

# ***MICHELIN TECHNICAL DATA***



## ***EARTHMOVER TYRES***

**2019**

October 2019 edition





# ***MICHELIN TECHNICAL DATA***

## ***EARTHMOVER TYRES***

### ***CONTENT CHAPTER***

<b><i>TYRE RANGE BY VEHICLE TYPE</i></b>	<b><i>PAGE 4</i></b>
<b><i>TYRE RANGE PRESENTATIONS</i></b>	<b><i>PAGE 9</i></b>
<b><i>TYRE SPECIFICATION BY RIM SIZE</i></b>	<b><i>PAGE 51</i></b>
<b><i>GENERAL INFORMATION</i></b>	<b><i>PAGE 134</i></b>

### TYRE RANGE BY VEHICLE TYPE



#### RIGID DUMP TRUCKS



E2

**MICHELIN®  
XVC™**



E3

**MICHELIN®  
XDC®**



E3

**MICHELIN®  
XDR® 2 S**



E3

**MICHELIN®  
X-TRACTION™ S**



E4

**MICHELIN®  
XDR**



E4

**MICHELIN®  
XDR® +**



E4

**MICHELIN®  
XDR® 2**



E4

**MICHELIN®  
XDR®250**



E4

**MICHELIN®  
XDR®3**



E4

**MICHELIN®  
XDR®3 EXTRA LOAD**



E4

**MICHELIN®  
XDT®**



E4

**MICHELIN®  
X-HAUL**



E4

**MICHELIN®  
XHDT**



E4

**MICHELIN®  
X-TRACTION™**



E4

**MICHELIN®  
X®TRA LOAD GRIP**



E4

**MICHELIN®  
X®TRA LOAD PROTECT**



E4

**MICHELIN®  
X-QUARRY S**



E7

**MICHELIN®  
XS™**

### TYRE RANGE BY VEHICLE TYPE



#### LOADERS



**E3/L3/G3**

**MICHELIN®  
XTRA FLEXLIFE™**



**E4/L4**

**MICHELIN®  
XTXL®**



**L2**

**MICHELIN®  
X SNOPLUS®**



**L2**

**MICHELIN®  
XTLA™**



**L3**

**MICHELIN®  
XHA° 2**



**L3**

**MICHELIN®  
XLD™ 65**



**L4**

**MICHELIN®  
XLD° D1**



**L5**

**MICHELIN®  
XLD° D2**



**L5**

**MICHELIN®  
X MINE° D2**



#### GRADERS



**E3/L3/G3**

**MICHELIN®  
XTRA FLEXLIFE™**



**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**

## TYRE RANGE BY VEHICLE TYPE



### UNDERGROUND MINE MACHINES



**E3/L3**

**MICHELIN®  
XK®**



**E4/L4**

**MICHELIN®  
XTXL®**



**L5**

**MICHELIN®  
X MINE® D2**



**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/L3/G3**

**MICHELIN®  
XTRA FLEXLIFE™**



**E3**

**MICHELIN®  
XADN+®**



**super E3**

**MICHELIN®  
XAD™ 65**



**E4**

**MICHELIN®  
XTRA DEFEND**



**E4**

**MICHELIN®  
X®-SUPER TERRAIN +**



**E7**

**MICHELIN®  
XS™ SAND**



**E3**

**MICHELIN®  
XTS®**

## TYRE RANGE BY VEHICLE TYPE



### SCRAPERS



E3/L3/G3

MICHELIN®  
XTRA FLEXLIFE™



E3

MICHELIN®  
XTS®



E3

MICHELIN®  
XMS™



E4

MICHELIN®  
XRS™



E3

MICHELIN®  
XADN+®



### CRANES AND TRANSPORT VEHICLES



E2

MICHELIN®  
X-CRANE +®



E2

MICHELIN®  
XGC®



E2

MICHELIN®  
XLB®



E2

MICHELIN®  
XMH™ S



E2

MICHELIN®  
X SNOPLUS®



### COMPACTORS



C1

MICHELIN®  
X° LISSE COMPACTEUR™

## EARTHMOVER TYRES

**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 tyre 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® tyres are designed for a specific use as defined in this catalogue. 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 tyre 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 tyres or any use different from the tyre's intended design in the absence of express written permission (derogation) from an authorised Michelin Representative.**

Further, correct usage and maintenance are necessary to achieve proper performance and to maximise 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, tyre 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 normalised 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 tyres comply with internationally accepted standards that are established by TRA (Tyre and Rim Association), ETRTO (European Tyre and Rim Technical Organisation), JATMA (Japan Automobile Tyre 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.

### **SPECIFIC APPLICATIONS**

Please note that tyres for mechanical handling equipment used in areas where there is a high risk of fire or explosion, such as the chemical and petrochemical industries, must meet certain standards concerning their electrical resistivity. When the electrical resistance measured according to ISO 16292 or WDK 110 standards is lower than  $10^6$  Ohms, then the tyre is called 'dissipative' and its sidewall features the following symbol.



### **PERFORMANCE**

Any and all tyre performance claims or comparisons contained herein are for informational purposes only to aid in the selection of a tyre 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 TYRES

### TYRE RANGE PRESENTATIONS

<b>MICHELIN XDR2</b>	<b>PAGE 10</b>	<b>MICHELIN XHA 2</b>	<b>PAGE 30</b>
<b>MICHELIN XDR2 S</b>	<b>PAGE 11</b>	<b>MICHELIN XLD 65</b>	<b>PAGE 31</b>
<b>MICHELIN XDR 250</b>	<b>PAGE 12</b>	<b>MICHELIN XLD D1</b>	<b>PAGE 32</b>
<b>MICHELIN XDR3</b>	<b>PAGE 13</b>	<b>MICHELIN XGLA2</b>	<b>PAGE 33</b>
<b>MICHELIN XDR3 2700R49</b>	<b>PAGE 14</b>	<b>MICHELIN XTXL</b>	<b>PAGE 34</b>
<b>MICHELIN XDR3 EXTRA LOAD</b>	<b>PAGE 15</b>	<b>MICHELIN XSM D2+LC</b>	<b>PAGE 35</b>
<b>MICHELIN XHDT</b>	<b>PAGE 16</b>	<b>MICHELIN XSM D2+</b>	<b>PAGE 36</b>
<b>MICHELIN X-TRACTION</b>	<b>PAGE 17</b>	<b>MICHELIN XSM D2+ PRO</b>	<b>PAGE 37</b>
<b>MICHELIN X TRA LOAD GRIP</b>	<b>PAGE 18</b>	<b>MICHELIN XAD 65</b>	<b>PAGE 38</b>
<b>MICHELIN X TRA LOAD PROTECT</b>	<b>PAGE 19</b>	<b>MICHELIN X TRA DEFEND</b>	<b>PAGE 39</b>
<b>MICHELIN XTRA FLEXLIFE</b>	<b>PAGE 20</b>	<b>MICHELIN XADN+</b>	<b>PAGE 40</b>
<b>MICHELIN X MINE D2 L5 SR</b>	<b>PAGE 21</b>	<b>MICHELIN XTS</b>	<b>PAGE 41</b>
<b>MICHELIN X MINE D2 LC</b>	<b>PAGE 22</b>	<b>MICHELIN XMS</b>	<b>PAGE 42</b>
<b>MICHELIN X MINE D2 L5 HR</b>	<b>PAGE 23</b>	<b>MICHELIN XRS</b>	<b>PAGE 43</b>
<b>MICHELIN X MINE D2</b>	<b>PAGE 24</b>	<b>MICHELIN XS SAND</b>	<b>PAGE 44</b>
<b>MICHELIN X MINE D2 L5</b>	<b>PAGE 25</b>	<b>MICHELIN X CRANE+</b>	<b>PAGE 45</b>
<b>MICHELIN X MINE D2 PRO</b>	<b>PAGE 26</b>	<b>MICHELIN XGC</b>	<b>PAGE 46</b>
<b>MICHELIN XLD D2</b>	<b>PAGE 27</b>	<b>MICHELIN XLB</b>	<b>PAGE 47</b>
<b>MICHELIN X SNOPLUS</b>	<b>PAGE 28</b>	<b>MICHELIN XMH S</b>	<b>PAGE 48</b>
<b>MICHELIN XTLA</b>	<b>PAGE 29</b>	<b>MICHELIN X LISSE COMPACTEUR</b>	<b>PAGE 49</b>

# MICHELIN XDR2



**LONGER TYRE LIFE  
FOR SURFACE  
MINING DUMPERS**



For Rigid Dump Trucks

## **BETTER PROTECTION**

Stronger, lower sidewall  
bead, stronger working plies

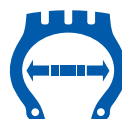
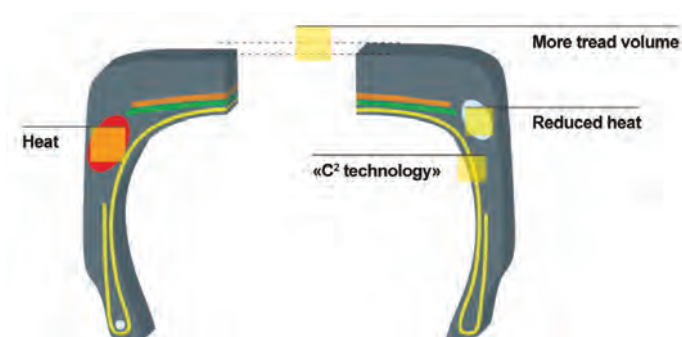


## **RESISTANCE TO AGGRESSIVE CONDITIONS**

Thanks to a new sidewall  
design and a new tread  
pattern design

## **C<sup>2</sup> TECHNOLOGY**

C<sup>2</sup> technology (improved casing geometry)  
reduces heat buildup. The C<sup>2</sup> design  
provides a cooler running tyre.



## **EXTRA TREAD VOLUME**

The deepest tread<sup>1</sup> depth  
delivers longer life and  
improved productivity while  
lowering operating costs

<sup>1</sup> Vs. 66,5mm/84 Bridgestone VREP 27.00 R 49

## **MICHELIN XDR2 S**

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



For Rigid Dump Trucks



**BETTER  
RESISTANCE TO  
AGGRESSIVE  
CONDITIONS  
AND CORROSION**

High tread depth 145/115 (L5)  
provides outstanding tyre wear



**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 tyre

## **MICHELIN XDR 250**



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



For Rigid Dump Trucks

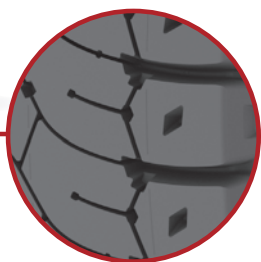


***THE MOST PRODUCTIVE  
TYRE WITH AT LEAST 25%<sup>1</sup>  
MORE TKPH/TMPH.***



***HIGH LOAD  
CAPACITY***

TKPH/TMPH increase thanks  
to a bigger tyre



***EXCEPTIONAL  
TYRE LIFE***

Go further with the MICHELIN  
XDR 250 tyres thanks to  
innovations that last longer



***A COOLER TYRE***

Increase TKPH/TMPH  
without compromising tyre  
life thanks to a new, more  
ventilated tread pattern

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

# MICHELIN XDR3



**LONG LASTING  
INNOVATIONS**



For Rigid Dump Trucks

**EXCEPTIONAL  
TYRE 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**

**Tyre 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 tyre size.

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

<sup>3</sup> Projected improvement in tyre 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® tyre (on predecessor and prototype tyres) to the tread pattern of the MICHELIN® XDR® 2 and MICHELIN® XDR® tyres. 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 tyre 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, tyres 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 tyre 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, tyres that included individual design improvements incorporated into the MICHELIN® XDR® 3.

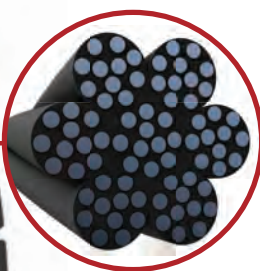
<sup>6</sup> Compared to the MICHELIN® XDR® 2 37.00R57 tyre, average performance by mine site. Projected improvement in tyre life based on field performance in customer mine sites over 29 months of the MICHELIN® XDR® 2, MICHELIN® XDR® 250 and MICHELIN® XP 57, 40.00R57 and 53/80R63 tyres that included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

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

# MICHELIN XDR3 27.00R49



**CHOOSE YOUR BENEFIT**



For Rigid Dump Trucks



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

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



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

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



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

You can go faster thanks to a cooler tyre with an optimised tread design

**Tyre SIZES:** 27.00R49

<sup>1</sup> Compared to MICHELIN® XDR2 tyres in \*\* usage. Projected improvement in tyre life based on field performance in customer mine sites (over 29 months using the MICHELIN® XDR 2, MICHELIN® XDR 250, and MICHELIN® XP 57 tyres 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 \*\* tyre in size 27.00R49. Actual results may vary. (Source: 2017 MICHELIN® Earthmover Technical Databook).

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

# MICHELIN XDR3 EXTRA LOAD

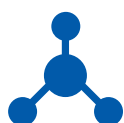


**BOOST PAYLOAD,  
BOOST PRODUCTIVITY!**



For Rigid Dump Trucks

INCREASE YOUR MAXIMUM  
TRUCK PAYLOAD BY UP TO  
**12.6%<sup>1</sup>** vs.  
MICHELIN® XDR3® (TKPH=15%<sup>2</sup>)



## REVOLUTIONARY COMPOUNDS

A slower wear rate thanks  
to a new mixing process



## REVOLUTIONARY TREAD PATTERN

Interlocking blocks of rubber  
create better load distribution



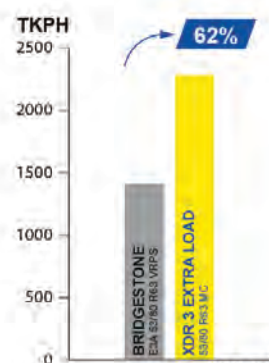
## STRONGER CABLES, NEW PLIES, ROBUST STRUCTURE

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

Tyre 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, tyre 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 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 (22 KPH MAX)

COMPOUND XHDT B

TKPH = 222 (29 KPH MAX)



### OPTIMISED PERFORMANCE

Optimised tread pattern for  
ideal traction and evacuation

Enhanced tread depth of  
47 mm for long life

Built-up sidewall for protection  
against sidewall penetrations

**+31%**

**TMPH MICHELIN® XHDT™ B  
VS. BRIDGESTONE® VMTS¹**

<sup>1</sup> Bridgestone 2015 OTR Databook.

# MICHELIN X-TRACTION

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



For Rigid Dump Trucks



## INCREASED TYRE LIFE

The deepest tread depth on the market<sup>1</sup> due to 10% greater rubber volume on the ground to be used<sup>2</sup>



## HIGH RESISTANCE TO AGGRESSION

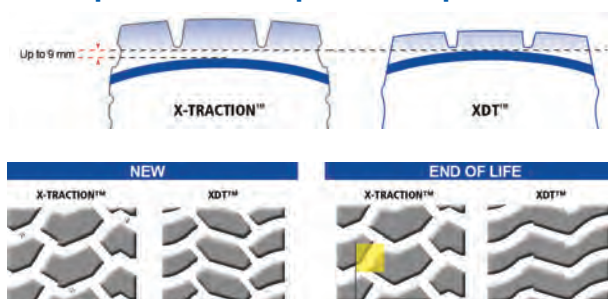
Additional sidewall protection band increases sidewall impact resistance



## 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>3</sup>



Worn out tyre still keeping stable lug/void ratio.

<sup>1</sup> Vs. Bridgestone VMT and Goodyear RT4A+ - Source Bridgestone® OTR Databook and Goodyear® OTR Databook

<sup>2</sup> Vs. the MICHELIN® XDT™ tyre; varies according to dimensions

<sup>3</sup> Vs. XDT™, variable according to dimensions

# MICHELIN X TRA LOAD GRIP



**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**

Optimised contact patch  
with the ground



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



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



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

**Tyre SIZES:** 18.00R33<sup>1,2,3,5,6</sup>, 24.00R35<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 tyres (field tests) in 10 countries by 23 customers during 2016 and 2017.

<sup>3</sup> Compared to Bridgestone® VMTP tyres, MICHELIN® XDT™ tyres, and MICHELIN® X® TRACTION™ SC tyres 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™ tyre, MICHELIN® X-TRACTION™ SC tyre - Source MICHELIN® Data Book 2017.

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

<sup>6</sup> Compared to MICHELIN® XDT™ tyres 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™ tyre, field test measurements certified by the Michelin® Center of Technology, from 2015 to 2017.

# MICHELIN X TRA LOAD PROTECT



**EASY LIFE IN  
HARD CONDITIONS**



For Rigid Dump Trucks

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



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



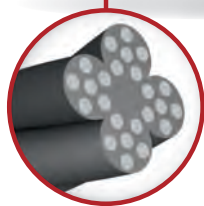
**MORE DISTANCE  
IN AN HOUR<sup>3</sup>**



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

**CORROSION-  
PROOF CABLES**

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



**Tyre SIZES:** 18.00R33<sup>1,3,4</sup>, 24.00R35<sup>2,3,5</sup>

<sup>1</sup> Compared to the Bridgestone® VMTP and VRLS tyres and MICHELIN® X®QUARRY™ S tyres 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 tyres. Actual results may vary.

