intermediate widths.

The third and fourth letters are an indication of the valve type.

AM indicates that the tube is fitted with an American valve base: R1946 (TRA SP4000) and a valve stem R1837 (TRJ 650).

D would indicate that the valve is offset. T would indicate a tractor tube fitted with an air-water valve, type TR 218A.

Explanation on valves and valve bases are given on subsequent pages.

#### *EXPLICATIONS ON THE FLAP MARKINGS*

Example 1: **14-24/25**

The first number indicates the total width of the flap when laid flat (includes height of edges), expressed in either millimeters or in inches.

In the example above, the width of the flap is 14 inches.

The second number indicates the rim diameter, or the tire bead seat (rim) diameter in inches, with which the flap is to be used.

In this example, the flap may be used with 24- and 25-inch tires.

Additional letters may be used to provide supplementary information.

For example, the significance of different letters is as follows: L—the edges are tapered, B—the flap has a reinforcing boss around the valve hole, S—the flap is reinforced, D—offset hole valve.

Example 2: **20 x 8.50 E**

The first number indicates the tire seat diameter, expressed in inches, with which the flap is to be used.

In this example, the flap may be used with 20-inch tires.

The second number indicates the overall width of the flap (width + height), in inches.

In this example, the overall width of the flap is 8.50 inches.

Letters correspond to the last generation of flaps.

### COMPONENTS USED WITH MICHELIN EARTHMOVER TIRES

#### O-RINGS OR CORNER SEALS SOLUTION

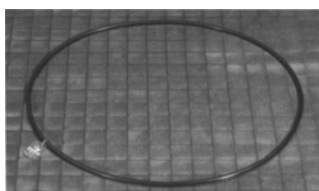
FOR FITTING ON MULTI-PIECES RIMS



#### O-RINGS & CORNER SEALS DESCRIPTION

| RIM Ø<br>(INCHES)                                                                                   | TYPE        | DESCRIPTION   | MICHELIN REF. | CAI    | PACKAGING |
|-----------------------------------------------------------------------------------------------------|-------------|---------------|---------------|--------|-----------|
| For 16" rims                                                                                        | CORNER SEAL | 16            | R 1967        | 553026 | 30        |
|                                                                                                     |             | A-16 SPRAT    | R 1014        | 553007 | 30        |
|                                                                                                     |             | E-16          | R 1786        | 553024 | 30        |
| For 20" rims                                                                                        | CORNER SEAL | A 20 TYRAN    | R 1443        | 553004 | 30        |
|                                                                                                     |             | 20            | R 2050        | 553053 | 30        |
| For 24" rims                                                                                        | CORNER SEAL | B 24/25       | R 1528        | 553021 | 10        |
| For tires 12.00 R 24 XMINE D2                                                                       | CORNER SEAL | G 25 ICERU    | R 1237        | 553012 | 30        |
| For 20" rims in 3 pieces                                                                            | O-RING      | OR 6.6 - 20   | R 1681        | 553215 | 20        |
| For 21" rims                                                                                        | O-RING      | OR 6.8 - 21   | R 1506        | 553213 | 20        |
| For 22.5" rims                                                                                      | O-RING      | OR 22.5       | R 2051        | 553054 | 10        |
| For 25" rim in 3 pieces non IF<br>or for 24" rim 10.00 VA                                           | O-RING      | OR 2-25 HEUPO | R 1438        | 553201 | 20        |
| For 25" rim in 3 pieces IF<br>or in 3 pieces CR for crane or in 5 pieces or<br>for 24" rim 10.00 WA | O-RING      | OR 3-25 SULLA | R 1437        | 553200 | 20        |
| For 29" rims                                                                                        | O-RING      | OR 3-29 SULKY | R 1439        | 553202 | 20        |
| For 32" rims                                                                                        | O-RING      | OR 2-32       | R 2052        | 553055 | 20        |
| For 33" rims                                                                                        | O-RING      | OR 3-33 STRIX | R 1440        | 553203 | 20        |
| For 35" rims                                                                                        | O-RING      | OR 3-35 STRAS | R 1441        | 553204 | 20        |
| For 39" rims                                                                                        | O-RING      | OR 3-39 FUODI | R 1069        | 553206 | 20        |
| For 45" rims                                                                                        | O-RING      | OR 3-45       | R 1580        | 553214 | 20        |
| For 49" rims                                                                                        | O-RING      | OR 3-49 HEYCO | R 1442        | 553205 | 10        |
| For 51" rims                                                                                        | O-RING      | OR 4-51       | R 1479        | 553210 | 10        |
| For 57" rims                                                                                        | O-RING      | OR 4-57       | R 1481        | 553211 | 10        |
| For 63" rims                                                                                        | O-RING      | OR 4-63       | R 2053        | 553056 | 10        |

#### SEAL DESCRIPTION



##### O-RING

Explanation of the sealing ring designation

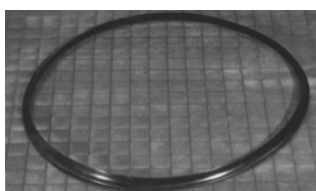
The first number is the section diameter of the seal:

OR: Abbreviation of O-Ring

- imperial number: value expressed in 1/8 of inch (3 = 3/8)

- decimal number: value expressed in mm (6.6 = 6,6 mm)

The second number is the nominal bead seat diameter, expressed in inches.



##### CORNER SEAL

Explanation of the corner seal designation

The letter indicates the profile of the seal.

The number is the nominal rim diameter, in inches.

**Note: Approval for use of corner seals MUST BE obtained from Michelin.**



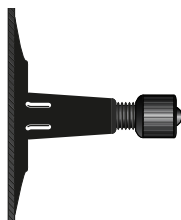
**Never reuse O-rings, valve seals or the valves themselves!**

### COMPONENTS USED WITH MICHELIN EARTHMOVER TIRES

#### VALVES AND ASSOCIATED ACCESSORIES FOR MICHELIN EARTHMOVER TIRES

In all cases, the valve cap is essential because it helps maintain the cleanliness of the mechanism and ensures air tightness of the valve.

##### CAR TUBE TYPE STRAIGHT VALVE



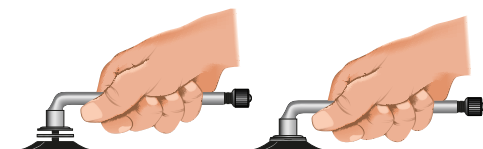
##### VALVE MARKINGS

The valve is circular and is marked in accordance with ETRTO standards, starting at the top of the valve, and in the following order:

- NAME (or trademark) of the valve manufacturer and his reference number.
- ETRTO reference number.

| Michelin code | ETRTO code | Valve code | Valve hole ø in mm |
|---------------|------------|------------|--------------------|
| 611           | V2-01-2    | TR 15      | 16                 |
| 746           | V2-01-1    | TR 13      | 11.5               |

##### FITTING A UNIVERSAL VALVE ON A MICHELIN® TUBE WITH A VALVE BASE



- 1 - Position the sealing ring on the valve.  
The sealing ring must be clean and dry.
- 2 - Hand tighten the valve until it just touches the sealing ring.
- 3 - Tighten the valve for a further two turns.
- 4 - To orientate the valve in the desired position, tighten further.

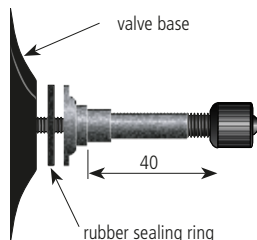


**IMPORTANT: Never unscrew the valve to the desired position.**

**Note:** Do not exceed the tightening guidelines given above.  
Do not forget to replace the valve cap to prevent dirt ingress and to ensure air tightness.

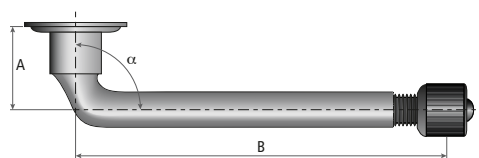
##### SMALL TRUCK, UNIVERSAL STRAIGHT VALVE

Fitted to MICHELIN® tubes for the occasional equipment Tube-Type on 5° and 15° non U taper drop center rim.