<sup>4</sup> Compared to MICHELIN® X®QUARRY™ S tyres 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. "

# MICHELIN XTRA FLEXLIFE



**BUILDING TOMORROW  
WITH FLEXIBILITY**



For Articulated Dump Trucks, Loaders, Graders and Scrapers



## INCREASED<sup>1</sup> TREAD LIFE

- Up to 20% greater tyre life than XHA2 on Loaders
- Up to 10% greater tyre life than XADN+ on ADTs



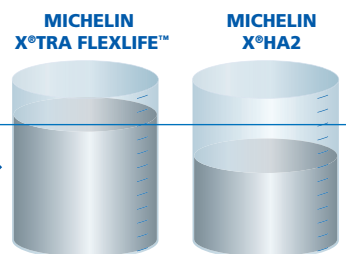
## EXCELLENT<sup>2</sup> TRACTION

Tread pattern designed to optimise traction throughout its wear tyre life

**EVOLUTIVE TREAD PATTERN**  
NEW TYRE      WORN TYRE



More volume of rubber to be worn:  
MICHELIN X<sup>®</sup>TRA FLEXLIFE<sup>™</sup>  
VS  
MICHELIN X<sup>®</sup>HA2 29.5R25  
**+25%<sup>(4)</sup>**



## BETTER<sup>3</sup> COMFORT AND STABILITY

Adapted to work at the lowest pressure for comfort and highest pressure conditions for stability

<sup>1</sup> Increased rubber to wear down compared to X<sup>®</sup>HA2, X<sup>®</sup>AD65 and X<sup>®</sup>ADN+ on certain sizes.

<sup>2</sup> Return of a study conducted with a panel of clients (between February and June 2017) and an original equipments manufacturer's test on ADT (November 2018).

<sup>3</sup> Vs. TRA pressure standards on certain dimensions, see DATABOOK Michelin 2019.

<sup>4</sup> Measurement certified by the Michelin Centre of Technology, Faro method, Sculpture 3D with laser, comparison of the MICHELIN<sup>®</sup> X<sup>®</sup>TRA FLEXLIFE with the MICHELIN<sup>®</sup> X<sup>®</sup>HA2, same size.

# MICHELIN X MINE D2 L5 SR



**EXCELLENT PRODUCTIVITY  
IN STANDARD LOADING  
CONDITIONS**



For Loaders, Forklifts, Underground Haulers and Underground loaders



## OPTIMISED COMPOUND

Built to withstand  
standard conditions  
and to slow tyre wear



## IMPACT & CUT RESISTANT

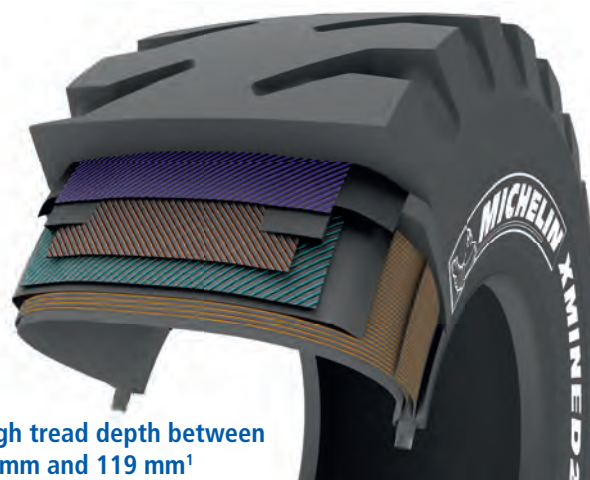
Due to the optimised  
compound, the tread  
design and the resilient  
casing

## A RESILIENT CASING

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

Tyre SIZES: 50/65R51, 55/80R57, 60/80R57

<sup>1</sup>According to tyre 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, Forklifts, Underground Haulers  
and Underground loaders

**10-KM DISTANCE PER HOUR**

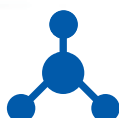


**ROBUST TREAD  
DESIGN**

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

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

Tyre SIZES: 50/65R51



**INCREASE YOUR  
PRODUCTIVITY**



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



MICHELIN® X MINE® D2 SR  
at 10 km distance per hour



MICHELIN® X MINE® D2 LC  
at 10 km distance per hour

## **MICHELIN X MINE D2 L5 HR**



**EXCELLENT PRODUCTIVITY  
IN HARD LOADING  
CONDITIONS**



For Loaders, Forklifts, Underground Haulers and Underground loaders



### **OPTIMISED COMPOUND**

Built to withstand hard conditions and to slow tyre wear



### **IMPACT & CUT RESISTANT**

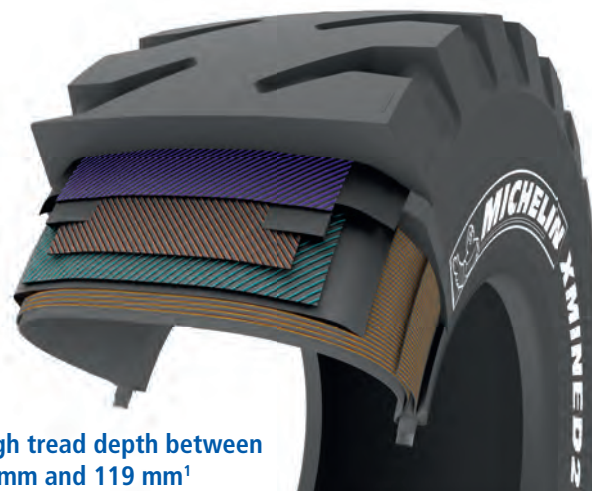
Due to the optimised compound, the tread design and the resilient casing

### **A RESILIENT CASING**

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

Tyre SIZES: 55/80R57, 60/80R57

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



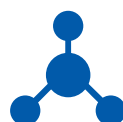
A high tread depth between  
118 mm and 119 mm<sup>1</sup>

# MICHELIN X MINE D2 L5

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



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



**RESISTANCE,  
TRACTION AND  
ADHESION**

Optimised compound  
slows tyre wear



**IMPACT &  
CUT RESISTANT**

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

**REINFORCED  
PROTECTION PLY**



**ADHESION &  
TRACTION**

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

**Tyre SIZES:** 7.50R15, 8.25R15, 10.00R15, 350/65R15, 14.5R15, 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



**EXCELLENT PRODUCTIVITY  
IN AGGRESSIVE LOADING  
CONDITIONS**



For Loaders, Forklifts, Underground Haulers  
and Underground loaders



## OPTIMISED COMPOUND

Built to withstand hard  
conditions and to slow  
tyre wear



## IMPACT & CUT RESISTANT

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

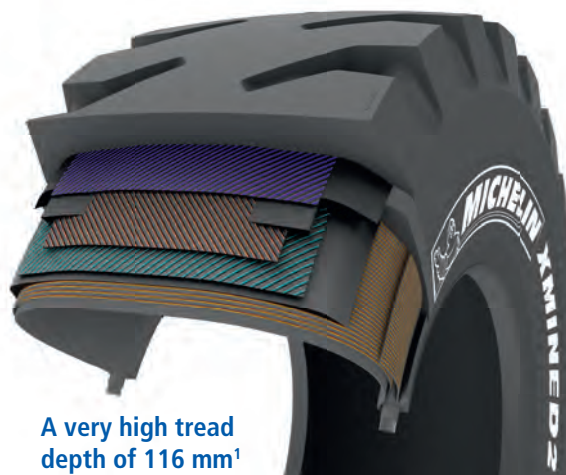


## A RESILIENT CASING

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

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

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



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

# MICHELIN X MINE D2 PRO



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



For Loaders, Forklifts, Underground Haulers  
and Underground loaders



**EXTREME  
CONDITIONS  
DEMAND TOUGH  
TYRES**

**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  
tyre 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  
TYRE LIFE<sup>3</sup>**

In harsh conditions  
thanks to optimised  
tread compounds



**Tyre 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 tyres compared to MICHELIN® XSM® D2+ and MICHELIN® X MINE® D2 tyres. 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.

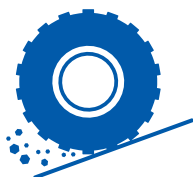
## **MICHELIN XLD D2**

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



For Loaders, Dozers and Graders

**INCREASE YOUR  
PRODUCTIVITY WITH  
OUTSTANDING TYRE  
WEAR, GRIP AND  
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 SPEED**

High tread depth 115mm (L5) provides outstanding tyre wear

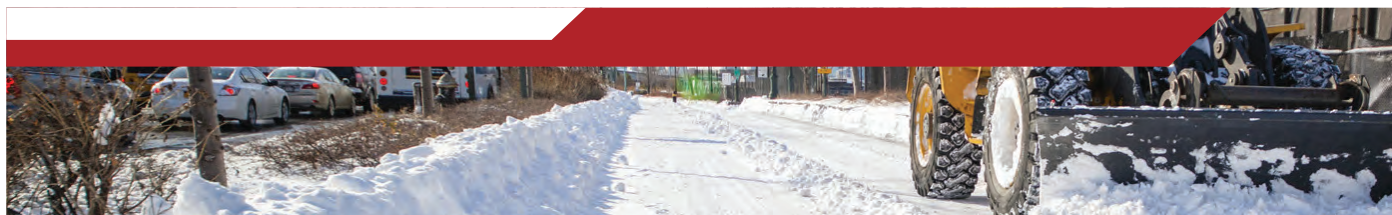


### **GREAT PROTECTION**

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

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

## **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 tyre ideal for year - round use



### **LOW OPERATING COST**

Considerable reduction in downtime: the Michelin all-steel casing design reduces punctures compared to traditional bias-ply tyres

Excellent wear life



### **OUTSTANDING TRACTION ON SNOW AND ICE**

The special rubber compound and aggressive lug design with added sipes provide maximum manoeuvrability in winter conditions and minimise 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™ tyre offers a wide contact area and delivers exceptional traction in a broad variety of conditions



### **GOOD STABILITY**

The crown is reinforced to offer stability on par with the MICHELIN® XHA® 2 tyre



### **DOWNTIME REDUCTION**

The Michelin all-steel casing design reduces punctures compared to traditional bias-ply tyres

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

# MICHELIN XHA 2

## LONG-LASTING PERFORMANCE



For Loaders and Graders



## DESIGNED FOR EXCELLENT ENDURANCE

The tyre has been designed to limit tread movement and so limit the effects of heat

MICHELIN® X®HA 2™ is 19% cooler running vs BRIDGESTONE® VMT<sup>1</sup>



## BETTER AGGRESSION RESISTANCE<sup>2</sup>

Architecture designed to absorb impact, minimising damage, allowing your tyre to continue working.

MICHELIN® X®HA 2™ has more sidewall puncture resistance than BRIDGESTONE® VJT



## EXCELLENT LONGEVITY

+16% WEAR LIFE<sup>3</sup>

Wear resistant rubber compound

More rubber to be worn<sup>4</sup> XHA2 :  
+ 9.5% volume of tread rubber  
vs. BRIDGESTONE® VJT and  
+4.6% vs BRIDGESTONE® VMT

Optimised 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® X®HA 2™ 26.5 R 25 against BRIDGESTONE® VMT /VJT 26.5 R 25. All tyres followed the same protocols and configuration (temperature, track), same number of tyres tested. Test organised 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® X®HA 2™ against BRIDGESTONE® VJT, same size. All tyres followed the same protocols and configuration, same number of tyres tested. Test organised 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 (Good Year® RT-3B, TL3A+ and BRIDGESTONE® VMT and VJT), field study in real life conditions made by Michelin for 5 years 2012-2017, on 170 tyres 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 X®HA 2™ against BRIDGESTONE® VMT and BRIDGESTONE® VJT, same size.

# MICHELIN XLD 65



For Loaders and Graders



## PRODUCTIVITY

Load capacity increased by 12 to 15%<sup>1</sup> while maintaining the same inflation pressure

Risk of shocks reduced and damage resistance increased at constant load

Significant increase in life of 25 to 30%<sup>1</sup>



## MOBILITY

Superior flotation capacity and exceptional mobility on yielding underfoot conditions

Appreciable gain in traction



## FITS ON A WIDER RIM

Same diameter as an 80 series tyre



## SAFETY & HANDLING IMPROVEMENT

Improved traction and adhesion

Better stability

Reduced vibration

<sup>1</sup> Compared to the MICHELIN® XHA® tyre with the equivalent overall diameter.

# 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.

## WHICH TYRE MEETS YOUR SURFACE LOADER NEEDS?

*** EXTRA LOAD LOWER SPEEDS LESS THAN 10KPH	*/** LOAD & CARRY UP TO 14KPH
MICHELIN® XTXL® 	MICHELIN® XLD® D1 

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



## EXCEPTIONAL TYRE LIFE

\*/\*\* load and cover up to 14km in one hour



## GREAT PROTECTION

Reinforced belt package and customised compound dedicated to aggressive conditions

## **MICHELIN XGLA2**



**MAXIMISE 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 XTXL

**HELP INCREASE YOUR  
PRODUCTIVITY THANKS  
TO BETTER TYRE LIFE AND  
LOAD CAPACITY**



For Loaders and Underground Haulers



**DESIGNED TO  
INCREASE  
TYRE LIFE BY **10%****

Large rubber volume distributed  
evenly over the whole sculpture



**UP TO **20%**  
INCREASED LOAD CAPACITY**

Allows greater inflation pressures  
and higher load capacity



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

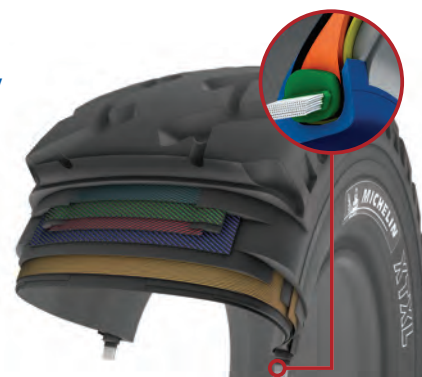
### **COOLING SYSTEM**

Sculpted shoulder blocks create  
an innovative cooling system

### **SIDEWALL PROTECTION**

Reinforced sidewall,  
increases shock and  
abrasion resistance

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



<sup>1</sup> Comparisons vs. MICHELIN® XLD® D1 tyre in underground application.

## **MICHELIN XSM D2+LC**

**MOVE FASTER,  
MOVE LONGER**



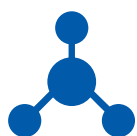
For Loaders and Underground Loaders

**DESIGNED TO INCREASE  
YOUR SPEED**

**+50%**

**DISTANCE PER HOUR  
VS XSMD2+**

**6KM DISTANCE PER HOUR**



**SPECIAL  
CUT-RESISTANT  
RUBBER COMPOUNDS**

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



**EXCEPTIONAL  
PROTECTION**

Special cut-resistant  
rubber compounds



**SPEED  
INCREASE**

Move faster and get up to  
+50% of distance per hour



Tyre SIZES: 18.00R25

## **MICHELIN XSM D2+**

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



For Loaders and Underground Loaders

**SMOOTH, DEEP TREAD  
OF 78MM (17.5 R25)**

**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

**ROBUST SHOULDERS WITH  
SIDEWALL PROTECTION**



Tyre SIZES: 12.00R24, 14.00R24, 17.5R25, 18.00R25, 26.5R25, 29.5R29, 35/65R33

# MICHELIN XSM D2+ PRO

**EXTREME CONDITIONS  
DEMAND TOUGH TYRES**



For Loaders and Underground Loaders



**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  
TYRE LIFE<sup>3</sup>**

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

**Tyre 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 tyres compared to MICHELIN® XSM® D2+ and MICHELIN® X MINE® D2 tyres. 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 XAD 65

**TAILORED FOR YOUR  
OPERATIONS IN ANY  
WORKING CONDITIONS**



For Articulated Dump Trucks



**INCREASED  
PRODUCTIVITY  
POTENTIAL**

Michelin's E3+ (including wide base) TKPH is up to 38% higher<sup>1</sup> than the average TKPH of the premium competitors



**EXCELLENT  
TRACTION**

Manoeuvrability on soft or muddy soil with proven flotation and traction thanks to a high-performance tread pattern



**GOOD LONG-TERM  
INVESTMENT**

Long-lasting, even-wearing tread pattern

Up to 80% of Michelin tyres are retreadable due to the casing quality offered by MICHELIN C<sup>2</sup> Technology<sup>2</sup>

Multi-block tread pattern

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

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



<sup>1</sup> Compared to the average TKPH of Michelin premium competitors, published in the following databook:

Goodyear OTR tyre engineering data (02/07/2014) and Goodyear OTR website (<http://www.goodyearotr.com>, 11/2015) and Bridgestone OTR tyres databook (2015).

<sup>2</sup> Measurements taken at retreader facilities in Europe between 2012 and 2014.

# MICHELIN X TRA DEFEND



**BUILT TO RESIST**



For Articulated Dump Trucks



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



**OUTSTANDING  
WEAR LIFE<sup>1,3</sup>**

Deeper tread pattern and  
more rubber to be worn



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

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



**HIGHER  
TKPH<sup>3,5</sup>**

**Tyre 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™+.

<sup>3</sup> 875/65 R 29 X®TRA DEFEND™ compare to the competitors tyre, same size. These datas come from Michelin® Databook 2017, the BRIDGESTONE® OTR Databook 2016 and the Goodyear® Databook 2017.

<sup>4</sup> Internal comparison with 29.5 R 25 MICHELIN® X®-SUPER TERRAIN™+, field tests measurements certified by the Michelin Center of Technology, with 36 tyres tested between 2012 and 2017.

<sup>5</sup> These datas come from Michelin® Data Book 2017 and BRIDGESTONE® OTR Databook 2016.