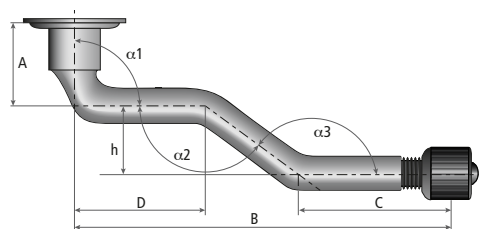
| Michelin code | ETRTO code | Valve hole ø in mm | A  |        |
|---------------|------------|--------------------|----|--------|
|               |            |                    | mm | inches |
| 1964          | /          | 9.7                | 40 | 1.57   |

##### TRUCK-TYPE, UNIVERSAL SINGLE-BEND VALVE



| Michelin code | ETRTO code | A    |        | B     |        | α°  |
|---------------|------------|------|--------|-------|--------|-----|
|               |            | mm   | pouces | mm    | inches |     |
| 570           | V3-02-2    | 22.5 | 0.89   | 43    | 1.69   | 120 |
| 576           | V3-02-3    | 33   | 1.30   | 44.5  | 1.75   | 95  |
| 577           | V3-02-4    | 39.5 | 1.56   | 44.5  | 1.75   | 110 |
| 752           | V3-02-17   | 20.5 | 0.81   | 156.5 | 6.16   | 90  |
| 1158          | V3-02-14   | 20.5 | 0.81   | 138.5 | 5.45   | 94  |

##### TRUCK-TYPE, UNIVERSAL TRIPLE-BEND VALVE



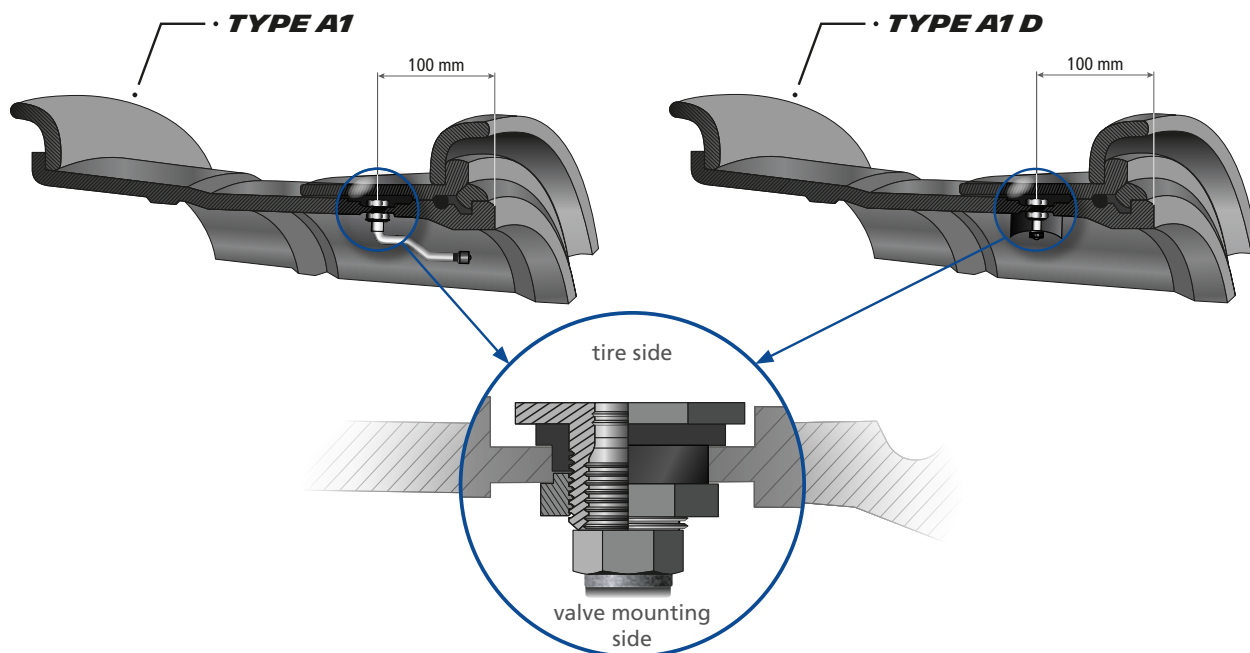
| Michelin code | ETRTO code | α1° | α2° | α3° |
|---------------|------------|-----|-----|-----|
| 582           | V3-06-5    | 90  | 139 | 139 |

| A    |        | B   |        | C  |        | D    |        |
|------|--------|-----|--------|----|--------|------|--------|
| mm   | inches | mm  | inches | mm | inches | mm   | inches |
| 20.5 | 0.81   | 131 | 5.16   | 49 | 1.93   | 62.5 | 2.46   |

### COMPONENTS USED WITH MICHELIN EARTHMOVER TIRES

#### TYPES OF TUBELESS EARTHMOVER VALVES

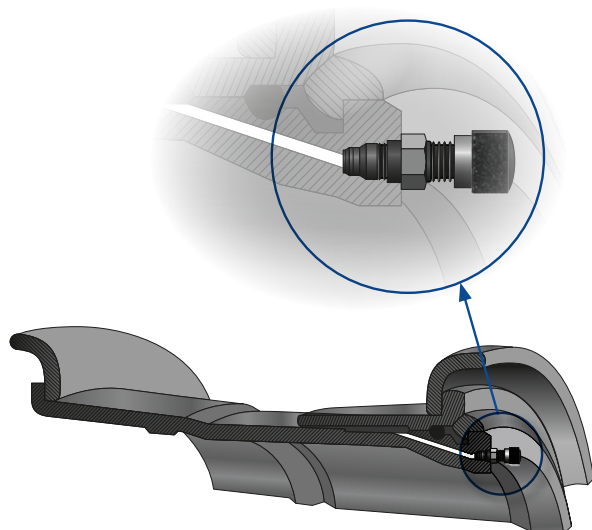
##### VALVE TYPE A1



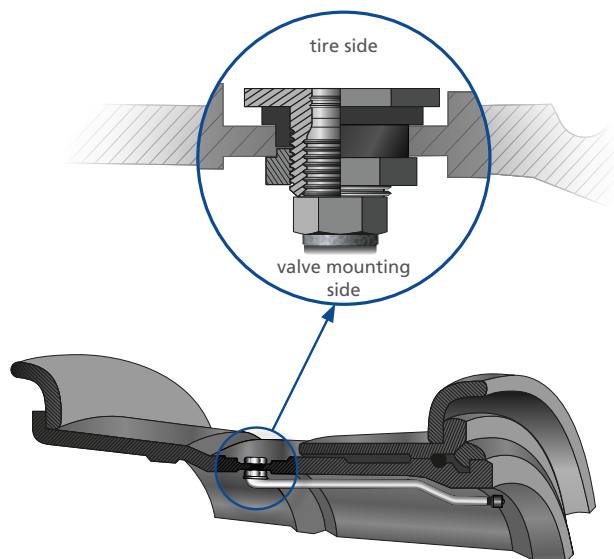
##### VALVE COMBINATION TYPE A4

Comprised of two TYPE A1 valves, both set at 100 mm from the rim edge, to enable water filling.