# MICHELIN XADN+



**TAILORED FOR YOUR  
OPERATIONS IN ANY  
WORKING CONDITIONS**



For Articulated Dump Trucks and Scrapers

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

Summit designed to resist stresses when cornering



**EXCELLENT  
PRODUCTIVITY  
POTENTIAL**

Michelin's E3 TKPH is up to 34% higher<sup>1</sup> than the average TKPH of the premium competitors

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



**EXCELLENT TRACTION**

Manoeuvrability on soft or muddy soil with proven flotation and traction



**GOOD LONG-TERM  
INVESTMENT**

Up to 80% of Michelin tyres are retreadable due to the casing quality offered by MICHELIN C<sup>2</sup> Technology<sup>3</sup>

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

<sup>1</sup> Compared to the average TKPH of Michelin premium competitors, published in the following databook: Goodyear OTR tyre engineering data (02/07/2014) and Goodyear OTR website (<http://www.goodyearotr.com>, 11/2015) and Bridgestone OTR tyres databook (2015).

<sup>2</sup> Compared to the MICHELIN® X-Super Terrain tyre.

<sup>3</sup> Measurements taken at retreader facilities in Europe between 2012 and 2014.

## **MICHELIN XTS**



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



For Scrapers



### **DURABILITY**

**RESISTANCE TO  
DAMAGE AND  
ABRASION**

Square shoulders and  
protective sidewall bands



### **EXTENDED LIFE**

**EXCELLENT WEAR RATE**

Extra deep tread composed  
of special new rubber compounds



### **TRACTION AND ADHESION**

**SELF CLEANING  
TREAD PATTERN**

Open tread design with  
widely spaced tread blocks

## **MICHELIN XMS**



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



For Scrapers



### **DAMAGE 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



### **EXCELLENT TYRE LIFE**

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

## **MICHELIN XRS**



**THE NON-DIRECTIONAL  
E4R TYRE 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**

Protection against cuts  
and side wall damage

## **MICHELIN XS SAND**



**TUBELESS RADIAL TYRE  
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

Optimised sidewall

Resistance to hot climatic  
conditions and ultra  
violet light



### **FLOTATION**

Wide tread band and large  
air volume

Optimised distribution of  
ground pressure constraints

Low ground contact pressure

# MICHELIN X CRANE+

**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



## LESS WASTE

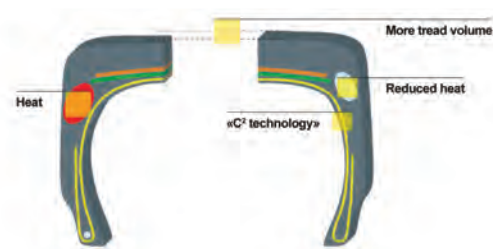
More environmentally friendly because tyres can be regrooved



## 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

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



<sup>1</sup> Compared to the MICHELIN® X-CRANE® or XGC® tyre depending on dimension.

## **MICHELIN XGC**



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



For Mobile Cranes and Special Machines



### **PRECISE HANDLING**

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 XLB**



**THE VERSATILE,  
ALL-TERRAIN  
MICHELIN® RADIAL TYRE**



Special Vehicles



### **EXCEPTIONAL TRACTION**

#### **DIRECTIONAL TREAD**

Excellent traction and manoeuvrability in muddy, soft ground conditions



### **HIGH-SPEED CAPABILITIES**

Special compounds and sidewall flexibility



### **EXTRA PROTECTION AND DURABILITY**

All-steel cord with multiple steel belts

## **MICHELIN XMH S**



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



Special Vehicles



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

Optimised 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 COMFORT & TRACTION<sup>1</sup>**

Tread pattern with offset blocks  
and progressive ground contact  
reduces vibrations and support  
good handling



### **BETTER SAFETY<sup>1</sup>**

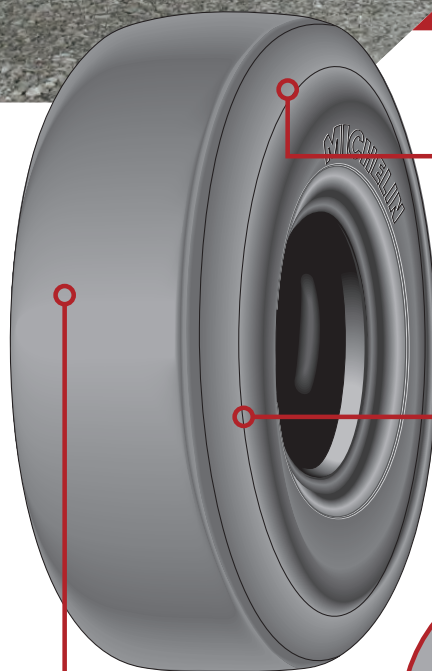
Heavily blocked tread  
pattern with longitudinal  
& lateral grooves provide  
excellent grip and handling

<sup>1</sup> Compared to the MICHELIN XMP 170 E Tyre

## **MICHELIN X LISSE COMPACTEUR**



**A SLICK RADIAL TYRE  
FOR COMPACTORS**



Robust tread and shoulders give more resistance to cuts and perforations

MICHELIN® Radial structure improves tyre life

No pattern indented into new surfaces because of the smooth tread pattern and rounded shoulders



For Compactor



### **EXCELLENT FINISHING**

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



### **REDUCTION IN MACHINE DOWNTIME**

The specialised design of the crown gives excellent resistance to heat



### **REDUCTION IN OPERATING COST**

Wear indicators in the tyre tread facilitate tread wear assessment



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

## *EARTHMOVER TYRES*

### *TYRE SPECIFICATION BY RIM SIZE*

<b>15"</b>	<i>PAGE 52</i>
<b>20"</b>	<i>PAGE 54</i>
<b>20.5"</b>	<i>PAGE 56</i>
<b>21"</b>	<i>PAGE 56</i>
<b>24"</b>	<i>PAGE 57</i>
<b>25"</b>	<i>PAGE 61</i>
<b>29"</b>	<i>PAGE 91</i>
<b>33"</b>	<i>PAGE 96</i>
<b>35"</b>	<i>PAGE 101</i>
<b>39"</b>	<i>PAGE 104</i>
<b>45"</b>	<i>PAGE 105</i>
<b>49"</b>	<i>PAGE 106</i>
<b>51"</b>	<i>PAGE 109</i>
<b>57"</b>	<i>PAGE 113</i>
<b>63"</b>	<i>PAGE 122</i>

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

15"

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>X LISSE COMPACTEUR C1 7.50 R 15 Tube Type</b>	123461 12568			198 7.8	770 30.3	338 13.3	2324 91.5	9 11.3		40 10.6	6.0	5.5 6.00S 6.5 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 6 MPH	1250 2756	1400 3087	1470 3241	1540 3396	1680 3704	1830 4035	1970 4344	2120 4675	2420 5336	2725 6009
15 KM/H 9 MPH	1020 2249	1135 2503	1190 2624	1250 2756	1375 3032	1500 3308	1600 3528	1700 3749	1980 4366	2180 4807

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XMINE D2 L5 7.50 R 15 Tube Type</b>	123342 23416	6 3.7		230 9.1	840 33.1	385 15.2	2551 100.4	46 58		39 10.3	6.0	5.5 6.00S 6.5 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	2000	2075	2150	2250	2400	2500	2650	2900	3150
	4079	4410	4575	4741	4961	5292	5513	5843	6395	6946
REAR UNLADEN	1475	1600	1650	1725	1800	1925	2000	2125	2325	2525
	3252	3528	3638	3804	3969	4245	4410	4686	5127	5568

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

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XMINE D2 L5 8.25 R 15 Tube Type</b>	123352 22154	6 3.7		250 9.8	882 34.7	402 15.8	2680 105.5	48 60.5		47 12.4	6.5	6.0 7.0 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	2200	2300	2400	2550	2700	2850	3000	3300	3600
	4410	4851	5072	5292	5623	5954	6284	6615	7277	7938
REAR UNLADEN	1600	1750	1850	1925	2050	2150	2275	2400	2650	2875
	3528	3859	4079	4245	4520	4741	5016	5292	5843	6339

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

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XMINE D2 L5 10.00 R 15 Tube Type</b>	123372 18686	6 3.7		295 11.6	910 35.8	411 16.2	2748 108.2	48 60.5		70 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	2600	2800	3000	3200	3350	3500	3700	3900	4300
	5292	5733	6174	6615	7056	7387	7718	8159	8600	9482
REAR UNLADEN	1925	2075	2250	2400	2550	2675	2800	2965	3125	3450
	4245	4575	4961	5292	5623	5898	6174	6538	6891	7607

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

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

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./ hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XMINE D2 L5</b> <b>350/65 R 15 (32x14.5 R 15) Tubeless</b>	<b>826683</b> 85701	<b>6</b> 3.7		<b>348</b> 13.7	<b>844</b> 33.2	<b>379</b> 14.9	<b>2543</b> 100.1	<b>36</b> 45.4		<b>91</b> 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>
<b>Machine - Use ( kg - lbs)      LOADERS</b>												
<b>FRONT LADEN</b>	<b>2400</b> 5292	<b>2660</b> 5865		<b>2790</b> 6152	<b>2920</b> 6439	<b>3150</b> 6946	<b>3400</b> 7497		<b>3570</b> 7872	<b>3750</b> 8269	<b>4200</b> 9261	<b>4600</b> 10143
<b>REAR UNLADEN</b>	<b>1920</b> 4234	<b>2128</b> 4692		<b>2232</b> 4922	<b>2336</b> 5151	<b>2520</b> 5557	<b>2720</b> 5998		<b>2856</b> 6297	<b>3000</b> 6615	<b>3360</b> 7409	<b>3680</b> 8114
<b>Machine - Use ( kg - lbs)      UNDERGROUND MINE MACHINES</b>												
<b>ALL AXLES</b>	<b>2160</b> 4763	<b>2394</b> 5279		<b>2511</b> 5537	<b>2628</b> 5795	<b>2835</b> 6251	<b>3060</b> 6747		<b>3213</b> 7085	<b>3375</b> 7442	<b>3780</b> 8335	<b>4140</b> 9129

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./ hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XMINE D2 L5</b> <b>14.5 R 15 Tubeless</b>	<b>123101</b> 41368	<b>6</b> 3.7		<b>380</b> 15	<b>894</b> 35.2	<b>408</b> 16.1	<b>2711</b> 106.7	<b>48</b> 60.5		<b>90</b> 23.8	<b>10.50</b>	11.0 11.00BD 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>
<b>Machine - Use ( kg - lbs)      LOADERS</b>												
<b>FRONT LADEN</b>	<b>2550</b> 5623	<b>2850</b> 6284		<b>2975</b> 6560	<b>3100</b> 6836	<b>3350</b> 7387	<b>3600</b> 7938		<b>3850</b> 8489	<b>4100</b> 9041	<b>4600</b> 10143	<b>5100</b> 11246
<b>REAR UNLADEN</b>	<b>2050</b> 4520	<b>2275</b> 5016		<b>2375</b> 5237	<b>2475</b> 5457	<b>2675</b> 5898	<b>2875</b> 6339		<b>3075</b> 6780	<b>3275</b> 7221	<b>3675</b> 8103	<b>4075</b> 8985
<b>Machine - Use ( kg - lbs)      UNDERGROUND MINE MACHINES</b>												
<b>ALL AXLES</b>	<b>2300</b> 5072	<b>2575</b> 5678		<b>2675</b> 5898	<b>2800</b> 6174	<b>3025</b> 6670	<b>3250</b> 7166		<b>3475</b> 7662	<b>3700</b> 8159	<b>4150</b> 9151	<b>4600</b> 10143

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./ hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XMINE D2 L5</b> <b>400/80 R 15 (38x16 R 15) Tubeless</b>	<b>735466</b> 41318	<b>6</b> 3.7		<b>385</b> 15.2	<b>996</b> 39.2	<b>445</b> 17.5	<b>2996</b> 118	<b>34</b> 42.8		<b>128</b> 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>
<b>Machine - Use ( kg - lbs)      LOADERS</b>												
<b>FRONT LADEN</b>	<b>3300</b> 7277	<b>3650</b> 8048		<b>3825</b> 8434	<b>4000</b> 8820	<b>4350</b> 9592	<b>4700</b> 10364		<b>5050</b> 11135	<b>5400</b> 11907	<b>6100</b> 13451	<b>6600</b> 14553
<b>REAR UNLADEN</b>	<b>2650</b> 5843	<b>2925</b> 6450		<b>3050</b> 6725	<b>3200</b> 7056	<b>3475</b> 7662	<b>3750</b> 8269		<b>4050</b> 8930	<b>4325</b> 9537	<b>4875</b> 10749	<b>5275</b> 11631
<b>Machine - Use ( kg - lbs)      UNDERGROUND MINE MACHINES</b>												
<b>ALL AXLES</b>	<b>2975</b> 6560	<b>3275</b> 7221		<b>3450</b> 7607	<b>3600</b> 7938	<b>3900</b> 8600	<b>4225</b> 9316		<b>4550</b> 10033	<b>4850</b> 10694	<b>5500</b> 12128	<b>5950</b> 13120

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

20"

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

Bar  
Psi

3 4 5 6 7 8  
44 58 73 87 102 116

Machine - Use ( kg - lbs)

#### LOADERS

FRONT LADEN	3000 6615	3400 7497	3800 8379	4200 9261	4600 10143	5000 11025						
REAR UNLADEN	2400 5292	2700 5954	3050 6725	3350 7387	3700 8159	4000 8820						

Machine - Use ( kg - lbs)

#### UNDERGROUND MINE MACHINES

ALL AXLES	2700 5954	3050 6725	3400 7497	3800 8379	4150 9151	4500 9923						
-----------	--------------	--------------	--------------	--------------	--------------	--------------	--	--	--	--	--	--

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

Bar  
Psi

3 4 5 6 7 8  
44 58 73 87 102 116

Machine - Use ( kg - lbs)

#### LOADERS

FRONT LADEN	3400 7497	4000 8820	4600 10143	5200 11466	5800 12789	6400 14112						
REAR UNLADEN	2700 5954	3200 7056	3700 8159	4150 9151	4650 10253	5100 11246						

Machine - Use ( kg - lbs)

#### UNDERGROUND MINE MACHINES

ALL AXLES	3050 6725	3600 7938	4150 9151	4700 10364	5200 11466	5750 12679						
-----------	--------------	--------------	--------------	---------------	---------------	---------------	--	--	--	--	--	--

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

Bar  
Psi

3 4 5 6 7 8 8.5 9  
44 58 73 87 102 116 123 131

Machine - Use ( kg - lbs)

#### COMPACTORS

10 KM/H 6 MPH	2520 5557	3100 6836	3660 8070	4260 9393	4840 10672	5420 11951	5710 12591	6000 13230				
15 KM/H 9 MPH	2240 4939	2760 6086	3260 7188	3790 8357	4310 9504	4820 10628	5000 11025					

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

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

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

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

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

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

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

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

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

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

#### 20.5"

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

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

#### 21"

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

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

24"

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved Rims <sup>(2) (3)</sup>
<b>XZH E3 ***</b> 12.00 R 24 Tube Type	123369 72233	35 21.7	119 82	321 12.6	1258 49.5	591 23.3	3857 151.9	30 37.8		171 45.2	8.5	7.33V 8.0 8.00V 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 5954	2950 6505	3200 7056	3475 7662	3750 8269	4000 8820	4250 9371	4500 9923	4650 10253			

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved Rims <sup>(2) (3)</sup>
<b>XK A L3 ***</b> 12.00 R 24 Tube Type	242110 06809	14 8.7		330 13	1244 49	569 22.4	3775 148.6	21 26.5		155 41	8.5	7.33V 7.5 8.0 8.00V 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 4520	2450 5402	2750 6064	3100 6836	3450 7607	3800 8379	4150 9151	4475 9867	4800 10584	5500 12128		

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

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

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

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XGL A2 L2 * TG</b> <b>13.00 R 24 Tubeless (6 - 10)</b>	<b>123386</b> 24704	<b>16</b> 9.9		<b>335</b> 13.2	<b>1296</b> 51	<b>570</b> 22.4	<b>3875</b> 152.6	<b>25</b> 31.5		<b>215</b> 56.8	<b>8.00 TG SDC</b>	<b>10.00 VA SDC</b> 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 5843	3100 6836		3600 7938	4050 8930	4500 9923	4950 10915	5400 11907				
REAR UNLADEN	2100 4631	2500 5513		2900 6395	3250 7166	3600 7938	3950 8710	4300 9482				

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

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XK A E3 ***</b> <b>14.00 R 24 Tube Type</b>	<b>251590</b> 06866	<b>14</b> 8.7		<b>401</b> 15.8	<b>1380</b> 54.3	<b>638</b> 25.1	<b>4205</b> 165.6	<b>24</b> 30.2		<b>270</b> 71.3	<b>10.0</b>	<b>10.00W</b> 9.0 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 6505	3400 7497		3850 8489	4300 9482	4800 10584	5300 11687	5750 12679		6200 13671	6550 14443	7250 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 8269	4500 9923		4850 10694	5600 12348	5700 12569	5800 12789	6150 13561				

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XK D1 A E4 ***</b> <b>14.00 R 24 Tube Type</b>	<b>251592</b> 06874	<b>18</b> 11.2	<b>84</b> 58	<b>401</b> 15.8	<b>1412</b> 55.6	<b>657</b> 25.9	<b>4313</b> 169.8	<b>37</b> 46.6		<b>270</b> 71.3	<b>10.0</b>	<b>10.00W</b> 9.0 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 6505	3400 7497		3850 8489	4300 9482	4800 10584	5300 11687	5750 12679		6200 13671	6550 14443	7250 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 8269	4500 9923		4850 10694	5600 12348	5700 12569	5800 12789	6150 13561				