##### VALVE TYPE A2

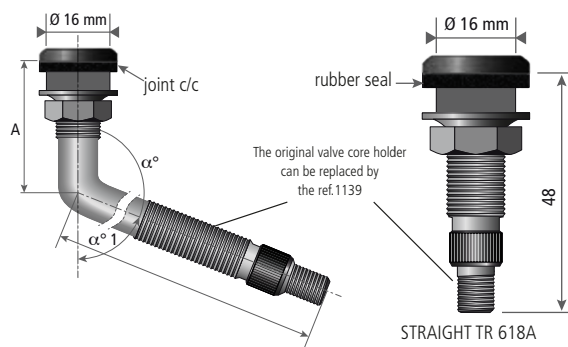


##### VALVE TYPE A3



### COMPONENTS USED WITH MICHELIN EARTHMOVER TIRES

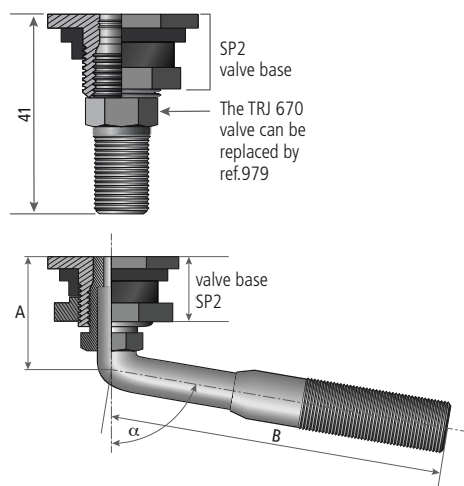
#### AIR AND WATER TUBELESS VALVES, AMERICAN TRA STANDARD



| TRA code | ETRTO designation | A    |        | B   |        | α°   |
|----------|-------------------|------|--------|-----|--------|------|
|          |                   | mm   | inches | mm  | inches |      |
| TR 618 A | V5-01-1           | 47.5 | 1.87   | -   | -      | -    |
| TR 621 A | V5-02-1           | 39   | 1.54   | 76  | 2.99   | 115° |
| TR 622 A | V5-02-2           | 44.5 | 1.75   | 117 | 4.61   | 90°  |
| TR 623 A | V5-02-3           | 39   | 1.54   | 57  | 2.24   | 115° |

Valves for 15.7 mm (0.6-inch) diameter hole

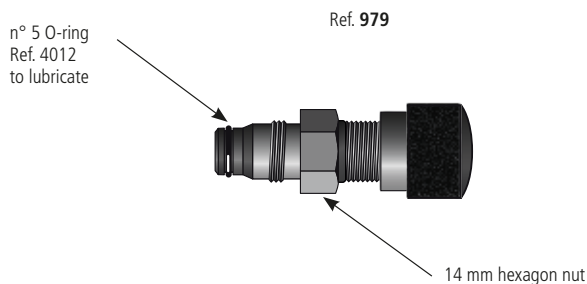
#### EARTHMOVER TUBELESS VALVE (AMERICAN TRA STANDARD)



| Michelin code | TRA code | ETRTO designation | A  |        | B   |        | α°   |
|---------------|----------|-------------------|----|--------|-----|--------|------|
|               |          |                   | mm | inches | mm  | inches |      |
| R 1837        | TRJ 650  | V5-04-1           | 27 | 1.08   | 79  | 3.12   | 100° |
|               | TRJ 651  | V5-04-2           | 32 | 1.27   | 119 | 4.69   | 90°  |
|               | TRJ 652  |                   | 27 | 1.08   | 140 | 5.5    | 94°  |
|               | TRJ 653  |                   | 27 | 1.08   | 63  | 2.5    | 100° |
|               | TRJ 654  |                   | 27 | 1.08   | 79  | 3.12   | 120° |
|               | TRJ 655  |                   | 27 | 1.08   | 79  | 3.12   | 106° |
|               | TRJ 656  |                   | 67 | 2.62   | 94  | 3.69   | 90°  |
|               | TRJ 657  |                   | 27 | 1.08   | 102 | 4      | 100° |
|               | TRJ 658  |                   | 27 | 1.08   | 140 | 5.5    | 100° |
|               | TRJ 659  |                   | 48 | 1.89   | 89  | 3.5    | 90°  |
|               | TRJ 660  |                   | 48 | 1.89   | 222 | 8.75   | 90°  |
|               | TRJ 669  |                   | 27 | 1.08   | 64  | 2.5    | 90°  |
| R 979         | TRJ 670  |                   | 41 | 1.63   | -   | -      | -    |

Valves used on an American valve base SP2 [20.5 mm (0.8-inch) diameter hole] and also on AM tubes.

#### STRAIGHT, LARGE-BORE VALVES



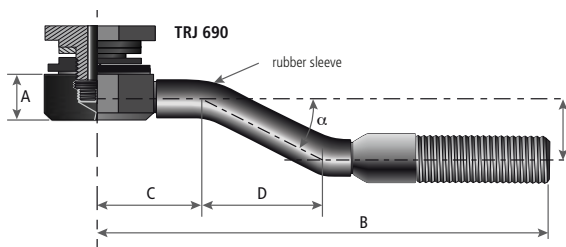
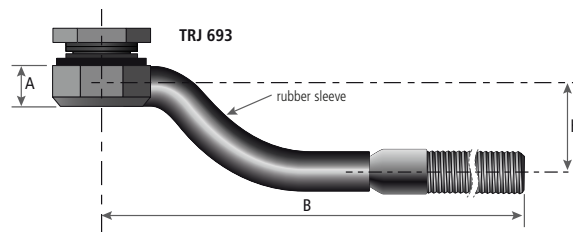
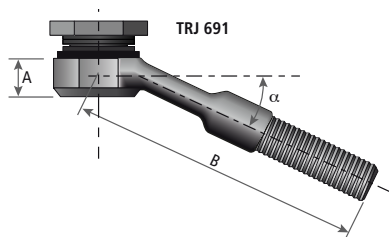
Used with **Type A2** rim contour or with **SP2 base** (may also replace TRJ 670).



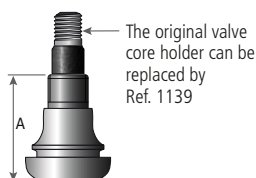
### COMPONENTS USED WITH MICHELIN EARTHMOVER TIRES

#### SINGLE-PIECE VALVES (20,5 mm valve hole)

| TRA code | A  |        | B   |        | C  |        | D  |        | H  |        | $\alpha^\circ$ |
|----------|----|--------|-----|--------|----|--------|----|--------|----|--------|----------------|
|          | mm | inches | mm  | inches | mm | inches | mm | inches | mm | inches |                |
| TRJ 690  | 16 | 0.63   | 119 | 4.69   | 32 | 1.26   | 27 | 1.06   | 14 | 0.55   | 28             |
| TRJ 691  | 16 | 0.63   | 84  | 3.31   |    |        |    |        |    |        | 18             |
| TRJ 693  | 16 | 0.63   | 127 | 5.00   |    |        |    |        | 25 | 0.98   |                |



#### AIR AND WATER TUBELESS, STRAIGHT RUBBER VALVES



| A         | Designation |
|-----------|-------------|
| mm/inches |             |
| 35   1.38 | 35 GSW 15.7 |

Valves for 15.7 mm (0.6-inch) diameter hole

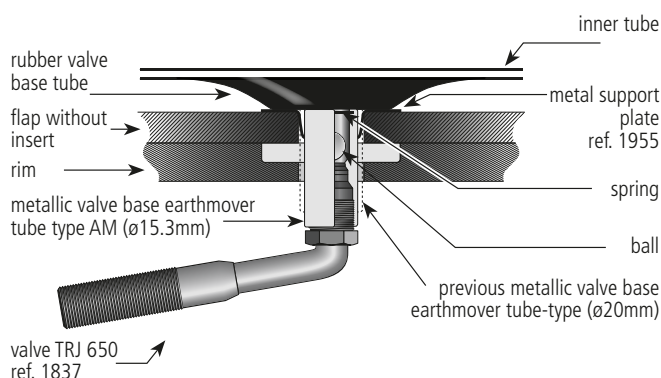


**Caution! Don't use this valve with pressures higher than 4,5 bar.**

#### VALVE BASE

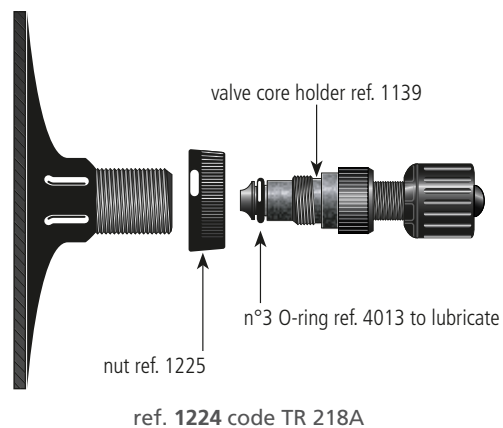
##### ACTUAL VALVAGE

(mounting with tube)



##### AIR AND WATER AGRICULTURAL-TYPE VALVE BASE

Allows tire to be water-filled.  
Valve with core holder 1139 and plastic nut ref. 1225



### HELP WITH THE USE OF EARTHMOVER TIRES

#### MICHELIN EARTHMOVER TIRES FOR TRANSPORT MACHINES

##### DETERMINING INFLATION PRESSURES

- **Determine** the maximum load on each tire by weighing.