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XSM D2+ L5S</b> <b>14.00 R 24 Tubeless</b>	<b>123597</b> 80802	<b>4</b> 2.5		<b>401</b> 15.8	<b>1395</b> 54.9	<b>636</b> 25	<b>4227</b> 166.4	<b>58</b> 73.1		<b>266</b> 70.3	<b>10.0</b>	<b>10.00W</b> 9.0 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 7166	3750 8269		4300 9482	4800 10584	5350 11797	5900 13010	6400 14112		6900 15215		
REAR UNLADEN	2600 5733	3000 6615		3450 7607	3850 8489	4300 9482	4700 10364	5100 11246		5500 12128		

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

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

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XSNOPLUS L2 * TG</b> <b>14.00 R 24 TG Tubeless <sup>(6)</sup></b>	<b>123861</b> 53173	<b>16</b> 9.9		<b>372</b> 14.6	<b>1364</b> 53.7	<b>545</b> 21.5	<b>3941</b> 155.2	<b>24</b> 30.2		<b>264</b> 69.7	<b>8.00 TG SDC</b>	<b>10.00VA SDC</b> 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 7166	3750 8269		4300 9482	4800 10584	5350 11797	5900 13010	6400 14112	6900 15215			
REAR UNLADEN	2600 5733	3000 6615		3450 7607	3850 8489	4300 9482	4700 10364	5100 11246	5500 12128			

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

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XGL A2 L2 * TG</b> <b>14.00 R 24 TG Tubeless <sup>(6)</sup></b>	<b>123395</b> 15924	<b>16</b> 9.9		<b>371</b> 14.6	<b>1360</b> 53.5	<b>592</b> 23.3	<b>4051</b> 159.5	<b>25</b> 31.5		<b>310</b> 81.9	<b>8.00 TG SDC</b>	<b>10.00VA SDC</b> 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 7166	3750 8269		4300 9482	4800 10584	5350 11797	5900 13010	6400 14112	6900 15215			
REAR UNLADEN	2600 5733	3000 6615		3450 7607	3850 8489	4300 9482	4700 10364	5100 11246	5500 12128			

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

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>X LISSE COMPACTEUR C1</b> <b>15.00 R 24 Pil (17/80 R 24) Tube Type</b>	<b>252211</b> 44438			<b>415</b> 16.3	<b>1334</b> 52.5	<b>592</b> 23.3	<b>4002</b> 157.6	<b>21</b> 26.5		<b>320</b> 84.5	<b>10.0</b>	<b>10.00W</b> 10.0W 9.0 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 6 MPH	5320 11731	6540 14421		7750 17089	8965 19768	9570 21102	10180 22447	10790 23792	11390 25115	12000 26460		
15 KM/H 9 MPH	4740 10452	5820 12833		6900 15215	7980 17596	8520 18787						

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XGL A2 L2 * TG</b> <b>16.00 R 24 Tubeless <sup>(6)</sup></b>	<b>123903</b> 45611	<b>16</b> 9.9		<b>435</b> 17.1	<b>1500</b> 59.1	<b>646</b> 25.4	<b>4451</b> 175.2	<b>27</b> 34		<b>412</b> 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 9923	5150 11356		5800 12789	6400 14112	7050 15545	7700 16979	8350 18412				
REAR UNLADEN	3600 7938	4100 9041		4650 10253	5100 11246	5650 12458	6150 13561	6700 14774				

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

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

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XSNOPLUS 170E</b> <b>385/95 R 24 Tube Type</b>	432272 36887	70 43.5		386 15.2	1358 53.5	635 25	4156 163.6	24 30.2		283 74.8	10.00W	10.0

<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 SPECIALISED 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 km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XMH S E2T 170E</b> <b>385/95 R 24 Tube Type</b>	957157 12407	70 43.5		389 15.3	1361 53.6	632 24.9	4155 163.6	24 30.2		284 75	10.00W	10.0/2.0 9.0 9.00V

<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 SPECIALISED 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

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

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>X-CRANE 170F</b> 385/95 R 24 Tube Type	778245 93770	80 49.7		376 14.8	1361 53.6	631 24.8	4153 163.5	23 29		284 75	10.00W	10.0 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>

Machine - Use (kg - lbs)

#### CRANES AND SIMILAR SPECIALISED MACHINES

30 KM/H 19 MPH	4750 10474	5440 11995	6125 13506	6815 15027	7500 16538
40 KM/H 25 MPH	4370 9636	5005 11036	5635 12425	6270 13825	6900 15215
50 KM/H 31 MPH	4255 9382	4870 10738	5490 12105	6105 13462	6720 14818
60 KM/H 37 MPH	4180 9217	4785 10551	5390 11885	5995 13219	6600 14553
65 KM/H 40 MPH	4085 9007	4675 10308	5270 11620	5860 12921	6450 14222
70 KM/H 43 MPH	3990 8798	4570 10077	5145 11345	5725 12624	6300 13892
80 KM/H 50 MPH	3800 8379	4350 9592	4900 10805	5450 12017	6000 13230
90 KM/H 56 MPH	3570 7872	4090 9018	4605 10154	5120 11290	5640 12436
100 KM/H 62 MPH	3230 7122	3700 8159	4165 9184	4630 10209	5100 11246

## 25"

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XH D1 A E4 ***</b> 14.00 R 25 Tubeless	123331 34504	22 13.7	102 70	401 15.8	1410 55.5	650 25.6	4291 168.9	38 47.9		275 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>

Machine - Use (kg - lbs)

#### TRANSPORT

<b>STANDARD</b>	3750 8269	4100 9041	4500 9923	4850 10694	5100 11246	5250 11576	5800 12789	6350 14002
-----------------	--------------	--------------	--------------	---------------	---------------	---------------	---------------	---------------

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XSNOPLUS E2 170E</b> 385/95 R 25 Tubeless	705961 5893	70 43.5		388 15.3	1365 53.7	632 24.9	4163 163.9	25 31.5		280 74	9.50/1.7 CR	10.00/1.5 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>

Machine - Use (kg - lbs)

#### CRANES AND SIMILAR SPECIALISED MACHINES

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

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

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XMH S 170E</b>	<b>254174</b>	<b>70</b>		<b>391</b>	<b>1361</b>	<b>632</b>	<b>4155</b>	<b>24</b>		<b>278</b>	<b>9.50/1.7 CR</b>	<b>10.00/1.5</b>
<b>385/95 R 25 Tubeless</b>	<b>21608</b>	<b>43.5</b>		<b>15.4</b>	<b>53.6</b>	<b>24.9</b>	<b>163.6</b>	<b>30.2</b>		<b>73.4</b>		<b>11.25/1.3</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 SPECIALISED 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 km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>X-CRANE + 170F</b>	<b>682834</b>	<b>80</b>		<b>380</b>	<b>1365</b>	<b>633</b>	<b>4165</b>	<b>23</b>		<b>280</b>	<b>9.50/1.7 CR</b>	<b>10.00/1.5</b>
<b>385/95 R 25 Tubeless</b>	<b>32768</b>	<b>49.7</b>		<b>15</b>	<b>53.7</b>	<b>24.9</b>	<b>164</b>	<b>29</b>		<b>74</b>		<b>11.25/1.3</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 SPECIALISED MACHINES

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	4575	5270	5860	6450
40 MPH	9007	10088	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

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

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

Machine - Use ( kg - lbs)

#### CRANES AND SIMILAR SPECIALISED MACHINES

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	4575	5270	5860	6450
40 MPH	9007	10088	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

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>X-CRANE + 170E</b> <b>385/95 R 25 X-CRANE + TL 170E</b> <b>Tubeless <sup>(16)</sup></b>	060565	70 43.5		391 15.4	1365 53.7	633 24.9	4165 164	23 29		280 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>	<b>87</b>	<b>94</b>	<b>102</b>	<b>109</b>	<b>116</b>	<b>123</b>	<b>131</b>

Machine - Use ( kg - lbs)

#### CRANES AND SIMILAR SPECIALISED MACHINES

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

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

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XTLA L2 *</b> <b>15.5 R 25 Tubeless <sup>(5)</sup></b>	123415 94687	16 9.9		397 15.6	1272 50.1	556 21.9	3795 149.4	26 32.8		245 64.7	12.00/1.3	12.00/1.3DC 13.00/1.4DC

Bar	2	2.5	3	3.5	4	4.5
Psi	29	36	44	51	58	65

Machine - Use (kg - lbs)	LOADERS					
FRONT LADEN	3700 8159	4250 9371	4800 10584	5350 11797	5800 12789	6450 14222
REAR UNLADEN	2950 6505	3400 7497	3850 8489	4300 9482	4650 10253	5150 11356

Machine - Use (kg - lbs)	GRADERS					
ALL AXLES	2325 5127	2650 5843	3000 6615			

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

Bar	2	2.5	3	3.5	4	4.5
Psi	29	36	44	51	58	65

Machine - Use (kg - lbs)	LOADERS					
FRONT LADEN	3700 8159	4250 9371	4800 10584	5350 11797	5800 12789	6450 14222
REAR UNLADEN	2950 6505	3400 7497	3850 8489	4300 9482	4650 10253	5150 11356

Machine - Use (kg - lbs)	GRADERS					
ALL AXLES	2325 5127	2650 5843	3000 6615			

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

Bar	2	2.5	3	3.5	4	4.5
Psi	29	36	44	51	58	65

Machine - Use (kg - lbs)	LOADERS					
FRONT LADEN	3700 8159	4250 9371	4800 10584	5350 11797	5800 12789	6450 14222
REAR UNLADEN	2950 6505	3400 7497	3850 8489	4300 9482	4650 10253	5150 11356

Machine - Use (kg - lbs)	GRADERS					
ALL AXLES	2325 5127	2650 5843	3000 6615			

Machine - Use (kg - lbs)	UNDERGROUND MINE MACHINES					
ALL AXLES	3350 7387	3850 8489	4300 9482	4800 10584	5200 11466	5800 12789

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

Bar	4	4.5	5	5.5	6	6.5	7	7.5	8
Psi	58	65	73	80	87	94	102	109	116

Machine - Use (kg - lbs)	TRANSPORT											
STANDARD	5000 11025	5450 12017	5900 13010	6400 14112	6850 15104	7300 16097	7550 16648	7750 17089	8000 17640			

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

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

30 KM/H	5300	5800	6300	6800	7300	7800
19 MPH	11687	12789	13892	14994	16097	17199

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

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

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

ALL AXLES	4050	5200	6350	7500	8650	9800
	8930	11466	14002	16538	19073	21609

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

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

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

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XL B 170E</b> 445/80 R 25 Tubeless	757059 54193	70 43.5		435 17.1	1356 53.4	619 24.4	4112 161.9	26 32.8		340 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>	<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 SPECIALISED MACHINES											
30 KM/H	2725	3650	4600	5650	6750	7800						
19 MPH	6009	8048	10143	12458	14884	17199						
40 KM/H	2600	3475	4400	5400	6450	7450						
25 MPH	5733	7662	9702	11907	14222	16427						
50 KM/H	2475	3300	4150	5150	6150	7100						
31 MPH	5457	7277	9151	11356	13561	15656						
60 KM/H	2365	3150	3975	5565	6030	6720						
37 MPH	5215	6946	8765	12271	13296	14818						
65 KM/H	2250	3000	3800	4650	5550	6450						
40 MPH	4961	6615	8379	10253	12238	14222						
70 KM/H	2100	2800	3550	4350	5200	6000						
43 MPH	4631	6174	7828	9592	11466	13230						
80 KM/H	1725	2300	2900	3600	4250	4950						
50 MPH	3804	5072	6395	7938	9371	10915						
90 KM/H	1475	1975	2500	3050	3650	4200						
56 MPH	3252	4355	5513	6725	8048	9261						
100 KM/H	1250	1675	2150	2650	3150	3600						
62 MPH	2756	3693	4741	5843	6946	7938						

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

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

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

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>X-CRANE + 174F</b> <b>445/95 R 25 Tubeless</b>	<b>738428</b> 30097	<b>80</b> 49.7		<b>442</b> 17.4	<b>1485</b> 58.5	<b>693</b> 27.3	<b>4542</b> 178.8	<b>25</b> 31.5		<b>380</b> 100.4	<b>11.00/1.7 CR</b>	<b>11.25/2</b> 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>

Machine - Use ( kg - lbs)

#### CRANES AND SIMILAR SPECIALISED MACHINES

30 KM/H	5340	6095	6850	7615	8375
19 MPH	11775	13439	15104	16791	18467
40 KM/H	4910	5605	6300	7005	7705
25 MPH	10827	12359	13892	15446	16990
50 KM/H	4780	5460	6140	6820	7505
31 MPH	10540	12039	13539	15038	16549
65 KM/H	4590	5240	5890	6545	7205
40 MPH	10121	11554	12987	14432	15887
70 KM/H	4485	5120	5755	6395	7035
43 MPH	9889	11290	12690	14101	15512
80 KM/H	4270	4875	5480	6090	6700
50 MPH	9415	10749	12083	13428	14774
90 KM/H	4015	4580	5150	5725	6300
56 MPH	8853	10099	11356	12624	13892
100 KM/H	3775	4305	4840	5380	5920
62 MPH	8324	9493	10672	11863	13054

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XL B 177E</b> <b>445/95 R 25 Tubeless</b>	<b>282741</b>	<b>70</b> 43.5		<b>422</b> 16.6	<b>1484</b> 58.4	<b>680</b> 26.8	<b>4506</b> 177.4	<b>29</b> 36.5		<b>350</b> 92.5	<b>11.00/1.7 CR</b>	<b>11.25/2</b>

<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>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>131</b>	<b>145</b>

Machine - Use ( kg - lbs)

#### CRANES AND SIMILAR SPECIALISED MACHINES

30 KM/H	2925	4100	5000	5850	6750	7650	8600	9500
19 MPH	6450	9041	11025	12899	14884	16868	18963	20948
40 KM/H	2800	3900	4775	5600	6450	7300	8200	9050
25 MPH	6174	8600	10529	12348	14222	16097	18081	19955
50 KM/H	2650	3725	4550	5300	6150	6950	7800	8600
31 MPH	5843	8214	10033	11687	13561	15325	17199	18963
65 KM/H	2400	3375	4125	4850	5600	6350	7150	7800
40 MPH	5292	7442	9096	10694	12348	14002	15766	17199
70 KM/H	2250	3150	3850	4500	5200	5900	6600	7300
43 MPH	4961	6946	8489	9923	11466	13010	14553	16097
80 KM/H	1850	2600	3150	3700	4250	4850	5400	6000
50 MPH	4079	5733	6946	8159	9371	10694	11907	13230
90 KM/H	1575	2200	2700	3150	3650	4150	4600	5100
56 MPH	3473	4851	5954	6946	8048	9151	10143	11246
100 KM/H	1350	1900	2300	2700	3120	3550	3950	4400
62 MPH	2977	4190	5072	5954	6880	7828	8710	9702

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XSNOPLUS L2T * TG</b> <b>17.5 R 25 Tubeless</b>	<b>123871</b> 99466	<b>16</b> 9.9		<b>448</b> 17.6	<b>1342</b> 52.8	<b>576</b> 22.7	<b>3977</b> 156.6	<b>28</b> 35.3		<b>333</b> 88	<b>14.00/1.5</b>	<b>13.00/1.4DC</b> <b>14.00/1.3DC</b> <b>14.00/1.5DC</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>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>62</b>	<b>65</b>	<b>73</b>	<b>80</b>	<b>87</b>

Machine - Use ( kg - lbs)

#### LOADERS

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

Machine - Use ( kg - lbs)

#### GRADERS

ALL AXLES	2800	3250	3650
	6174	7166	8048

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

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XTLA L2 *</b> <b>17.5 R 25 Tubeless <sup>(5)</sup></b>	123425 4118	16 9.9		459 18.1	1337 52.6	574 22.6	3964 156.1	28 35.3		332 87.7	14.00/1.5	14.00/1.3DC 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>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>62</b>	<b>65</b>	<b>73</b>	<b>80</b>	<b>87</b>			

Machine - Use (kg - lbs)	<b>LOADERS</b>											
FRONT LADEN	4550 10033	5100 11246	5700 12569	6250 13781	7100 15656	7350 16207						
REAR UNLADEN	3650 8048	4100 9041	4550 10033	5000 11025	5700 12569	5900 13010						

Machine - Use (kg - lbs)	<b>GRADERS</b>											
ALL AXLES	2800 6174	3250 7166	3650 8048									

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XH A L3 *</b> <b>17.5 R 25 Tubeless</b>	123009 35052	16 9.9		448 17.6	1340 52.8	580 22.8	3984 156.9	29 36.5		328 86.7	14.00/1.5	13.00/1.4DC 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>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>62</b>	<b>65</b>	<b>73</b>	<b>80</b>	<b>87</b>			

Machine - Use (kg - lbs)	<b>LOADERS</b>											
FRONT LADEN	4550 10033	5100 11246	5700 12569	6250 13781	7100 15656	7350 16207						
REAR UNLADEN	3650 8048	4100 9041	4550 10033	5000 11025	5700 12569	5900 13010						

Machine - Use (kg - lbs)	<b>GRADERS</b>											
ALL AXLES	2800 6174	3250 7166	3650 8048									

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XHA2 L3 * 176A2</b> <b>17.5 R 25 Tubeless</b>	717546 48885	16 9.9		459 18.1	1342 52.8	583 23	3995 157.3	29 36.5		325 85.9	14.00/1.5	13.00/1.4DC 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>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>62</b>	<b>65</b>	<b>73</b>	<b>80</b>	<b>87</b>			

Machine - Use (kg - lbs)	<b>LOADERS</b>											
FRONT LADEN	4550 10033	5100 11246	5700 12569	6250 13781	7100 15656	7350 16207						
REAR UNLADEN	3650 8048	4100 9041	4550 10033	5000 11025	5700 12569	5900 13010						