This is the only way that tire pressures can be set accurately for optimum performance.

**If it is not possible to weigh the machine, determine the maximum load per tire on each axle by calculation or by using the machine manufacturer's data.**

The following data needs to be established:

- The Gross Vehicle Weight (total machine weight in the laden condition).
- The percentage load distribution by axle.
- **Calculate** the load per axle, then determine the tire weight by dividing the axle load by the number of tires per axle.
- **Use** the tables *Tire Loads and Pressures* for TRANSPORT in the MICHELIN® Earthmover Data Book.

This method applies to the following machine tires:

*Rigid Dump Trucks*  
*Articulated Dump Trucks*  
*Bottom Dump Trucks*  
*Motor Scrapers*  
*Site Dump Trucks*

· **RIGID DUMP TRUCKS**



· **ARTICULATED DUMP TRUCKS**



· **BOTTOM DUMP TRUCKS**



· **MOTOR SCRAPERS**

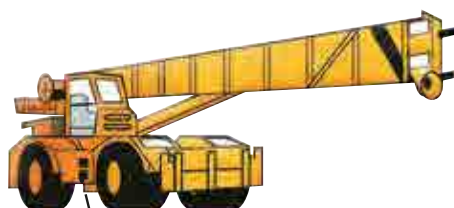


### HELP WITH THE USE OF EARTHMOVER TIRES

#### MICHELIN EARTHMOVER TIRES FOR MOBILE CRANES, SPECIAL APPLICATIONS, RAPID INTERVENTION VEHICLES (CIVIL AND MILITARY)

##### DETERMINING INFLATION PRESSURES

- **Determine** the maximum load on each tire by weighing
    - By using the machine manufacturer's data, or
    - By weighing each axle.
  - **Calculate** the load per tire (in the case of a crane, divide the total weight by the number of axles, and divide by the number of tires per axle).
  - **Use** the tables *Tire Loads and Pressures* for CRANES to determine the tire pressures.
  - In the case of use of tires on special machines, please consult your Michelin® Representative.
  - Tyres are made from different types of materials that have the properties which are essential for the tyre to perform properly. These properties may change over time. These changes depend on numerous factors such as the storage conditions, usage and, in particular, the load, speed, tyre pressure, maintenance, weather conditions etc. to which the tyre is subjected throughout its useful life. These factors impact a tyre's service life.
- The design of Michelin tyres is intended to deliver long lasting performance and ensure that the machine remains operational for the longest possible periods.
- If we take a look at the conditions of use of mobile cranes, we see a reduction in the average distance travelled every year. As a result, the tyres stay fitted to the cranes for a longer period of time.
- Accordingly, Michelin recommends that the service life of mobile crane tyres be limited to a maximum of 10 years.



• **RT CRANE**



• **AT CRANE**

#### MICHELIN EARTHMOVER TIRES USED IN DESERT AND SIMILAR CONDITIONS

These tires are used on machines that are operated in special conditions, such as sand, desert regions, etc.

Two speed limits are applied to the tires according to the type of work.

- A limit for use on sand and hard track.
- A higher limit for road use with no particular problem of grip or accidental damage.

##### INFLATION PRESSURES

For a given load, the inflation pressure depends on the rolling condition

- Road
- Track
- Sand

**Refer to the table load/pressure corresponding to the selected type of driving.**

**After using sand pressures, they must be adjusted to the correct pressure for subsequent conditions of use (road or track).**

### HELP WITH THE USE OF EARTHMOVER TIRES

#### MICHELIN EARTHMOVER TIRES FOR WORKING MACHINES: SURFACE LOADERS IN REHANDLING, PRODUCTION, EXTRACTION AND FACEWORK

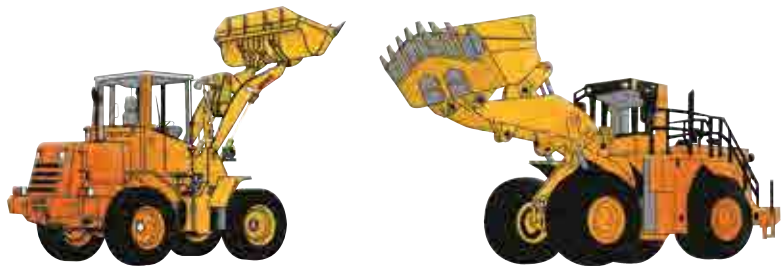
##### BASE PRESSURES

The base pressures designate the necessary pressure for the load carried.

There are two ways to determine the base pressures of a loader.

##### BY WEIGHING THE MACHINE AXLES

- **Determine** the maximum load on each tire by weighing.
- **Use** the tables *Tire Loads and Pressures* for LOADERS from the MICHELIN® Technical Data Book.  
Front Laden: for the laden front axle(bucket full)  
Rear Unladen: for the unladen rear axle(bucket empty)



##### BY CALCULATION, USING THE MACHINE MANUFACTURER'S DATA

- **Determine** the maximum load on each tire from the axle loads (bucket empty/full) data by the manufacturer.
- **Use** the tables *Tire Loads and Pressures* for LOADERS from the MICHELIN® Technical Data Book.  
Front Laden: for the laden front axle(bucket full)  
Rear Unladen: for the unladen rear axle(bucket empty)

##### ADJUSTMENTS OF THE BASE PRESSURE

To improve stability, the following adjustments are possible:

Front axle: For a given load, it is possible to increase tire pressure by 1 bar compared to the pressure determined by the methods presented above.

On the rear axle, it is recommended to use a pressure of 70% of the recommended value for the front axle.

These adjustments shall be made within the limits shown on page 152.

##### Important

**During long road trips (delivery, transfer from one site to another), special precautions are necessary.**

**For more information, please consult your Michelin Representative.**

#### MICHELIN EARTHMOVER TIRES IN BLOCK HANDLING APPLICATION

The block handling usage is very specific, both recommendations and usage conditions listed below must be respected at all times:

- Always fit the tire on heavy duty wheels / reinforced flanges
- Always inflate the tire to 9 bar (130 psi) cold pressure
- Inspect the tire weekly by qualified personnel:
  - Pressure check
  - Visual inspection of the bead zone. If any deformation is detected , it is mandatory to remove the tire immediately
- Usage of chains is authorized
- Remove the tire after using it up to a maximum of 4 years within this application

### HELP WITH THE USE OF EARTHMOVER TIRES

#### MICHELIN EARTHMOVER TIRES FOR WORKING MACHINES: DOZERS

##### HOW TO CALCULATE INFLATION PRESSURES

Depending on the type of work, tires on a dozer are subjected to different types of loading.

- The load on the Front Axle is at the maximum when loading (pushing) a scraper.
- The load on the Rear axle is at the maximum when dozing or while stockpiling.

From a practical point of view, the maximum load on either of the two axles is approximately equal to 2/3 of the machine weight.

- **Use this method** to determine the load on each tire.
- **Use** the tables *Tire Loads and Pressures* for LOADERS for the Rear Unladen.



#### MICHELIN EARTHMOVER TIRES FOR WORKING MACHINES: GRADERS

##### HOW TO CALCULATE INFLATION PRESSURES

As a general rule, the minimal inflation pressure recommendation must never be lower than 2 bar (29 psi)

- **Weigh the machine** to find out the load on each axle or use the loads given by the machine manufacturer.
- **Use** the tables *Tire Loads and Pressures* for GRADERS

For special work (example: sloping embankments), the inflation pressure should never be lower than 2.5 bar (36 psi).





### HELP WITH THE USE OF EARTHMOVER TIRES

#### MICHELIN EARTHMOVER TIRES FOR COMPACTORS

##### XLC TIRES

The tire and the working pressure depend on the material to be compacted, the type of work to be carried out and the operating speed.

Please refer to the information and operating guidelines supplied by the machine manufacturer and use the tables *Tire Loads and Pressures* for COMPACTORS from the earthmover technical data book.



#### MICHELIN EARTHMOVER TIRES FOR ROADBUILDING MACHINERY (PLANERS, STABILIZER MIXERS, PAVERS)



There are no tires made specifically for this type of machinery. Tires should be chosen according to their average speed capabilities in relation to those of the machine and their load capacity.

All these machines operate at 2 speeds: a "transport" or "traveling" speed and a "work" speed.

Once the load per tire has been determined, refer to the load/pressure table which corresponds best to the speed at which the selected tire is to be used.

**When we determine the tire pressure in these two cases, we consistently apply the highest pressure. This is often pressure "transport."**

##### HOW TO CALCULATE THE LOAD PER TIRE

If the load per axle is not known (no machine manufacturer's information available and no possibility of a physical weighing), follow the instructions below.

##### TRAVELING MACHINES:

For Cold Planers and Stabilizer Mixers: Load per axle on pneumatic tires = 50% of machine weight.

For Pavers: Load per axle on pneumatic tires = 80% of machine weight/number of axles.

##### LOADED/WORKING MACHINES:

For Cold Planers and Stabilizer Mixers: Load per axle = 50% of machine weight + payload.

For Pavers: Load per axle on pneumatic tires = 30% machine weight + maximum load of the container bin/number of axles.

### HELP WITH THE USE OF EARTHMOVER TIRES

#### MICHELIN EARTHMOVER TIRES FOR UNDERGROUND MACHINES

##### HOW TO CALCULATE INFLATION PRESSURES

###### TRANSPORT MACHINES

- **Determine** the maximum load on each tire, of each axle, with the machine loaded
  - By calculation, using the machine manufacturer's data, or
  - By weighing each tire position with the machine loaded.
- **Use** the tables *Tire Loads and Pressures* for MINE TRANSPORT.

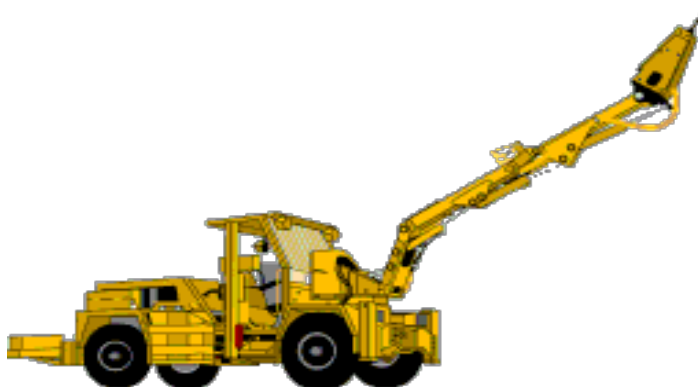


###### LOADERS

Apply the methods used for surface loaders (see the previous pages Chapter MICHELIN® Earthmover Tires for Working Machines: Surface Loaders).



###### BOLTERS, BORERS, SCALERS AND OTHER SERVICE MACHINES



### TIRES FOR TRANSPORT MACHINES: TKPH (TMPH) METHOD

#### FACTORS TO BE CONSIDERED WHEN SELECTING THE MOST APPROPRIATE TIRE:



#### CHOOSING THE IDEAL TIRE

- This will depend on:
- The fitment possibilities offered by the machine manufacturer
  - The service conditions on the site  
Factors such as load, speed, surface conditions, etc. must be considered

#### THE MACHINE

- The tire sizes
- The loads the tires have to carry (laden and unladen)

#### THE SITE

- Type of surface, condition and profile of haul roads
- Type and condition of loading and tipping areas

#### TIRE BEHAVIOR

- How are the tires wearing?
- What are the main reasons for removing a tire from service?
- Are there sidewall or tread problems?

#### MACHINE OPERATION ON THE SITE

- Length of the cycle (laden trip/unladen trip)
- Maximum number of cycles during a working period or shift
- Duration of the working period or shift

#### PROBLEMS THAT MAY ARISE

- How does the machine/tire combination behave? (For example, traction)

#### TKPH (TMPH) definition:

The TKPH (Ton Kilometer Per Hour) or TMPH (Ton Mile Per Hour) is an expression of the working capacity of a tire.

The TKPH (TMPH) is a function of the maximum allowed internal operating temperature of a tire.

#### TIRE TKPH OR TIRE TMPH

A tire's TKPH (TMPH) depends on its design and varies according to size and type.

TKPH (TMPH) values are given along with other MICHELIN® tire characteristics.

It is a function of load and the number of kilometers (miles)

covered per hour at an ambient temperature of 38 °C (100° F).

The formula to convert a TKPH rating to a TMPH rating is:

$$\text{TMPH} = \text{TKPH} \times 0,685$$

TMPH calculation is based on the "short ton" which corresponds to 2,000 lbs or 907 kg.

#### BASIC SITE TKPH OR TMPH

This value reflects the specific requirements of a site and can be obtained by using the following formula:

$$\text{Basic site TKPH (basic site TMPH)} = Q_m \times V_m$$

Where  $Q_m$  = average load per tire

$V_m$  = average cycle speed, in km (or miles) per hour

#### AVERAGE LOAD PER TIRE ( $Q_m$ )

Average load per tire ( $Q_m$ ):

$$Q_m = \frac{Q_c + Q_v}{2}$$



where  $Q_c$  = is the load per tire in ton (TKPH), or in short ton (TMPH), on a laden vehicle.

$Q_v$  = is the load per tire in ton (TKPH), or in short ton (TMPH), on an unladen vehicle.

The  $Q_m$  calculation should theoretically be made for each tire. However, in practice, specific tire loads are not normally available; therefore, this leads to the assumption that each tire on the same axle carries an equal load. When calculating the average load per tire on the front and the rear axles, the greatest value of  $Q_m$  shall be used in TKPH (TMPH) calculation.

In most cases, on two-axle dump trucks, the distribution of the total load of the loaded vehicle (unladen weight + payload) corresponds to 33.3% on the front axle (single tires) and 66.7% on the rear axle (twin tires).

When unladen, the front axle is almost always the heaviest. Thus, the maximum  $Q_m$ , will nearly always be on the front axle.

#### Caution: Ensure that load distribution Front/Rear is even

Of course, the analysis of the site (or at least, the collected information), weighings and machine characteristics, will provide the information to define and check the load per tire.

### THE NUMBER OF KM (OR NUMBER OF MILES) COVERED ON THE REFERENCE CYCLE



This is obtained by using the relationship:

$$V_m = \frac{L}{H}$$


Where L = is the cycle length in kilometers (TKPH), or in miles (TMPH).

The reference cycle must be the one with the highest average speed.

H = is the duration of cycle in hours.

### REAL SITE TKPH OR REAL SITE TMPH

The  $Q_m \times V_m$  formula is used to calculate the basic site TKPH (or TMPH).

To obtain the real site TKPH (or TMPH), two more factors must be taken into account:

- The length of cycles exceeding 5 kilometers (or 3 miles)
- The ambient temperature

### CYCLE LENGTH-K1 COEFFICIENT

For cycle lengths exceeding 5 kilometers (or 3 miles) apply to the basic site TKPH (or basic site TMPH) the K1 coefficient, the values of which are given on following pages.

### SITE AMBIENT TEMPERATURE (TA) - K2 COEFFICIENT

The standard ambient temperature is 38 °C (100° F). For a given speed, a site temperature higher than 38 °C increases the real site TKPH (or TMPH). Conversely, a temperature lower than 38 °C (100° F) decreases the real site TKPH (or TMPH).

The K2 coefficient:

Where  $V_m$  is the reference cycle average speed on the site in km/h for TKPH and in mph for TMPH,

TA is the ambient temperature, in °C for TKPH and in °F for TMPH

TR is the reference temperature (38 °C for TKPH and 100° F for TMPH)

Is to apply to the basic site TKPH (basic site TMPH).