Machine - Use (kg - lbs)	<b>GRADERS</b>											
ALL AXLES	2800 6174	3250 7166	3650 8048									

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XK A L3 **</b> <b>17.5 R 25 Tubeless</b>	263251 44735	14 8.7		481 18.9	1346 53	600 23.6	4045 159.3	25 31.5		300 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>6</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>	<b>87</b>			

Machine - Use (kg - lbs)	<b>LOADERS</b>											
FRONT LADEN	4550 10033	5100 11246	5700 12569	6250 13781	7100 15656	7350 16207	7925 17475	8500 18743				
REAR UNLADEN	3650 8048	4100 9041	4550 10033	5000 11025	5700 12569	5900 13010	6350 14002	6800 14994				

Machine - Use (kg - lbs)	<b>UNDERGROUND TRANSPORT MACHINE</b>											
ALL AXLES			4250 9371	4750 10474	5600 12348	5800 12789	6300 13892	6700 14774				

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

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./ hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XLD D2 A LST *</b> <b>17.5 R 25 Tubeless</b>	<b>123317</b> 37608	<b>10</b> 6.2		<b>454</b> 17.9	<b>1406</b> 55.4	<b>619</b> 24.4	<b>4206</b> 165.6	<b>63</b> 79.4		<b>305</b> 80.6	<b>14.00/1.5</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>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>62</b>	<b>65</b>	<b>73</b>	<b>80</b>	<b>87</b>			

Machine - Use ( kg - lbs)	<b>LOADERS</b>											
FRONT LADEN	4550 10033	5100 11246	5700 12569	6250 13781	7100 15656	7350 16207						
REAR UNLADEN	3650 8048	4100 9041	4550 10033	5000 11025	5700 12569	5900 13010						

Machine - Use ( kg - lbs)	<b>GRADERS</b>											
ALL AXLES	2800 6174	3250 7166	3650 8048									

Machine - Use ( kg - lbs)	<b>UNDERGROUND TRANSPORT MACHINE</b>											
ALL AXLES			4250 9371	4750 10474	5600 12348	5800 12789	6300 13892	6700 14774				

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./ hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XMINE D2 L5 **</b> <b>17.5 R 25 Tubeless</b>	<b>009071</b> 31686	<b>6</b> 3.7		<b>480</b> 18.9	<b>1402</b> 55.2	<b>641</b> 25.2	<b>4254</b> 167.5	<b>65</b> 81.9		<b>285</b> 75.3	<b>14.00/1.5</b>	<b>14.00/1.5DC</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 10474	5450 12017	6000 13230	6500 14333	7100 15656	7500 16538	8000 17640	8500 18743				
REAR UNLADEN	3800 8379	4360 9614	4800 10584	5200 11466	5680 12524	6000 13230	6400 14112	6800 14994				

Machine - Use ( kg - lbs)	<b>UNDERGROUND TRANSPORT MACHINE</b>											
ALL AXLES	4250 9371	4750 10474	5300 11687	5800 12789	6300 13892	6700 14774	7100 15656	7500 16538				

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./ hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XSM D2+ L5S **</b> <b>17.5 R 25 Tubeless</b>	<b>218365</b> 41235	<b>4</b> 2.5		<b>456</b> 18	<b>1397</b> 55	<b>641</b> 25.2	<b>4246</b> 167.2	<b>78</b> 98.3		<b>272</b> 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 10474	5450 12017	6000 13230	6500 14333	7100 15656	7500 16538	8000 17640	8500 18743				
REAR UNLADEN	3800 8379	4360 9614	4800 10584	5200 11466	5680 12524	6000 13230	6400 14112	6800 14994				

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./ hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XSMD2+ PRO L5S ***</b> <b>17.5 R 25 Tubeless</b>	<b>822869</b> 33183	<b>4</b> 2.5		<b>453</b> 17.8	<b>1396</b> 55	<b>635</b> 25	<b>4227</b> 166.4	<b>78</b> 98.3		<b>272</b> 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 10474	5450 12017	6000 13230	6500 14333	7100 15656	7500 16538	8000 17640	8500 18743	10000 22050			
REAR UNLADEN	3800 8379	4360 9614	4800 10584	5200 11466	5680 12524	6000 13230	6400 14112	6800 14994	8000 17640			

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

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XMINE D2 PRO L5 *** 17.5 R 25 Tubeless</b>	720557 01143	6 3.7		477 18.8	1404 55.3	627 24.7	4222 166.2	65 81.9		285 75.3	14.00/1.5	14.00/1.5DC

Bar	3	3.5	4	4.5	5	5.5	6	6.5	7
Psi	44	51	58	65	73	80	87	94	102

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

FRONT LADEN	4750 10474	5450 12017	6000 13230	6500 14333	7100 15656	7500 16538	8000 17640	8500 18743	10000 22050	
REAR UNLADEN	3800 8379	4360 9614	4800 10584	5200 11466	5680 12524	6000 13230	6400 14112	6800 14994	8000 17640	

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

ALL AXLES	4250 9371	4750 10474	5300 11687	5800 12789	6300 13892	6700 14774	7100 15656	7500 16538	9000 19845	
-----------	--------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	---------------	--

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XS E7 18.00 R 25 Tubeless <sup>(9)</sup></b>	276450 46284			492 19.4	1600 63	722 28.4	4831 190.2	21 26.5	641 25.2	532 140.6	13.00/2.5	15.00/2.5

Bar	1	1.5	2	2.5	3	3.5	4	4.5	5	6
Psi	15	22	29	36	44	51	58	65	73	87

#### Machine - Use (kg - lbs) **DESERT CONDITIONS 65 KM/H MAX.**

ROAD IN SINGLE			3250 7166	3900 8600	4500 9923	5050 11135	5600 12348	6250 13781	6850 15104	8000 17640
ROAD IN TWIN			2925 6450	3510 7740	4050 8930	4545 10022	5040 11113	5625 12403	6165 13594	7200 15876
TRACK IN SINGLE			3250 7166	4050 8930	4950 10915	5750 12679	6600 14553			
TRACK IN TWIN			2925 6450	3645 8037	4455 9823	5175 11411	5940 13098			
SAND IN SINGLE	3600 7938	5050 11135	6350 14002							
SAND IN TWIN	3240 7144	4545 10022	5715 12602							

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XH D1 A E4 ** 18.00 R 25 Tubeless</b>	123031 34710	22 13.7	163 112	525 20.7	1665 65.6	760 29.9	5050 198.8	47 59.2	598 23.5	500 132.1	13.00/2.5	15.00/2.5

Bar	4	4.25	4.5	5	6	7	7.5
Psi	58	62	65	73	87	102	109

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

STANDARD	6800 14994	7100 15656	7400 16317	8000 17640	9250 20396	9850 21719	10150 22381			
----------	---------------	---------------	---------------	---------------	---------------	---------------	----------------	--	--	--

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XH D1 B E4 ** 18.00 R 25 Tubeless</b>	123021 34728	30 18.6	222 152	525 20.7	1665 65.6	760 29.9	5050 198.8	47 59.2	598 23.5	500 132.1	13.00/2.5	15.00/2.5

Bar	4	4.25	4.5	5	6	7	7.5
Psi	58	62	65	73	87	102	109

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

STANDARD	6800 14994	7100 15656	7400 16317	8000 17640	9250 20396	9850 21719	10150 22381			
----------	---------------	---------------	---------------	---------------	---------------	---------------	----------------	--	--	--

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

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XK D1 A E4 **</b> 18.00 R 25 Tubeless	270680 12336	18 11.2	133 91	530 20.9	1668 65.7	764 30.1	5064 199.4	47 59.2	598 23.5	495 130.8	13.00/2.5	15.00/2.5

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

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XHDT A E4</b> 18.00 R 25 Tubeless	199475 18573	23 14.3	170 116	496 19.5	1621 63.8	732 28.8	4896 192.8	47 59.2	587 23.1	513 135.5	13.00/2.5	15.00/2.5

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

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

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

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

Bar	4	4.5	5	5.5	6	7	7.5	8	8.25	8.5
Psi	58	65	73	80	87	102	109	116	120	123
Machine - Use ( kg - lbs)      LOADER										
FRONT LADEN	9250	10000	10900	11800	12500	14000	15000	15550	16000	
	20396	22050	24035	26019	27563	30870	33075	34288	35280	
REAR UNLADEN	7400	8000	8720	9450	10000	11200	12000	12450	12800	
	16317	17640	19228	20837	22050	24696	26460	27452	28224	

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

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

Bar	4	4.5	5	5.5	6	7	7.5	8	8.25	8.5
Psi	58	65	73	80	87	102	109	116	120	123
Machine - Use ( kg - lbs)	LOADER									
FRONT LADEN	9250	10000	10900	11800	12500	14000	15000	15550	16000	
	20396	22050	24035	26019	27563	30870	33075	34288	35280	
REAR UNLADEN	7400	8000	8720	9450	10000	11200	12000	12450	12800	
	16317	17640	19228	20837	22050	24696	26460	27452	28224	

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

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XSM D2+ L5S **</b> 18.00 R 25 Tubeless	694482 32651	6 3.7		509 20	1612 63.5	723 28.5	4856 191.2	78 98.3		437 115.5	13.00/2.5	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)      LOADER</b>												
<b>FRONT LADEN</b>	9250 20396	10000 22050		10900 24035	11800 26019	12500 27563	14000 30870	15000 33075		15550 34288	16000 35280	
<b>REAR UNLADEN</b>	7400 16317	8000 17640		8720 19228	9450 20837	10000 22050	11200 24696	12000 26460		12450 27452	12800 28224	

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

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XSMD2+ PRO L5S ***</b> 18.00 R 25 Tubeless	003438 57386	4 2.5		508 20	1653 65.1	738 29.1	4972 195.7	96 120.9		440 116.2	13.00/2.5	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 20396	10000 22050		10900 24035	11800 26019	12500 27563	14000 30870	15000 33075		15550 34288	16000 35280	17000 37485
<b>REAR UNLADEN</b>	7400 16317	8000 17640		8720 19228	9440 20815	10000 22050	11200 24696	12000 26460		12440 27430	12800 28224	13600 29988

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XV C E2 186E</b> 18.00 R 25 Tubeless (8 - 9)	123491 01255	50 31.1	284 195	496 19.5	1622 63.9	743 29.3	4925 193.9	26 32.8	641 25.2	563 148.7	13.00/2.5	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>10</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>145</b>
<b>Machine - Use ( kg - lbs)      CRANES AND SIMILAR SPECIALISED MACHINES</b>												
<b>30 KM/H</b>	3700	5200		6300	7400	8650	9900	10500		11100	12400	
<b>19 MPH</b>	8159	11466		13892	16317	19073	21830	23153		24476	27342	
<b>40 KM/H</b>	3525	4950		6000	7050	8250	9400	10000		10600	11800	
<b>25 MPH</b>	7773	10915		13230	15545	18191	20727	22050		23373	26019	
<b>50 KM/H</b>	3375	4725		5700	6750	7850	8950	9525		10100	11200	
<b>31 MPH</b>	7442	10419		12569	14884	17309	19735	21003		22271	24696	
<b>65 KM/H</b>	3050	4275		5200	6100	7100	8150	8650		9150	10200	
<b>40 MPH</b>	6725	9426		11466	13451	15656	17971	19073		20176	22491	
<b>70 KM/H</b>	2850	4000		4850	5700	6650	7600	8075		8550	9500	
<b>43 MPH</b>	6284	8820		10694	12569	14663	16758	17805		18853	20948	
<b>80 KM/H</b>	2325	3275		3975	4675	5450	6250	6625		7000	7800	
<b>50 MPH</b>	5127	7221		8765	10308	12017	13781	14608		15435	17199	
<b>90 KM/H</b>	2000	2800		3400	4000	4650	5300	5650		6000	6650	
<b>56 MPH</b>	4410	6174		7497	8820	10253	11687	12458		13230	14663	
<b>100 KM/H</b>	1700	2400		2900	3400	4000	4550	4750		5150	5700	
<b>62 MPH</b>	3749	5292		6395	7497	8820	10033	10474		11356	12569	

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

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XVC 183E</b> <b>505/95 R 25 Tubeless <sup>(9)</sup></b>	565628 67579	50 31.1	284 195	498 19.6	1610 63.4	743 29.3	4902 193	26 32.8		576 152.2	13.00/2.5	10.0/2.0 15.00/2.5

<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 SPECIALISED MACHINES

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

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XADN E3T ** 177B</b> <b>20.5 R 25 Tubeless</b>	123407 23290	28 17.4	164 112	528 20.8	1490 58.7	667 26.3	4485 176.6	36 45.4		474 125.2	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>4.25</b>	<b>4.5</b>	<b>5</b>	<b>5.75</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>73</b>	<b>83</b>

Machine - Use ( kg - lbs)

#### ARTICULATED DUMP TRUCKS

STANDARD	4750	5250	5750	6250	6800	7050	7300
	10474	11576	12679	13781	14994	15545	16097

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XSNOPLUS L2T *</b> <b>20.5 R 25 Tubeless</b>	123795 62408	16 9.9		534 21	1471 57.9	632 24.9	4362 171.7	31 39.1		500 132.1	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>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>62</b>	<b>65</b>	<b>73</b>	<b>80</b>	<b>87</b>

Machine - Use ( kg - lbs)

#### LOADERS

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

Machine - Use ( kg - lbs)

#### GRADERS

ALL AXLES	3600	4125	4625
	7938	9096	10198

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

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XTLA L2 *</b> <b>20.5 R 25 Tubeless <sup>(5)</sup></b>	123435 9122	16 9.9		532 20.9	1480 58.3	637 25.1	4391 172.9	31 39.1		500 132.1	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>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>62</b>	<b>65</b>	<b>73</b>	<b>80</b>	<b>87</b>			

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

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

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XHA2 L3 * 186A2</b> <b>20.5 R 25 Tubeless</b>	899613 84298	16 9.9		528 20.8	1486 58.5	644 25.4	4420 174	33 41.6		489 129.2	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>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>62</b>	<b>65</b>	<b>73</b>	<b>80</b>	<b>87</b>			

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

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

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XK A L3 **</b> <b>20.5 R 25 Tubeless</b>	263460	14 8.7		560 22	1486 58.5	655 25.8	4447 175.1	28 35.3		485 128.1	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>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>62</b>	<b>65</b>	<b>73</b>	<b>80</b>	<b>87</b>			

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

Machine - Use ( kg - lbs)	<b>UNDERGROUND TRANSPORT MACHINE</b>											
ALL AXLES			5600 12348	6300 13892	7300 16097	7750 17089	8250 18191	9000 19845				

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

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

<b>Bar</b>	2	2.5	3	3.5	4.25	4.5	5	5.5	6
<b>Psi</b>	29	36	44	51	62	65	73	80	87

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

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

Machine - Use (kg - lbs)	<b>UNDERGROUND TRANSPORT MACHINE</b>											
ALL AXLES			5600 12348	6300 13892	7300 16097	7750 17089	8250 18191	9000 19845				

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

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

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

Machine - Use (kg - lbs)	<b>UNDERGROUND TRANSPORT MACHINE</b>											
ALL AXLES	5600 12348	6300 13892	7100 15656	7750 17089	8250 18191	9000 19845	9500 20948	10000 22050				

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

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

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

Machine - Use (kg - lbs)	<b>UNDERGROUND TRANSPORT MACHINE</b>											
ALL AXLES	5600 12348	6300 13892	7100 15656	7750 17089	8250 18191	9000 19845	9500 20948	10000 22050	11800 26019			

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

<b>Bar</b>	2	2.5	3	3.5	4.25	4.5	5	5.5	6
<b>Psi</b>	29	36	44	51	62	65	73	80	87

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

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

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

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

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

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

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

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XS E7 21.00 R 25 Tubeless <sup>(9)</sup></b>	276670			558 22	1750 68.9	767 30.2	5226 205.7	19 23.9		700 184.9	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)	DESERT CONDITIONS 65 KM/H MAX.									
ROAD IN SINGLE	2500	3050	3750	4500	5250	6000	6650	7350	8050	9500
	5513	6725	8269	9923	11576	13230	14663	16207	17750	20948
ROAD IN TWIN	2250	2745	3375	4050	4725	5400	6435	6615	7245	8550
	4961	6053	7442	8930	10419	11907	14189	14586	15975	18853
TRACK IN SINGLE	2750	3750	4750	5800	6800	7800				
	6064	8269	10474	12789	14994	17199				
TRACK IN TWIN	2475	3375	4275	5220	6120	7020				
	5457	7442	9426	11510	13495	15479				
SAND IN SINGLE	4250	6000	7600							
	9371	13230	16758							
SAND IN TWIN	3825	5400	6840							
	8434	11907	15082							

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

<b>Machine - Use ( kg - lbs) UNDERGROUND MINE MACHINES</b>												
ALL AXLES	6600 14553	8500 18743	10400 22932	12300 27122	14250 31421	15650 34508	16600 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>

<b>Machine - Use ( kg - lbs) TRANSPORT</b>												
STANDARD	8350 18412	9100 20066	9850 21719	10600 23373	11400 25137	12150 26791	12550 27673	12925 28500	13300 29327			

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XLD 65 L3T * 550/65 R 25 Tubeless</b>	123570 86785	16 9.9		549 21.6	1400 55.1	600 23.6	4147 163.3	32 40.3		450 118.9	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)	LOADERS									
FRONT LADEN	4900	5350	5800	6700	7150	7600	8500	8950	9400	10300
	10805	11797	12789	14774	15766	16758	18743	19735	20727	22712
REAR UNLADEN	3925	4290	4650	5350	5720	6075	6800	7165	7525	8250
	8655	9459	10253	11797	12613	13395	14994	15799	16593	18191