Its calculation depends on whether the ambient temperature of the basic site is above or below 38 °C (100° F).

if  $TA < 38\text{ °C}$  (100° F)

$$K2 = \frac{1}{1 - \frac{0,25^* \times (TA - TR)}{V_m}}$$


(\*: Use 0.086 instead of 0.25 when calculating basic site TMPH)

if  $TA > 38\text{ °C}$  (100° F)

$$K2 = \frac{1}{1 - \frac{0,40^* \times (TA - TR)}{V_m}}$$


(\*: Use 0.138 instead of 0.40 when calculating basic site TMPH)

The ambient temperature of the site (TA) to be taken into account is "the maximum temperature in the shade" during the hottest period.

For temperatures TA greater than 15 °C (59° F), use the K2 coefficients shown on the following pages.

For temperatures TA lower than 15 °C (59° F), use the K2 coefficients shown in the shaded area of the table on the following pages.

To sum up, for the real site TKPH (TMPH) calculation, proceed as follows:

- Calculate the basic site TKPH (TMPH).
- Calculate the correct for cycle length exceeding 5 kilometers (3 miles) by applying the K1 coefficient.
- Calculate the correct for ambient temperatures not equal to 38 °C (100° F) by applying the K2 coefficient.

**Real site TKPH (or TMPH) = Basic site TKPH (or basic site TMPH) x K1 x K2**

### COMPARISON OF THE TIRE TKPH (TMPH) AND REAL SITE TKPH (TMPH)

On the basis that the choice of tread pattern is made to meet the needs of traction, protection and speed, there are 2 possibilities:

- The tire's TKPH (TMPH) is greater than the real site TKPH (TMPH): the tire is suitable for the application.
- The tire's TKPH (TMPH) is below the real site TKPH (TMPH): the tire is not suitable for the application.

In case b:

- Check if another tread pattern or type may be used.
- See if a modification of operating conditions is possible (reduction of load and/or reduction of speed, reduced number of cycles in the same time period, etc.).

### EXAMPLE OF A SITE TKPH (TMPH) CALCULATION

The data to calculate the real site TKPH (TMPH) where a RDT is fitted with 37.00 R 57 tire is as follows:

- Well-kept but abrasive haul roads;
- Average payload: 180 tons (198.5 short ton); mine value
- Reference cycle: 21 km (12.8 miles);
- Unladen weight–Front: 64 tons (70.6 short ton)

- Duration of cycle: 1 hour 15 minutes ;  
 $H = 1 + (15/60) = 1,25$  hour;
- Unladen weight–Rear: 57 tons (62.8 short ton)
- Ambient temperature:  $TA = 42^{\circ}\text{C}$  ( $107.6^{\circ}\text{F}$ );
- Distribution of total laden weight: Front = 33.3% Rear = 66.7%



### CALCULATION OF QM (AVERAGE TIRE LOAD)

|                                                                    | (TKPH)                                              | (TMPH)                                                 |
|--------------------------------------------------------------------|-----------------------------------------------------|--------------------------------------------------------|
| - Gross Vehicle Weight (GVW)                                       | $180 + 64 + 57 = 301$ tons                          | $198.5 + 70.6 + 62.8 = 332$ short tons                 |
| - Unladen weight per tire–Front; Qv:                               | $\frac{64}{2} = 32$ tons                            | $\frac{70.6}{2} = 35$ short tons                       |
| - Laden weight per tire–Front; Qc:<br>(33.3% of GVW on front axle) | $\frac{301 \times 33.3}{2 \times 100} \sim 50$ tons | $\frac{332 \times 33.3}{2 \times 100} = 55$ short tons |
| - Average tire load, Qm Front:                                     | $\frac{32 + 50}{2} = 41$ tons                       | $\frac{35 + 55}{2} = 45$ short tons                    |
| - Unladen weight per tire–Rear; Qv:                                | $\frac{57}{4} = 14$ tons                            | $\frac{62.8}{4} = 15.5$ short tons                     |
| - Laden weight per tire–Rear; Qc:<br>(66.7% of GVW on rear axle)   | $\frac{301 \times 66.7}{4 \times 100} \sim 50$ tons | $\frac{332 \times 66.7}{4 \times 100} = 55$ short tons |
| - Average tire load, Qm–Rear:                                      | $\frac{14 + 50}{2} = 32$ tons                       | $\frac{15.5 + 55}{2} = 35$ short tons                  |
| Thus, the value for Qm to be used will be:                         | <b>41 tons</b>                                      | <b>45 short tons</b>                                   |

### CALCULATION OF VM (DISTANCE COVERED PER HOUR)

|                    |                                         |                                              |
|--------------------|-----------------------------------------|----------------------------------------------|
| $Vm = \frac{L}{H}$ | $\frac{21}{1,25} = 16.8$ km in one hour | $\frac{12.8}{1,25} = 10.2$ miles in one hour |
|--------------------|-----------------------------------------|----------------------------------------------|

### BASIC SITE TKPH (TMPH)

|                              |                      |                        |
|------------------------------|----------------------|------------------------|
| $TKPH (TMPH) = Qm \times Vm$ | $41 \times 17 = 689$ | $45 \times 10,6 = 459$ |
|------------------------------|----------------------|------------------------|

### CALCULATION OF K1 COEFFICIENT

Beyond 5 km/h, the cycle length has an influence on the real site TKPH.

The cycle is greater than 5 km (3 miles), the coefficient K1 corresponding to 21 km (12.8 miles) which is the reference cycle starts, is: **1.19** (value on next page) for the calculation of TKPH and TMPH.

### VALUE OF THE K2 COEFFICIENT

Ambient temperatures different of  $38^{\circ}\text{C}$  ( $100^{\circ}\text{F}$ ) has an influence on the real site TKPH.

You can use the table on the opposite page, to find the K2 coefficient (in TKPH units), by interpolation for your actual reference cycle average speed and ambient temperature. In this case, for  $Vm = 17$  km/h (10.6 mph) and  $TA = 42^{\circ}\text{C}$  ( $107.6^{\circ}\text{F}$ ), we find  $K2 = 1.105$

### CALCULATION OF THE K2 COEFFICIENT

In our example, the ambient temperature is  $42^{\circ}\text{C}$  ( $107.6^{\circ}\text{F}$ ). The calculation of the coefficient K2 is as follows:

$$K2 = \frac{1}{1 - \frac{[0,40 * x (TA - TR)]}{Vm}} \quad \frac{1}{1 - \frac{[0,40 * x (42 - 38)]}{16.8}} = 1.105 \quad \frac{1}{1 - \frac{[0,138 * x (107.6 - 100)]}{10.2}} = 1.114$$

(\*: Use 0.138 instead of 0.4 for the calculation of TMPH)

### REAL SITE TKPH (TMPH)

Applying the K1 and K2 coefficients to the basic site TKPH (TMPH) gives the real site TKPH (TMPH).

$$689 \times 1.19 \times 1.105 = 906 \quad 459 \times 1.19 \times 1.114 = 608$$

### TIRE TKPH (TMPH)/REAL SITE TKPH (TMPH) COMPARISON

|                             |                                     |                                     |
|-----------------------------|-------------------------------------|-------------------------------------|
| In the 37.00 R 57 XDR® size | the different tire TKPH values are: | the different tire TMPH values are: |
|                             | B4 = 848                            | B4 = 581                            |
|                             | B = 1018                            | B = 698                             |
|                             | C4 = 1145                           | C4 = 784                            |
|                             | C = 1272                            | C = 871                             |

In our example, the B4 type is not suitable. All other types of compound are possible.

The tracks being abrasive and the loading and unloading areas being aggressive, the choice will be the B type.



### MICHELIN EARTHMOVER TIRES FOR TRANSPORT MACHINES K COEFFICIENT CALCULATED AND USED FOR THE TKPH (TMPH) METHOD



#### K1 COEFFICIENTS

| L (km) | L (ml) | K1   | L (km) | L (ml) | K1   | L (km) | L (ml) | K1   | L (km) | L (ml) | K1   | L (km) | L (ml) | K1   |
|--------|--------|------|--------|--------|------|--------|--------|------|--------|--------|------|--------|--------|------|
|        |        |      | 11     | 6.8    | 1.13 | 21     | 13     | 1.19 | 31     | 19.3   | 1.21 | 41     | 25.5   | 1.23 |
|        |        |      | 12     | 7.4    | 1.14 | 22     | 13.7   | 1.19 | 32     | 19.9   | 1.21 | 42     | 26.1   | 1.23 |
|        |        |      | 13     | 8      | 1.15 | 23     | 14.3   | 1.20 | 33     | 20.5   | 1.22 | 43     | 26.7   | 1.23 |
|        |        |      | 14     | 8.7    | 1.16 | 24     | 14.9   | 1.20 | 34     | 21.1   | 1.22 | 44     | 27.3   | 1.23 |
| 5      | 3.1    | 1.00 | 15     | 9.3    | 1.16 | 25     | 15.5   | 1.20 | 35     | 21.7   | 1.22 | 45     | 28     | 1.23 |
| 6      | 3.7    | 1.04 | 16     | 9.9    | 1.17 | 26     | 16.2   | 1.20 | 36     | 22.4   | 1.22 | 46     | 28.6   | 1.23 |
| 7      | 4.3    | 1.06 | 17     | 10.6   | 1.17 | 27     | 16.8   | 1.21 | 37     | 23     | 1.22 | 47     | 29.2   | 1.23 |
| 8      | 5      | 1.09 | 18     | 11.2   | 1.18 | 28     | 17.4   | 1.21 | 38     | 23.6   | 1.22 | 48     | 29.8   | 1.23 |
| 9      | 5.6    | 1.10 | 19     | 11.8   | 1.18 | 29     | 18     | 1.21 | 39     | 24.2   | 1.22 | 49     | 30.4   | 1.23 |
| 10     | 6.2    | 1.12 | 20     | 12.4   | 1.19 | 30     | 18.6   | 1.21 | 40     | 25     | 1.22 | 50     | 31     | 1.23 |

L = Cycle length in kilometers and in miles.

#### K2 COEFFICIENTS

| Vm<br>Km<br>(miles) | Ambient temperature |                    |                |                    |                |                    |                |                    |                |                    |                 |                     |                 |                     |                 |
|---------------------|---------------------|--------------------|----------------|--------------------|----------------|--------------------|----------------|--------------------|----------------|--------------------|-----------------|---------------------|-----------------|---------------------|-----------------|
|                     | 15 °C<br>59° F      | 17,5 °C<br>63.5° F | 20 °C<br>68° F | 22,5 °C<br>72.5° F | 25 °C<br>77° F | 27,5 °C<br>81.5° F | 30 °C<br>86° F | 32,5 °C<br>90.5° F | 35 °C<br>95° F | 37,5 °C<br>99.5° F | 40 °C<br>104° F | 42,5 °C<br>108.5° F | 45 °C<br>113° F | 47,5 °C<br>117.5° F | 50 °C<br>122° F |
| 10 (6)              | 0.635               | 0.661              | 0.690          | 0.721              | 0.755          | 0.792              | 0.833          | 0.879              | 0.930          | 0.988              | 1.087           | 1.220               | 1.389           | 1.613               | 1.923           |
| 12 (7)              | 0.676               | 0.701              | 0.727          | 0.756              | 0.787          | 0.821              | 0.857          | 0.897              | 0.941          | 0.990              | 1.071           | 1.176               | 1.304           | 1.463               | 1.667           |
| 14 (9)              | 0.709               | 0.732              | 0.757          | 0.783              | 0.812          | 0.842              | 0.875          | 0.911              | 0.949          | 0.991              | 1.061           | 1.148               | 1.250           | 1.373               | 1.522           |
| 16 (10)             | 0.736               | 0.757              | 0.780          | 0.805              | 0.831          | 0.859              | 0.889          | 0.921              | 0.955          | 0.992              | 1.053           | 1.127               | 1.212           | 1.311               | 1.429           |
| 18 (11)             | 0.758               | 0.778              | 0.800          | 0.823              | 0.847          | 0.873              | 0.900          | 0.929              | 0.960          | 0.993              | 1.047           | 1.111               | 1.184           | 1.268               | 1.364           |
| 20 (12,5)           | 0.777               | 0.796              | 0.816          | 0.838              | 0.860          | 0.884              | 0.909          | 0.936              | 0.964          | 0.994              | 1.042           | 1.099               | 1.163           | 1.235               | 1.316           |
| 21 (13)             | 0.785               | 0.804              | 0.824          | 0.844              | 0.866          | 0.889              | 0.913          | 0.939              | 0.966          | 0.994              | 1.040           | 1.094               | 1.154           | 1.221               | 1.296           |
| 22 (14)             | 0.793               | 0.811              | 0.830          | 0.850              | 0.871          | 0.893              | 0.917          | 0.941              | 0.967          | 0.994              | 1.038           | 1.089               | 1.146           | 1.209               | 1.279           |
| 24 (15)             | 0.807               | 0.824              | 0.842          | 0.861              | 0.881          | 0.901              | 0.923          | 0.946              | 0.970          | 0.995              | 1.034           | 1.081               | 1.132           | 1.188               | 1.250           |
| 26 (16)             | 0.819               | 0.835              | 0.852          | 0.870              | 0.889          | 0.908              | 0.929          | 0.950              | 0.972          | 0.995              | 1.032           | 1.074               | 1.121           | 1.171               | 1.226           |
| 28 (17)             | 0.830               | 0.845              | 0.862          | 0.878              | 0.896          | 0.914              | 0.933          | 0.953              | 0.974          | 0.996              | 1.029           | 1.069               | 1.111           | 1.157               | 1.207           |
| 30 (19)             | 0.839               | 0.854              | 0.870          | 0.886              | 0.902          | 0.920              | 0.938          | 0.956              | 0.976          | 0.996              | 1.027           | 1.064               | 1.103           | 1.145               | 1.190           |
| 32 (20)             | 0.848               | 0.862              | 0.877          | 0.892              | 0.908          | 0.924              | 0.941          | 0.959              | 0.977          | 0.996              | 1.026           | 1.060               | 1.096           | 1.135               | 1.176           |
| 34 (21)             | 0.855               | 0.869              | 0.883          | 0.898              | 0.913          | 0.928              | 0.944          | 0.961              | 0.978          | 0.996              | 1.024           | 1.056               | 1.090           | 1.126               | 1.164           |
| 36 (22)             | 0.862               | 0.875              | 0.889          | 0.903              | 0.917          | 0.932              | 0.947          | 0.963              | 0.980          | 0.997              | 1.023           | 1.053               | 1.084           | 1.118               | 1.154           |
| 38 (24)             | 0.869               | 0.881              | 0.894          | 0.907              | 0.921          | 0.935              | 0.950          | 0.965              | 0.981          | 0.997              | 1.022           | 1.050               | 1.080           | 1.111               | 1.145           |
| 40 (25)             | 0.874               | 0.886              | 0.899          | 0.912              | 0.925          | 0.938              | 0.952          | 0.967              | 0.982          | 0.997              | 1.020           | 1.047               | 1.075           | 1.105               | 1.136           |
| 42 (26)             | 0.880               | 0.891              | 0.903          | 0.916              | 0.928          | 0.941              | 0.955          | 0.968              | 0.982          | 0.997              | 1.019           | 1.045               | 1.071           | 1.099               | 1.129           |
| 44 (27)             | 0.884               | 0.896              | 0.907          | 0.919              | 0.931          | 0.944              | 0.957          | 0.970              | 0.983          | 0.997              | 1.019           | 1.043               | 1.068           | 1.095               | 1.122           |
| 46 (28)             | 0.889               | 0.900              | 0.911          | 0.922              | 0.934          | 0.946              | 0.958          | 0.971              | 0.984          | 0.997              | 1.018           | 1.041               | 1.065           | 1.090               | 1.117           |
| 48 (29)             | 0.893               | 0.904              | 0.914          | 0.925              | 0.937          | 0.948              | 0.960          | 0.972              | 0.985          | 0.997              | 1.017           | 1.039               | 1.062           | 1.086               | 1.111           |
| 50 (31)             | 0.897               | 0.907              | 0.917          | 0.928              | 0.939          | 0.950              | 0.962          | 0.973              | 0.985          | 0.998              | 1.016           | 1.037               | 1.059           | 1.082               | 1.106           |

Vm = number of km (miles) covered per hour.