<b>Machine - Use ( kg - lbs) GRADERS</b>												
ALL AXLES	2940 6483	3210 7078	3480 7673	4020 8864	4290 9459	4560 10055	5100 11246					

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

<b>Bar</b>	<b>2</b>	<b>2.5</b>	<b>3</b>	<b>3.5</b>	<b>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>											
<b>FRONT LADEN</b>	<b>8100</b> 17861	<b>9100</b> 20066		<b>10150</b> 22381	<b>11150</b> 24586	<b>12150</b> 26791						
<b>REAR UNLADEN</b>	<b>6500</b> 14333	<b>7300</b> 16097		<b>8100</b> 17861	<b>8900</b> 19625	<b>9700</b> 21389						

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

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

<b>Bar</b>	<b>2</b>	<b>2.5</b>	<b>3</b>	<b>3.5</b>	<b>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>											
<b>FRONT LADEN</b>	<b>8100</b> 17861	<b>9100</b> 20066		<b>10150</b> 22381	<b>11150</b> 24586	<b>12150</b> 26791						
<b>REAR UNLADEN</b>	<b>6500</b> 14333	<b>7300</b> 16097		<b>8100</b> 17861	<b>8900</b> 19625	<b>9700</b> 21389						

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

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

<b>Bar</b>	<b>2</b>	<b>2.5</b>	<b>3</b>	<b>3.5</b>	<b>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>	<b>8100</b> 17861	<b>9100</b> 20066		<b>10150</b> 22381	<b>11150</b> 24586	<b>12150</b> 26791	<b>13350</b> 29437	<b>13900</b> 30650		<b>14500</b> 31973		
<b>REAR UNLADEN</b>	<b>6500</b> 14333	<b>7300</b> 16097		<b>8100</b> 17861	<b>8900</b> 19625	<b>9700</b> 21389	<b>10700</b> 23594	<b>11160</b> 24608		<b>11600</b> 25578		

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

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

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved Rims <sup>(2) (3)</sup>
<b>XLD D2 A LST *</b> <b>23.5 R 25 Tubeless</b>	<b>123326</b> 58159	<b>10</b> 6.2		<b>612</b> 24.1	<b>1662</b> 65.4	<b>722</b> 28.4	<b>4947</b> 194.8	<b>77</b> 97		<b>600</b> 158.5	<b>19.50/2.5</b>	

<b>Bar</b>	<b>2</b>	<b>2.5</b>	<b>3</b>	<b>3.5</b>	<b>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>	<b>8100</b> 17861	<b>9100</b> 20066	<b>10150</b> 22381	<b>11150</b> 24586	<b>12150</b> 26791							
<b>REAR UNLADEN</b>	<b>6500</b> 14333	<b>7300</b> 16097	<b>8100</b> 17861	<b>8900</b> 19625	<b>9700</b> 21389							

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

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

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved Rims <sup>(2) (3)</sup>
<b>XMINE D2 L5 **</b> <b>23.5 R 25 Tubeless</b>	<b>199408</b> 32199	<b>6</b> 3.7		<b>637</b> 25.1	<b>1656</b> 65.2	<b>751</b> 29.6	<b>5009</b> 197.2	<b>83</b> 104.6		<b>590</b> 155.9	<b>19.50/2.5</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>											
<b>FRONT LADEN</b>	<b>8250</b> 18191	<b>9250</b> 20396	<b>10300</b> 22712	<b>11200</b> 24696	<b>12150</b> 26791	<b>12850</b> 28334	<b>13600</b> 29988	<b>14500</b> 31973				
<b>REAR UNLADEN</b>	<b>6600</b> 14553	<b>7400</b> 16317	<b>8240</b> 18169	<b>8960</b> 19757	<b>9720</b> 21433	<b>10280</b> 22667	<b>10880</b> 23990	<b>11600</b> 25578				

Machine - Use ( kg - lbs)	<b>UNDERGROUND TRANSPORT MACHINE</b>											
<b>ALL AXLES</b>	<b>7300</b> 16097	<b>8250</b> 18191	<b>9000</b> 19845	<b>9750</b> 21499	<b>10600</b> 23373	<b>11500</b> 25358	<b>12150</b> 26791	<b>12850</b> 28334				

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved Rims <sup>(2) (3)</sup>
<b>XMINE D2 PRO L5 ***</b> <b>23.5 R 25 Tubeless</b>	<b>813419</b> 10697	<b>6</b> 3.7		<b>643</b> 25.3	<b>1660</b> 65.4	<b>746</b> 29.4	<b>5004</b> 197	<b>83</b> 104.6		<b>590</b> 155.9	<b>19.50/2.5</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>											
<b>FRONT LADEN</b>	<b>8250</b> 18191	<b>9250</b> 20396	<b>10300</b> 22712	<b>11200</b> 24696	<b>12150</b> 26791	<b>12850</b> 28334	<b>13600</b> 29988	<b>14400</b> 31752	<b>17000</b> 37485			
<b>REAR UNLADEN</b>	<b>6600</b> 14553	<b>7400</b> 16317	<b>8240</b> 18169	<b>8960</b> 19757	<b>9720</b> 21433	<b>10280</b> 22667	<b>10880</b> 23990	<b>11600</b> 25578	<b>13600</b> 29988			

Machine - Use ( kg - lbs)	<b>UNDERGROUND TRANSPORT MACHINE</b>											
<b>ALL AXLES</b>	<b>7300</b> 16097	<b>8250</b> 18191	<b>9000</b> 19845	<b>9750</b> 21499	<b>10600</b> 23373	<b>11500</b> 25358	<b>12150</b> 26791	<b>12850</b> 28334	<b>15000</b> 33075			

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

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved Rims <sup>(2) (3)</sup>
<b>XMINE D2 L5R *</b> <b>23.5 R 25 Tubeless <sup>(6)</sup></b>	266931 14357	6 3.7		637 25.1	1656 65.2	707 27.8	4898 192.8	83 104.6		590 155.9	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) **LOADERS**

<b>FRONT LADEN</b>	8100 17861	9100 20066	10150 22381	11150 24586	12150 26791							
<b>REAR UNLADEN</b>	6500 14333	7300 16097	8100 17861	8900 19625	9700 21389							

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

<b>ALL AXLES</b>			7300 16097	8250 18191	9000 19845	9750 21499	10600 23373	11500 25358				
------------------	--	--	---------------	---------------	---------------	---------------	----------------	----------------	--	--	--	--

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved Rims <sup>(2) (3)</sup>
<b>XLDN *</b> <b>23.5 R 25 Tubeless</b>	387171	16 9.9		600 23.6	1609 63.3	682 26.9	4748 186.9	34 42.8		660 174.4	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) **LOADER**

<b>FRONT LADEN</b>	8100 17861	9100 20066	10150 22381	11150 24586	12150 26791							
<b>REAR UNLADEN</b>	6500 14333	7300 16097	8100 17861	8900 19625	9700 21389							

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved Rims <sup>(2) (3)</sup>
<b>XL B E2 188E</b> <b>23.5 R 25 Tubeless</b>	123474 75781	70 43.5		598 23.5	1619 63.7	737 29	4905 193.1	27 34		700 184.9	19.50/2.5	

<b>Bar</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>						
<b>Psi</b>	<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 SPECIALISED MACHINES**

<b>30 KM/H</b> <b>19 MPH</b>	4750 10474	6350 14002	7950 17530	9600 21168	11300 24917	13000 28665						
<b>40 KM/H</b> <b>25 MPH</b>	4550 10033	6050 13340	7550 16648	9200 20286	10800 23814	12400 27342						
<b>50 KM/H</b> <b>31 MPH</b>	4325 9537	5750 12679	7200 15876	8750 19294	10300 22712	11800 26019						
<b>65 KM/H</b> <b>40 MPH</b>	3925 8655	5200 11466	6550 14443	7900 17420	9300 20507	10700 23594						
<b>70 KM/H</b> <b>43 MPH</b>	3660 8070	4880 10760	6100 13451	7400 16317	8700 19184	10000 22050						
<b>80 KM/H</b> <b>50 MPH</b>	3000 6615	4000 8820	5000 11025	6050 13340	7150 15766	8200 18081						
<b>90 KM/H</b> <b>56 MPH</b>	2550 5623	3425 7552	4250 9371	5200 11466	6100 13451	7000 15435						
<b>100 KM/H</b> <b>62 MPH</b>	2100 4631	2925 6450	3650 8048	4400 9702	5200 11466	6000 13230						

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

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XLD 65 L3T *</b> <b>600/65 R 25 Tubeless</b>	063799 82704	16 9.9		622 24.5	1429 56.3	617 24.3	4246 167.2	34 42.8		484 127.9	19.50/2.5	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</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>											
<b>FRONT LADEN</b>	5650 12458	6675 14718	7700 16979	8725 19239	9750 21499	10725 23649	11700 25799					
<b>REAR UNLADEN</b>	4520 9967	5340 11775	6160 13583	6980 15391	7800 17199	8580 18919	9360 20639					

Machine - Use (kg - lbs)	<b>GRADERS</b>											
<b>ALL AXLES</b>	3390 7475	4005 8831	4600 10143									

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XAD 65-1 SUPER E3T ** 180B</b> <b>650/65 R 25 Tubeless</b>	840573 89647	28 17.4	179 123	630 24.8	1494 58.8	669 26.3	4498 177.1	40 50.4		595 157.2	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)	<b>ARTICULATED DUMP TRUCKS</b>											
<b>STANDARD</b>	5450 12017	6300 13892	7150 15766	8000 17640								

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XLD 65 L3T *</b> <b>650/65 R 25 Tubeless</b>	123820 90278	16 9.9		634 25	1498 59	637 25.1	4425 174.2	37 46.6		596 157.5	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)	<b>LOADERS</b>											
<b>FRONT LADEN</b>	6700 14774	7900 17420	9100 20066	10300 22712	11500 25358	12700 28004	13900 30650					
<b>REAR UNLADEN</b>	5400 11907	6350 14002	7300 16097	8250 18191	9200 20286	10150 22381	11100 24476					

Machine - Use (kg - lbs)	<b>GRADERS</b>											
<b>ALL AXLES</b>	4100 9041	4800 10584	5500 12128	6200 13671	6900 15215	7600 16758	8300 18302					

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XADN+ E3 ** 193B</b> <b>26.5 R 25 Tubeless</b>	154324 72625	28 17.4	258 177	687 27	1726 68	773 30.4	5196 204.6	41 51.7		908 239.9	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)	<b>ARTICULATED DUMP TRUCKS</b>											
<b>STANDARD</b>		6500 14333	7500 16538	8000 17640	8500 18743	9500 20948	10500 23153	11500 25358				

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XADN E3T ** 193B</b> <b>26.5 R 25 Tubeless <sup>(4)</sup></b>	123427 72625	28 17.4		675 26.6	1728 68	769 30.3	5190 204.3	41 51.7		900 237.8	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>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 14333	7500 16538	8500 18743	9000 19845	9500 20948	10500 23153	11500 25358				

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

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>X-SUPER TERRAIN+ E4 ** 193B</b> <b>26.5 R 25 Tubeless</b>	039476 35486	24 14.9	221 151	691 27.2	1749 68.9	783 30.8	5266 207.3	54 68		862 227.7	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 14333	7500 16538	8000 17640	8500 18743	9500 20948	10500 23153	11500 25358				

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XHA2 L3 ** 209A2</b> <b>26.5 R 25 Tubeless</b>	893825 65348	16 9.9		678 26.7	1732 68.2	740 29.1	5125 201.8	41 51.7		879 232.2	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 20507	10300 22712	12150 26791	13600 29988	15000 33075	16150 35611	17350 38257	18500 40793				
<b>REAR UNLADEN</b>	7450 16427	8250 18191	9700 21389	10900 24035	12000 26460	12900 28445	13900 30650	14800 32634				

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

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XK A L3 **</b> <b>26.5 R 25 Tubeless (8 - 12)</b>	273360 45856	14 8.7		714 28.1	1734 68.3	763 30	5186 204.2	35 44.1		855 225.9	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>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>LOADERS</b>											
<b>FRONT LADEN</b>	10300 22712	12850 28334	14000 30870	15000 33075	16000 35280	17000 37485	18500 40793					
<b>REAR UNLADEN</b>	8240 18169	10280 22667	11200 24696	12000 26460	12800 28224	13600 29988	14800 32634					

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

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XSM DN L3S</b> <b>26.5 R 25 Tubeless <sup>(9)</sup></b>	123022	10 6.2		724 28.5	1726 68	770 30.3	5189 204.3	48 60.5		890 235.1	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>				

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

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

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

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XTRA DEFEND 193B 26.5 R 25 Tubeless</b>	740832 61680	24 14.9	221 151	698 27.5	1740 68.5	775 30.5	5228 205.8	59.5 75		870 229.9	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>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 14333	7500 16538	8500 18743	9000 19845	9500 20948	10500 23153	11500 25358					

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XLD D1 A L4R * 26.5 R 25 Tubeless</b>	123495 70042	14 8.7		690 27.2	1803 71	780 30.7	5360 211	53 66.8		947 250.2	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>				

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

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

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XLD D2 A L5T * 26.5 R 25 Tubeless</b>	123094 33046	10 6.2		687 27	1800 70.9	778 30.6	5348 210.6	87 109.6		825 218	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>											
<b>FRONT LADEN</b>	9300 20507	10300 22712	12150 26791	13600 29988	15000 33075	16150 35611	17350 38257	18500 40793				
<b>REAR UNLADEN</b>	7450 16427	8250 18191	9700 21389	10900 24035	12000 26460	12900 28445	13900 30650	14800 32634				

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

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XMINE D2 L5 ** 26.5 R 25 Tubeless</b>	164572 33205	6 3.7		718 28.3	1795 70.7	807 31.8	5413 213.1	91 114.6		812 214.5	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>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>LOADERS</b>											
<b>FRONT LADEN</b>	10300 22712	12850 28334	14000 30870	15000 33075	16000 35280	17000 37485	18500 40793					
<b>REAR UNLADEN</b>	8240 18169	10280 22667	11200 24696	12000 26460	12800 28224	13600 29988	14800 32634					

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

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

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./ hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XMINE D2 L5R *</b> <b>26.5 R 25 Tubeless <sup>(4)</sup></b>	273400 21337	6 3.7		718 28.3	1794 70.6	751 29.6	5269 207.4	91 114.6		820 216.6	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 20507	10300 22712	12150 26791	13600 29988	15000 33075	16150 35611	17350 38257	18500 40793				
REAR UNLADEN	7450 16427	8250 18191	9700 21389	10900 24035	12000 26460	12900 28445	13900 30650	14800 32634				

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

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./ hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XSM D2+ L5S **</b> <b>26.5 R 25 Tubeless</b>	995669 93041	4 2.5		692 27.2	1790 70.5	806 31.7	5400 212.6	102 128.5		771 203.7	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>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>LOADERS</b>											
FRONT LADEN	10300 22712	12850 28334	14000 30870	15000 33075	16000 35280	17000 37485	18500 40793					
REAR UNLADEN	8240 18169	10280 22667	11200 24696	12000 26460	12800 28224	13600 29988	14800 32634					

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./ hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XSMD2+ PRO L5S ***</b> <b>26.5 R 25 Tubeless</b>	183806 74661	4 2.5		693 27.3	1788 70.4	798 31.4	5376 211.7	102 128.5		771 203.7	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>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</b>											
FRONT LADEN	10300 22712	12850 28334	14000 30870	15000 33075	16000 35280	17000 37485	18500 40793	21200 46746				
REAR UNLADEN	8240 18169	10500 23153	11200 24696	12000 26460	12800 28224	13600 29988	14800 32634	16960 37397				

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./ hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XSM DN+ L3S ***</b> <b>26.5 R 25 Tubeless</b>	569259 29138	10 6.2		704 27.7	1727 68	770 30.3	5192 204.4	44 55.4		836 220.9	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>		

Machine - Use ( kg - lbs)	<b>LOADERS</b>											
FRONT LADEN	10300 22712	12850 28334	14000 30870	15000 33075	16000 35280	17000 37485	18500 40793	19500 42998	20600 45423	21200 46746		
REAR UNLADEN	9100 20066	10600 23373	11450 25247	12300 27122	13100 28886	13800 30429	14650 32303	15400 33957	16200 35721	16850 37154		

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

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

<b>FRONT LADEN</b>	10300 22712	12850 28334	14000 30870	15000 33075	16000 35280	17000 37485	18500 40793					
<b>REAR UNLADEN</b>	8240 18169	10280 22667	11200 24696	12000 26460	12800 28224	13600 29988	14800 32634					

#### Machine - Use ( kg - lbs) **LOADER LOAD PER TYRE > 18.5 T**

<b>FRONT LADEN</b>										19500 42998	20600 45423	21200 46746
<b>REAR UNLADEN</b>										15600 34398	16480 36338	16960 37397

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

<b>ALL AXLES</b>	9000 19845	11200 24696	12500 27563	13200 29106	14500 31973	15500 34178	16500 36383	17000 37485	18000 39690	19000 41895
------------------	---------------	----------------	----------------	----------------	----------------	----------------	----------------	----------------	----------------	----------------

	CAI	km	TKPH	mm	mm	mm	mm	mm	mm	litre		
<b>XTXL E4 ****</b> <b>26.5 R 25 Tubeless</b>	321951		180	687	1722	763	5164	54		817	22.00/3.0	

<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>
------------	----------	----------	------------	----------	------------	----------	------------	----------	------------	----------

#### kg **UNDERGROUND TANSPORT MACHINE**

<b>ALL AXLES</b>	9000	11200	12500	13200	14500	15500	16500	17000	18000	19000
------------------	------	-------	-------	-------	-------	-------	-------	-------	-------	-------

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

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

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

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

<b>Machine - Use (kg - lbs) ARTICULATED DUMP TRUCKS</b>												
<b>STANDARD</b>		7800 17199	9050 19955	9675 21333	10300 22712	11500 25358	12750 28114	14000 30870				

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

<b>Machine - Use (kg - lbs) ARTICULATED DUMP TRUCKS</b>												
<b>STANDARD</b>		7800 17199	9050 19955	9675 21333	10300 22712	11500 25358	12750 28114	14000 30870				

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved Rims <sup>(2) (3)</sup>
<b>XHA2 L3 ** 216A2</b> 29.5 R 25 Tubeless	961307 82493	16 9.9		747 29.4	1860 73.2	795 31.3	5504 216.7	43 54.2		1177 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>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) LOADERS</b>												
<b>FRONT LADEN</b>	11150 24586	12300 27122	14600 32193	16300 35942	18000 39690	19450 42887	20950 46195	22400 49392				
<b>REAR UNLADEN</b>	8900 19625	9850 21719	11700 25799	13050 28775	14400 31752	15550 34288	16750 36934	17900 39470				

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved Rims <sup>(2) (3)</sup>
<b>XTRA FLEXLIFE E3** L3**</b> 200B/216A2 29.5 R 25 Tubeless	577416 69418	Loader 16 - 9.90 ADT 28 - 17.4	314 215	760 29.9	1850 72.8	826 32.5	5578 219.6	48 60.5		1215 321	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>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>												
<b>FRONT LADEN</b>	10200 22491	11950 26350	13700 30209	15450 34067	17200 37926	18900 41675	20700 45644	22400 49392	24150 53251			
<b>REAR UNLADEN</b>	8200 18081	9550 21058	11000 24255	12400 27342	13800 30429	15200 33516	16600 36603	18000 39690	19400 42777			

<b>Machine - Use (kg - lbs) ARTICULATED DUMPERS</b>												
<b>STANDARD</b>	7550 16648	8840 19492	10100 22271	11400 25137	12700 28004	14000 30870	15300 33737	16500 36383				

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

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

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

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

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

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

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

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

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

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

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

Bar	3	3.5	4	4.5	5	5.5	6	6.5	7
Psi	44	51	58	65	73	80	87	94	102

Machine - Use (kg - lbs)	<b>LOADERS</b>											
FRONT LADEN	12500 27563	14000 30870	15500 34178	17000 37485	18000 39690	19500 42998	20600 45423	22400 49392				
REAR UNLADEN	10000 22050	11200 24696	12400 27342	13600 29988	14400 31752	15600 34398	16480 36338	17920 39514				

Machine - Use (kg - lbs)	<b>UNDERGROUND TRANSPORT MACHINE</b>											
ALL AXLES	10900 24035	12150 26791	13600 29988	15000 33075	16000 35280	17500 38588	18500 40793	19500 42998				

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

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

<b>Bar</b>	2	2.5		3	3.5	4	4.5	5	5.5	6	6.5
<b>Psi</b>	29	36		44	51	58	65	73	80	87	94

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

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

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

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

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved Rims <sup>(2) (3)</sup>
<b>XADN E E3V ** 200E</b> 29.5 R 25 Tubeless	123703	50 31.1	560 384	743 29.3	1850 72.8	817 32.2	5541 218.1	44 55.4		1180 311.8	25.00/3.5	

<b>Bar</b>	2	2.5		3	3.25	3.5	4	4.5	5	5.5
<b>Psi</b>	29	36		44	47	51	58	65	73	80

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

<b>STANDARD</b>	7800 17199	9050 19955	10300 22712	10900 24035	11500 25358	12750 28114	14000 30870				
<b>70 KM/H 43 MPH</b>			7800 17199	8575 18908	9350 20617	10900 24035	11500 25358	12750 28114	14000 30870		

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved Rims <sup>(2) (3)</sup>
<b>XS SAND E7 ** 196E</b> 29.5 R 25 Tubeless <sup>(6)</sup>	458236 01330			747 29.4	1820 71.7	796 31.3	5431 213.8	22 27.7		1200 317	25.00/3.5	

<b>Bar</b>	2	2.3		2.5	2.7	2.9	3.3	3.7	4.1	4.5	4.9
<b>Psi</b>	29	33		36	39	42	48	54	59	65	71

#### Machine - Use ( kg - lbs) **DESERT CONDITIONS 65 KM/H MAX.**

<b>ROAD IN SINGLE</b>									11000 24255	12000 26460	13000 28665	14000 30870
<b>TRACK IN SINGLE</b>								11000 24255	12000 26460	13000 28665	14000 30870	
<b>SAND IN SINGLE</b>	11000 24255	12000 26460	12500 27563	13000 28665	14000 30870							

<b>Bar</b>	2	2.5		3	3.25	3.5	4	4.5	5	5.5
<b>Psi</b>	29	36		44	47	51	58	65	73	80

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

<b>STANDARD</b>	7800 17199	9050 19955	10300 22712	10900 24035	11500 25358	12750 28114	14000 30870				
<b>70 KM/H 43 MPH</b>			7800 17199	8575 18908	9350 20617	10900 24035	11500 25358	12750 28114	14000 30870		

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved Rims <sup>(2) (3)</sup>
<b>XTRA DEFEND E4 ** 200B</b> 29.5 R 25 Tubeless	940473 07272	22 13.7	246 169	773 30.4	1862 73.3	826 32.5	5586 219.9	65 81.9		1142 301.7	25.00/3.5	

<b>Bar</b>	2	2.5		3	3.25	3.5	4	4.5	5	5.5
<b>Psi</b>	29	36		44	47	51	58	65	73	80

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

<b>STANDARD</b>	7800 17199	9050 19955	10300 22712	10900 24035	11500 25358	12750 28114	14000 30870				
-----------------	---------------	---------------	----------------	----------------	----------------	----------------	----------------	--	--	--	--

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

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XTXL E4 **** L4 *** 221A2</b> <b>29.5 R 25 Tubeless</b>	427926 40734	14 8.7 if load per tyre <=22.4 t	220 151	775 30.5	1822 71.7	793 31.2	5427 213.7	59 74.3		1029 271.9	25.00/3.5	
		12 7.5 if load per tyre >22.4 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) **LOADER LOAD PER TYRE <= 22.4 T**

<b>FRONT LADEN</b>	12500 27563	15500 34178	17000 37485	18000 39690	19500 42998	20600 45423	22400 49392					
<b>REAR UNLADEN</b>	10000 22050	12400 27342	13600 29988	14400 31752	15600 34398	16480 36338	17920 39514					

#### Machine - Use ( kg - lbs) **LOADER LOAD PER TYRE > 22.4 T**

<b>FRONT LADEN</b>										23600 52038	24300 53582	25750 56779
<b>REAR UNLADEN</b>										18880 41630	19440 42865	20600 45423

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

<b>ALL AXLES</b>	10900 24035	13600 29988	15000 33075	16000 35280	17500 38588	18500 40793	19500 42998	20600 45423	21800 48069	23000 50715
------------------	----------------	----------------	----------------	----------------	----------------	----------------	----------------	----------------	----------------	----------------

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XTXL E4 ****</b> <b>29.5 R 25 Tubeless</b>	775766 76493		220 151	775 30.5	1822 71.7	804 31.7	5455 214.8	59 74.3		1029 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>

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

<b>ALL AXLES</b>	10900 24035	13600 29988	15000 33075	16000 35280	17500 38588	18500 40793	19500 42998	20600 45423	21800 48069	23000 50715
------------------	----------------	----------------	----------------	----------------	----------------	----------------	----------------	----------------	----------------	----------------

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XAD 65-1 SUPER E3T ** 190B</b> <b>750/65 R 25 Tubeless</b>	123895 79374	28 17.4	237 162	738 29.1	1599 63	701 27.6	4777 188.1	43 54.2		810 214	24.00/3.0	22.00/3.0 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>

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

<b>STANDARD</b>	7350 16207	8400 18522	8950 19735	9500 20948	10600 23373
-----------------	---------------	---------------	---------------	---------------	----------------

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XTRA DEFEND 190B</b> <b>750/65 R 25 Tubeless</b>	209221 32588	26 16.2	220 151	733 28.9	1628 64.1	720 28.3	4878 192	55 69.3			24.00/3.0	22.00/3.0 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>

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

<b>STANDARD</b>	7350 16207	8400 18522	8950 19735	9500 20948	10600 23373
-----------------	---------------	---------------	---------------	---------------	----------------

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

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XLD 65 L3T *</b> <b>750/65 R 25 Tubeless</b>	123940 50629	16 9.9		747 29.4	1591 62.6	683 26.9	4714 185.6	41 51.7		788 208.2	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 18522	9720 21433		11040 24343	11700 25799	12360 27254	13680 30164		15000 33075	16320 35986	17640 38896	
<b>REAR UNLADEN</b>	6725 14829	7775 17144		8825 19459	9365 20650	9900 21830	10950 24145		12000 26460	13050 28775	14100 31091	
<b>Machine - Use ( kg - lbs)      GRADERS</b>												
<b>ALL AXLES</b>	5040 11113	5830 12855		6620 14597	7020 15479	7420 16361	8210 18103					

## 29"

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XSM DN L3S *</b> <b>26.5 R 29 Tubeless <sup>(9)</sup></b>	123661	10 6.2		726 28.6	1830 72	811 31.9	5488 216.1	40 50.4		937 247.6	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>												
<b>FRONT LADEN</b>	13600 29988	14000 30870		15000 33075	16000 35280	16500 36383	17500 38588		18000 39690	18500 40793	19000 41895	19500 42998
<b>REAR UNLADEN</b>	10880 23990	11200 24696		12000 26460	12800 28224	13200 29106	14000 30870		14400 31752	14800 32634	15200 33516	15600 34398
<b>Machine - Use ( kg - lbs)      UNDERGROUND TRANSPORT MACHINE</b>												
<b>ALL AXLES</b>	12150 26791	12500 27563		13200 29106	14500 31973	15000 33075	15500 34178		16000 35280	16500 36383	17000 37485	17500 38588

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XK A L3 **</b> <b>26.5 R 29 Tubeless (8 - 9)</b>	273860 21675	14 8.7		712 28	1840 72.4	801 31.5	5478 215.7	35 44.1		855 225.9	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>												
<b>FRONT LADEN</b>	13600 29988	14000 30870		15000 33075	16000 35280	16500 36383	17500 38588		18000 39690	18500 40793	19000 41895	19500 42998
<b>REAR UNLADEN</b>	10880 23990	11200 24696		12000 26460	12800 28224	13200 29106	14000 30870		14400 31752	14800 32634	15200 33516	15600 34398
<b>Machine - Use ( kg - lbs)      UNDERGROUND TRANSPORT MACHINE</b>												
<b>ALL AXLES</b>	12150 26791	12500 27563		13200 29106	14500 31973	15000 33075	15500 34178		16000 35280	16500 36383	17000 37485	17500 38588

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XSM DN+ L3S ***</b> <b>26.5 R 29 Tubeless</b>	317097 02315	10 6.2		698 27.5	1830 72	820 32.3	5510 216.9	44 55.4		926 244.6	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>												
<b>FRONT LADEN</b>	16000 35280	17500 38588		18500 40793	19500 42998	20000 44100	20600 45423		21200 46746	21800 48069	22400 49392	23000 50715
<b>REAR UNLADEN</b>	12800 28224	14000 30870		14800 32634	15600 34398	16000 35280	16480 36338		16960 37397	17440 38455	17920 39514	18400 40572

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

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XTS E3T **</b> 29.5 R 29 Tubeless	708648 46731	29 18	348 238	765 30.1	1963 77.3	869 34.2	5884 231.7	43 54.2		1300 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>			
<b>Machine - Use ( kg - lbs) TRANSPORT</b>												
<b>STANDARD</b>	9150 20176	10325 22767	11500 25358	12650 27893	13850 30539	14425 31807	15000 33075	16150 35611	16750 36934			

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XK A L3 **</b> 29.5 R 29 Tubeless	274110 51371	14 8.7		793 31.2	1961 77.2	844 33.2	5819 229.1	38 47.9		1260 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>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>			
<b>Machine - Use ( kg - lbs) LOADERS</b>												
<b>FRONT LADEN</b>	13200 29106	15000 33075	16500 36383	18000 39690	19500 42998	20600 45423	22400 49392	23600 52038				
<b>REAR UNLADEN</b>	10560 23285	12000 26460	13200 29106	14400 31752	15600 34398	16480 36338	17920 39514	18880 41630				

<b>Machine - Use ( kg - lbs) UNDERGROUND TRANSPORT MACHINE</b>												
<b>ALL AXLES</b>	11800 26019	13200 29106	14500 31973	16000 35280	17000 37485	18500 40793	19500 42998	20600 45423				

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XMINE D2 L5 **</b> 29.5 R 29 Tubeless	965209 31580	6 3.7		794 31.3	2005 78.9	896 35.3	6032 237.5	100 126		981 259.2	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>			
<b>Machine - Use ( kg - lbs) LOADERS</b>												
<b>FRONT LADEN</b>	13200 29106	15000 33075	16500 36383	18000 39690	19500 42998	20600 45423	22400 49392	23600 52038				
<b>REAR UNLADEN</b>	10560 23285	12000 26460	13200 29106	14400 31752	15600 34398	16480 36338	17920 39514	18880 41630				

<b>Machine - Use ( kg - lbs) UNDERGROUND TRANSPORT MACHINE</b>												
<b>ALL AXLES</b>	11800 26019	13200 29106	14500 31973	16000 35280	17000 37485	18500 40793	19500 42998	20600 45423				

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XMINE D2 L5R</b> 29.5 R 29 Tubeless <sup>(4)</sup>	274050 29173	6 3.7		796 31.3	2001 78.8	878 34.6	5980 235.4	100 126		990 261.6	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>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) LOADERS</b>												
<b>FRONT LADEN</b>	13100 28886	14700 32414	16300 35942	17900 39470	19500 42998	21550 47518	23600 52038	25200 55566				
<b>REAR UNLADEN</b>	10500 23153	11750 25909	13050 28775	14350 31642	15600 34398	17250 38036	18900 41675	21150 46636				

<b>Machine - Use ( kg - lbs) UNDERGROUND TRANSPORT MACHINE</b>												
<b>ALL AXLES</b>			11800 26019	13200 29106	14500 31973	16000 35280	17000 37485	18500 40793				

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

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./ hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XMINE D2 PRO L5 *** 29.5 R 29 Tubeless</b>	376767 28327	6 3.7		805 31.7	1994 78.5	882 34.7	5975 235.2	100 126		981 259.2	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) LOADERS

<b>FRONT LADEN</b>	13200 29106	15000 33075	16500 36383	18000 39690	19500 42998	20600 45423	22400 49392	23600 52038	27250 60086			
<b>REAR UNLADEN</b>	10560 23285	12000 26460	13200 29106	14400 31752	15600 34398	16480 36338	17920 39514	18880 41630	21800 48069			

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

<b>ALL AXLES</b>	11800 26019	13200 29106	14500 31973	16000 35280	17000 37485	18500 40793	19500 42998	20600 45423	24300 53582			
------------------	----------------	----------------	----------------	----------------	----------------	----------------	----------------	----------------	----------------	--	--	--

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./ hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XSM D2+ L5S ** 29.5 R 29 Tubeless</b>	358035 93004	4 2.5		770 30.3	1994 78.5	893 35.2	6003 236.3	112 141.1		1123 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) LOADERS

<b>FRONT LADEN</b>	13200 29106	15000 33075	16500 36383	18000 39690	19500 42998	20600 45423	22400 49392	23600 52038				
<b>REAR UNLADEN</b>	10560 23285	12000 26460	13200 29106	14400 31752	15600 34398	16480 36338	17920 39514	18880 41630				

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./ hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XSMD2+ PRO L5S *** 29.5 R 29 Tubeless</b>	819333 22462	4 2.5		770 30.3	1993 78.5	883 34.8	5977 235.3	112 141.1		1123 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) LOADERS

<b>FRONT LADEN</b>	13200 29106	15000 33075	16500 36383	18000 39690	19500 42998	20600 45423	22400 49392	23600 52038	27250 60086			
<b>REAR UNLADEN</b>	10560 23285	12000 26460	13200 29106	14400 31752	15600 34398	16480 36338	17920 39514	18880 41630	21800 48069			

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./ hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XLD D2 A L5T * 29.5 R 29 Tubeless</b>	123279 52185	10 6.2		772 30.4	2004 78.9	864 34	5949 234.2	95 119.7		985 260.2	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>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>76</b>	<b>80</b>	<b>87</b>		

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

<b>FRONT LADEN</b>	13100 28886	14700 32414	16300 35942	17900 39470	19500 42998	21550 47518	23600 52038	24450 53912	25200 55566			
<b>REAR UNLADEN</b>	10500 23153	11750 25909	13050 28775	14350 31642	15600 34398	17250 38036	18900 41675	10560 23285	21150 46636			

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

<b>ALL AXLES</b>	7100 15656	8500 18743	9750 21499	10900 24035	12150 26791	13200 29106	14500 31973	15000 33075				
------------------	---------------	---------------	---------------	----------------	----------------	----------------	----------------	----------------	--	--	--	--