Interpolation is allowed between the temperatures shown in the column headings.

## **MICHELIN EARTHMOVER TIRES FOR SPECIFIC USES**

1°) Firstly, if the dimension exists for your machine and your use, you must use it (example: mechanical handling tires for handling use; heavy truck tires for construction use or for builder use, etc.)

2°) For all other cases, you must contact your Michelin Representative.



### **APPROXIMATE LOOSE MATERIAL DENSITIES (t/m³)**

| <b>MATERIAL</b> | <b>DENSITY</b> | <b>MATERIAL</b>    | <b>DENSITY</b> |
|-----------------|----------------|--------------------|----------------|
| Alkaline potash | 1.3 to 1.5     | Copper ore         | 1.6            |
| Anthracite      | 0.9 to 1.1     | Iron ore           | 2.4 to 3.3     |
| Clay (dry)      | 1 to 1.1       | Pyrites            | 2.6            |
| Clay (moist)    | 1.2 to 1.3     | Earth (dry)        | 1.2 to 1.5     |
| Clay (wet)      | 1.3 to 1.4     | Earth (moist)      | 1.3 to 1.4     |
| Bauxite         | 1.5            | Earth (wet)        | 1.4 to 1.5     |
| Mud             | 1.8            | Overburden         | 1.7 to 1.8     |
| Limestone       | 1.5 to 1.6     | 75% rock–25% earth | 1.9 to 2       |
| Coal            | 0.7            | 50% rock–50% earth | 1.7 to 1.8     |
| Quicklime       | 0.9 to 1.3     | 25% rock–75% earth | 1.6            |
| Slaked lime     | 1.1 to 1.3     |                    |                |
| Chalk           | 1.8 to 2.6     | Sand (dry)         | 1.5            |
| Granite         | 1.6 to 1.7     | Sand (moist)       | 1.9            |
| Sandstone       | 1.6            | Gravel (dry)       | 1.7 to 1.8     |
| Crushed gypsum  | 1.6            | Gravel (moist)     | 2              |
| Marl clay       | 2.2            |                    |                |

# **APPROXIMATE LOOSE MATERIAL DENSITIES UNITS OF MEASURE AND CONVERSION TABLES**

## **UNITS OF MEASURE AND CONVERSION TABLES**

| MEASUREMENT               | ABBREVIATION | CONVERSION FACTOR | ABBREVIATION         | MEASUREMENT                | CONVERSION FACTOR | ABBREVIATION |
|---------------------------|--------------|-------------------|----------------------|----------------------------|-------------------|--------------|
| <b>TORQUE</b>             |              |                   |                      |                            |                   |              |
| pound-foot                | lb ft        | x 0.1383          | = m kg               | kilogramme metre           | x 7.233           | = lb ft      |
| kilogramme metre          | m kg         | x 9.81            | = m N                | Newton metre               | x 0.102           | = m kg       |
| <b>LENGTH</b>             |              |                   |                      |                            |                   |              |
| inch                      | in           | x 0.0254          | = m                  | metre                      | x 39.37           | = in         |
| foot                      | ft           | x 0.3048          | = m                  | metre                      | x 3.281           | = ft         |
| yard                      | yd           | x 0.9144          | = m                  | metre                      | x 1.0936          | = yd         |
| mile                      | ml           | x 1.6093          | = km                 | kilometre                  | x 0.6214          | = ml         |
| <b>LOAD</b>               |              |                   |                      |                            |                   |              |
| pound                     | lb           | x 0.4536          | = kg                 | kilogramme                 | x 2.205           | = lb         |
| long ton (G.B.) 2240 lb   | lg ton       | x 1.016           | = t                  | metric tonne               | x 0.984           | = lg ton     |
| short ton (U.S.) 2000 lb  | sh ton       | x 0.907           | = t                  | metric tonne               | x 1.103           | = sh ton     |
| <b>DENSITY</b>            |              |                   |                      |                            |                   |              |
| pound per cubic foot      | lb/cu ft     | x 16.0184         | = kg/m <sup>3</sup>  | kilogramme/m <sup>3</sup>  | x 0.625           | = lb/cu ft   |
| pound per cubic yard      | lb/cu yd     | x 0.5933          | = kg/m <sup>3</sup>  | kilogramme/m <sup>3</sup>  | x 1.686           | = lb/cu yd   |
| <b>PRESSURE</b>           |              |                   |                      |                            |                   |              |
| kilo-pascal               | kPa          | x 0.01            | = bar                | bar                        | x 100             | = kPa        |
| atmosphere (at sea level) | atm          | x 0.986           | = bar                | bar                        | x 1.014           | = atm        |
| pound per square inch     | P.S.I.       | x 0.0703          | = kg/cm <sup>2</sup> | kilogramme/cm <sup>2</sup> | x 14.22           | = P.S.I.     |
| pound per square inch     | P.S.I.       | x 0.069           | = bar                | bar                        | x 14.513          | = P.S.I.     |
| pound per square inch     | P.S.I.       | x 0.068           | = atm                | atmosphere                 | x 14.7            | = P.S.I.     |
| pound per square inch     | P.S.I.       | x 6.895           | = kPa                | kilo Pascal                | x 0.145           | = P.S.I.     |
| <b>POWER</b>              |              |                   |                      |                            |                   |              |
| french horse power        | C.V.         | x 0.7355          | = KW                 | kilowatt                   | x 1.36            | = C.V.       |
| horse power               | H.P.         | x 0.7457          | = KW                 | kilowatt                   | x 1.34            | = H.P.       |
| french horse power        | C.V.         | x 0.98            | = H.P.               | horse power                | x 1.014           | = C.V.       |
| <b>VOLUME/CAPACITY</b>    |              |                   |                      |                            |                   |              |
| cubic foot                | cu ft        | x 0.02832         | = m <sup>3</sup>     | cubic metre                | x 35.31           | = cu ft      |
| cubic yard                | cu yd        | x 0.7646          | = m <sup>3</sup>     | cubic metre                | x 1.308           | = cu yd      |
| gallon (U.S.)             | gal          | x 3.7854          | = l                  | liter                      | x 0.2642          | = gal        |
| <b>TEMPERATURE</b>        |              |                   |                      |                            |                   |              |
| degree fahrenheit         | °F           | - 32 et x (5/9)   | = °C                 | degree Celsius             | x (9/5) et + 32   | = °F         |

## FOOTNOTES & CAUTION

- (1) ..... See page 146 & 173..... explanation about TKPH (TMPH)
- (2) ..... See page 142..... explanation of the different characteristics
- (3) ..... explanation about rim size marking  
example: ..... 44.00/5.0 [6.0]  
the 1st value indicates rim width in inch (in this example: 44 inches)  
the 2nd value indicates the height of the rim flange (in this example: 5 inches)  
the 3rd value indicates the width of the rim flange (in this example: 6 inches)
- (5) ..... increase pressure by 0,5 bar on the loader front axle
- (6) ..... See page 150..... and in the EARTHMOVER TIRE USE AND MAINTENANCE GUIDE BY MICHELIN  
explanation about TG rim
- (8) ..... manufacture is discontinued (commercial description highlighted to attract attention)
- (9) ..... special order only (commercial description highlighted to attract attention) Consult your local Michelin representative
- (10)..... See page 142, 150, 151, 167 to 177..... explanation of the various tables of load according to the use and to the tire position and how to determine pressures  
It is imperative to follow the explanation given Not following these instructions may impact tire performance
- (12)..... never exceed 6 bar
- (13)..... The removable flange must be continuous along its circumference, with no opening  
\* The flange must be continuous in full-circumference, not open or split  
\*\* The «H» is on the tire side, the G of the norm is on the external part and until the rim bole
- (14)..... Diameter: Left column, fixed side; right column, removable side.

All values shown in these tables are maximums and should not be exceeded.



MICHELIN TECHNICAL DATA | 2022-23 EDITION  
EARTHMOVER TIRES