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

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XTXL E4 **** 29.5 R 29 Tubeless</b>	512305 68037		220 151	775 30.5	1928 75.9	855 33.7	5783 227.7	63 79.4		1139 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>
<b>Machine - Use (kg - lbs) UNDERGROUND TRANSPORT MACHINE</b>												
<b>ALL AXLES</b>	11800 26019	14500 31973	16000 35280	17000 37485	18500 40793	19500 42998	20600 45423	21800 48069	23000 50715	24300 53582		

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XAD 65-1 SUPER E3T ** 195B 775/65 R 29 Tubeless</b>	510085 74895	28 17.4	272 186	785 30.9	1759 69.3	778 30.6	5272 207.6	45 56.7		1050 277.4	24.00/3.0	24.00/3.5 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>Psi</b>	<b>29</b>	<b>36</b>		<b>44</b>	<b>51</b>	<b>58</b>						
<b>Machine - Use (kg - lbs) ARTICULATED DUMP TRUCKS</b>												
<b>STANDARD</b>	6900 15215	8100 17861	9350 20617	10700 23594	12150 26791							

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XHA2 L3 206A2 775/65 R 29 XHA2 L3 TL * 206A2 Tubeless</b>	992646	16 9.9		780 30.7	1735 68.3	747 29.4	5149 202.7	44 55.4		1008 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>		
<b>Machine - Use (kg - lbs) LOADERS</b>												
<b>FRONT LADEN</b>	11750 25909	13250 29216	15000 33075	15500 34178	16500 36383	17000 37485	17500 38588	18500 40793				
<b>REAR UNLADEN</b>	9400 20727	10600 23373	12000 26460	12400 27342	13200 29106	13600 29988	14000 30870	14800 32634				

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XLD 65 L3 * 800/65 R 29 Tubeless</b>	123059 45325	16 9.9		793 31.2	1818 71.6	790 31.1	5412 213.1	48 60.5		1093 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>	
<b>Machine - Use (kg - lbs) LOADERS</b>												
<b>FRONT LADEN</b>	10100 22271	11800 26019	13500 29768	15200 33516	16900 37265	17500 38588	18600 41013	20300 44762	22000 48510			
<b>REAR UNLADEN</b>	8100 17861	9450 20837	10800 23814	12150 26791	13500 29768	14000 30870	14900 32855	16250 35831	17600 38808			

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XTS E3T ** 33.25 R 29 Tubeless</b>	871916 76725	29 18	429 294	873 34.4	2068 81.4	923 36.3	6218 244.8	51 64.3		1640 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>
<b>Machine - Use (kg - lbs) TRANSPORT</b>												
<b>STANDARD</b>	9500 20948	11000 24255	12500 27563	14000 30870	15500 34178	16300 35942	17000 37485	18500 40793	19250 42446	20000 44100		

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

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XAD 65-1 SUPER E3T ** 203B</b> 875/65 R 29 Tubeless	086953 40269	28 17.4	347 238	883 34.8	1881 74.1	822 32.4	5613 221	51 64.3		1376 363.5	27.00/3.0	27.00/3.5 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>Psi</b>	<b>29</b>	<b>36</b>	<b>44</b>	<b>51</b>	<b>58</b>

Machine - Use ( kg - lbs)

#### ARTICULATED DUMP TRUCKS

<b>STANDARD</b>	9100 20066	10800 23814	12500 27563	14100 31091	15500 34178
-----------------	---------------	----------------	----------------	----------------	----------------

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XHA2 L3 * 214A2</b> 875/65 R 29 Tubeless	936624 32190	16 9.9		882 34.7	1870 73.6	797 31.4	5528 217.6	49 61.7		1354 357.7	27.00/3.0	27.00/3.5 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>4.25</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)

#### LOADERS

<b>FRONT LADEN</b>	9000 19845	11250 24806	13500 29768	15750 34729	18000 39690	18968 41824	20084 44285	21200 46746
<b>REAR UNLADEN</b>	7200 15876	9000 19845	10800 23814	12600 27783	14400 31752	15175 33461	16067 35428	16960 37397

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XTRA FLEXLIFE E3** L3* G3*</b> 203B/214A2 875/65 R 29 Tubeless	613531 35701	Loader 16 - 9.90 ADT 28 - 17.4	347 238	866 34.1	1875 73.8	797 31.4	5528 217.6	47 59.2	rien	1400 369.9	27.00/3.0	27.00/3.5 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>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)

#### LOADERS

<b>FRONT LADEN</b>	11000 24255	13000 28665	15200 33516	17200 37926	19100 42116	21200 46746	23200 51156	25000 55125
<b>REAR UNLADEN</b>	8800 19404	10400 22932	12200 26901	13800 30429	15200 33516	17000 37485	18500 40793	20000 44100

Machine - Use ( kg - lbs)

#### ARTICULATED DUMPERS

<b>STANDARD</b>	9100 20066	10800 23814	12500 27563	14100 31091	15500 34178	17300 38147	19000 41895
-----------------	---------------	----------------	----------------	----------------	----------------	----------------	----------------

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XTRA DEFEND 203B</b> 875/65 R 29 Tubeless	992223 76545	22 13.7	273 187	872 34.3	1884 74.2	823 32.4	5620 221.3	59.5 75		1330 351.4	27.00/3.0	27.00/3.5 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>Psi</b>	<b>29</b>	<b>36</b>	<b>44</b>	<b>51</b>	<b>58</b>	<b>65</b>

Machine - Use ( kg - lbs)

#### ARTICULATED DUMP TRUCKS

<b>STANDARD</b>	9000 19845	10600 23373	12250 27011	13800 30429	15500 34178	17100 37706
-----------------	---------------	----------------	----------------	----------------	----------------	----------------

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>X-SUPER TERRAIN+ E4 ** 206B</b> 800/80 R 29 Tubeless	952451 04779	26 16.2	353 242	805 31.7	2002 78.8	888 35	6005 236.4	67 84.4		1315 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)

#### ARTICULATED DUMP TRUCKS

<b>STANDARD</b>	12500 27563	13200 29106	14000 30870	14700 32414	15500 34178	16300 35942	17000 37485	17800 39249	18500 40793	19000 41895
-----------------	----------------	----------------	----------------	----------------	----------------	----------------	----------------	----------------	----------------	----------------

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

#### 33"

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved Rims <sup>(2) (3)</sup>
<b>XDT B E4T **</b> 18.00 R 33 Tubeless	123733 57305	30 18.6	262 179	494 19.4	1868 73.5	885 34.8	5745 226.2	54 68	624 24.6	605 159.8	13.00/2.5	
<b>Bar</b>	4	4.5	5	5.5	6	6.5	7	7.5	8			
<b>Psi</b>	58	65	73	80	87	94	102	109	116			
<b>Machine - Use ( kg - lbs) TRANSPORT</b>												
<b>STANDARD</b>	7950 17530	8700 19184	9400 20727	10150 22381	10900 24035	11270 24850	11650 25688	12000 26460				

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved Rims <sup>(2) (3)</sup>
<b>XDT A4 E4T **</b> 18.00 R 33 Tubeless	123723 46374	18 11.2	157 108	494 19.4	1868 73.5	885 34.8	5745 226.2	54 68	624 24.6	605 159.8	13.00/2.5	
<b>Bar</b>	4	4.5	5	5.5	6	6.5	7	7.5	8			
<b>Psi</b>	58	65	73	80	87	94	102	109	116			
<b>Machine - Use ( kg - lbs) TRANSPORT</b>												
<b>STANDARD</b>	7950 17530	8700 19184	9400 20727	10150 22381	10900 24035	11270 24850	11650 25688	12000 26460				

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved Rims <sup>(2) (3)</sup>
<b>X-HAUL E4P **</b> 18.00 R 33 Tubeless	205207 58887	30 18.6	262 179	495 19.5	1860 73.2	856 33.7	5657 222.7	49 61.7	624 24.6	605 159.8	13.00/2.5	
<b>Bar</b>	4	4.5	5	5.5	6	6.5	7	7.5	8			
<b>Psi</b>	58	65	73	80	87	94	102	109	116			
<b>Machine - Use ( kg - lbs) TRANSPORT</b>												
<b>STANDARD</b>	7950 17530	8700 19184	9400 20727	10150 22381	10900 24035	11270 24850	11650 25688	12000 26460				

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved Rims <sup>(2) (3)</sup>
<b>X-QUARRY S E4R **</b> 18.00 R 33 Tubeless	873291 15155	19 11.8	166 114	511 20.1	1864 73.4	867 34.1	5693 224.1	62 78.1	624 24.6	600 158.5	13.00/2.5	
<b>Bar</b>	4	4.5	5	5.5	6	6.5	7	7.5	8			
<b>Psi</b>	58	65	73	80	87	94	102	109	116			
<b>Machine - Use ( kg - lbs) TRANSPORT</b>												
<b>STANDARD</b>	7950 17530	8700 19184	9400 20727	10150 22381	10900 24035	11270 24850	11650 25688	12000 26460				

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved Rims <sup>(2) (3)</sup>
<b>XTRA LOAD GRIP B</b> 18.00 R 33 Tubeless	553513 12079	34 21.1 if load per tyre <=10.9 t	301 206	497 19.6	1872 73.7			60 75.6	598 23.5	603 159.3	13.00/2.5	
<b>Bar</b>	4	4.5	5	5.5	6	6.5	7	7.5	8			
<b>Psi</b>	58	65	73	80	87	94	102	109	116			
<b>Machine - Use ( kg - lbs) TRANSPORT LOAD PER TYRE &lt;= 10.9 T</b>												
<b>STANDARD</b>	7950 17530	8700 19184	9400 20727	10150 22381	10900 24035							
<b>Machine - Use ( kg - lbs) TRANSPORT LOAD PER TYRE &gt; 10.9 T</b>												
<b>STANDARD</b>						11700 25799	12150 26791	12650 27893	13100 28886			

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

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved Rims <sup>(2) (3)</sup>
<b>XTRA LOAD GRIP A4 18.00 R 33 Tubeless</b>	515155 09496	22 13.7 if load per tyre ≤10.9 t	194 133	497 19.6	1872 73.7			60 75.6	598 23.5	603 159.3	13.00/2.5	
		20 12.4 if load per tyre >10.9 t										

<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 TYRE ≤ 10.9 T</b>											
---------------------------	---	--	--	--	--	--	--	--	--	--	--	--

<b>STANDARD</b>	7950 17530	8700 19184	9400 20727	10150 22381	10900 24035							
-----------------	---------------	---------------	---------------	----------------	----------------	--	--	--	--	--	--	--

Machine - Use ( kg - lbs)	<b>TRANSPORT LOAD PER TYRE &gt; 10.9 T</b>											
---------------------------	--	--	--	--	--	--	--	--	--	--	--	--

<b>STANDARD</b>						11700 25799	12150 26791	12650 27893	13100 28886			
-----------------	--	--	--	--	--	----------------	----------------	----------------	----------------	--	--	--

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved Rims <sup>(2) (3)</sup>
<b>XTRA LOAD PROTECT B 18.00 R 33 Tubeless</b>	769976 21909	34 21.1 if load per tyre ≤10.9 t	301 206	498 19.6	1888 74.3	857 33.7	5713 224.9	63 79.4	598 23.5	603 159.3	13.00/2.5	
		31 19.3 if load per tyre >10.9 t										

<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 TYRE ≤ 10.9 T</b>											
---------------------------	---	--	--	--	--	--	--	--	--	--	--	--

<b>STANDARD</b>	7950 17530	8700 19184	9400 20727	10150 22381	10900 24035							
-----------------	---------------	---------------	---------------	----------------	----------------	--	--	--	--	--	--	--

Machine - Use ( kg - lbs)	<b>TRANSPORT LOAD PER TYRE &gt; 10.9 T</b>											
---------------------------	--	--	--	--	--	--	--	--	--	--	--	--

<b>STANDARD</b>						11700 25799	12150 26791	12650 27893	13100 28886			
-----------------	--	--	--	--	--	----------------	----------------	----------------	----------------	--	--	--

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved Rims <sup>(2) (3)</sup>
<b>XTRA LOAD PROTECT A4 18.00 R 33 Tubeless</b>	646057 89058	22 13.7 if load per tyre ≤10.9 t	194 133	498 19.6	1888 74.3	857 33.7	5713 224.9	63 79.4	598 23.5	603 159.3	13.00/2.5	
		20 12.4 if load per tyre >10.9 t										

<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 TYRE ≤ 10.9 T</b>											
---------------------------	---	--	--	--	--	--	--	--	--	--	--	--

<b>STANDARD</b>	7950 17530	8700 19184	9400 20727	10150 22381	10900 24035							
-----------------	---------------	---------------	---------------	----------------	----------------	--	--	--	--	--	--	--

Machine - Use ( kg - lbs)	<b>TRANSPORT LOAD PER TYRE &gt; 10.9 T</b>											
---------------------------	--	--	--	--	--	--	--	--	--	--	--	--

<b>STANDARD</b>						11700 25799	12150 26791	12650 27893	13100 28886			
-----------------	--	--	--	--	--	----------------	----------------	----------------	----------------	--	--	--

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

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved Rims <sup>(2) (3)</sup>
<b>X-TRACTION E4T **</b> <b>18.00 R 33 Tubeless</b>	397431 94105	25 15.5	218 149	493 19.4	1868 73.5	848 33.4	5652 222.5	62 78.1	624 24.6	661 174.6	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>	
<b>Machine - Use ( kg - lbs) TRANSPORT</b>												
<b>STANDARD</b>	7950 17530	8700 19184	9400 20727	10150 22381	10900 24035	11270 24850	11650 25688	12000 26460				

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved Rims <sup>(2) (3)</sup>
<b>XV C E2 **</b> <b>18.00 R 33 Tubeless <sup>(9)</sup></b>	271325 45385	50 31.1	436 299	496 19.5	1820 71.7	822 32.4	5486 216	26 32.8	624 24.6	640 169.1	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>	
<b>Machine - Use ( kg - lbs) TRANSPORT</b>												
<b>STANDARD</b>	7950 17530	8700 19184	9400 20727	10150 22381	10900 24035	11270 24850	11650 25688	12000 26460				

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved Rims <sup>(2) (3)</sup>
<b>X-TRACTION E4T **</b> <b>21.00 R 33 Tubeless</b>	067981 17274	25 15.5	280 192	572 22.5	2007 79	907 35.7	6064 238.7	71 89.4	697 27.4	851 224.8	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>			
<b>Machine - Use ( kg - lbs) TRANSPORT</b>												
<b>STANDARD</b>	9315 20540	10250 22601	11185 24663	12125 26736	13065 28808	14000 30870	14470 31906					

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved Rims <sup>(2) (3)</sup>
<b>X-TRACTION E4T **</b> <b>21.00 R 33 Tubeless</b>	294197	18 11.2	202 138	572 22.5	2007 79	907 35.7	6064 238.7	71 89.4	697 27.4	851 224.8	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>			
<b>Machine - Use ( kg - lbs) TRANSPORT</b>												
<b>STANDARD</b>	9315 20540	10250 22601	11185 24663	12125 26736	13065 28808	14000 30870	14470 31906					

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved Rims <sup>(2) (3)</sup>
<b>X-HAUL S E4P **</b> <b>21.00 R 33 Tubeless</b>	612785 08931	25 15.5 if load per tyre <=0.3 t  25 15.5 if load per tyre >0.3 t	280 192	550 21.7	1966 77.4	895 35.2	5955 234.4	53 66.8	697 27.4	820 216.6	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>			
<b>Machine - Use ( kg - lbs) TRANSPORT</b>												
<b>STANDARD</b>	9315 20540	10250 22601	11185 24663	12125 26736	13065 28808	14000 30870	14470 31906					

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

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./ hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XLD D2 L5 **</b> <b>35/65 R 33 Tubeless</b>	592188 29247	10 6.2		926 36.5	2060 81.1	902 35.5	6150 242.1	97 122.2		1457 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)	<b>LOADER</b>											
FRONT LADEN				16100 35501	17700 39029	19000 41895	21200 46746	23000 50715	24300 53582	25750 56779	28000 61740	
REAR UNLADEN				12900 28445	14200 31311	15200 33516	16950 37375	18400 40572	19450 42887	20600 45423	22400 49392	

Machine - Use ( kg - lbs)	<b>UNDERGROUND TRANSPORT MACHINE</b>											
ALL AXLES				13600 29988	15500 34178	17000 37485	18500 40793	20000 44100	21800 48069	23000 50715	24300 53582	

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./ hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XMINE D2 L5 **</b> <b>35/65 R 33 Tubeless</b>	944666 67187	6 3.7		921 36.3	2051 80.7	916 36.1	6169 242.9	93 117.2		1338 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)	<b>LOADER</b>											
FRONT LADEN				16100 35501	17700 39029	19000 41895	21200 46746	23000 50715	24300 53582	25750 56779	28000 61740	
REAR UNLADEN				12900 28445	14200 31311	15200 33516	16950 37375	18400 40572	19450 42887	20600 45423	22400 49392	

Machine - Use ( kg - lbs)	<b>UNDERGROUND TRANSPORT MACHINE</b>											
ALL AXLES				13600 29988	15500 34178	17000 37485	18500 40793	20000 44100	21800 48069	23000 50715	24300 53582	

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./ hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XLD D1 A L4R **</b> <b>35/65 R 33 Tubeless</b>	143231 33617	14 8.7		923 36.3	2056 80.9	899 35.4	6135 241.5	60 75.6		1550 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)	<b>LOADER</b>											
FRONT LADEN				16100 35501	17700 39029	19000 41895	21200 46746	23000 50715	24300 53582	25750 56779	28000 61740	
REAR UNLADEN				12900 28445	14200 31311	15200 33516	16950 37375	18400 40572	19450 42887	20600 45423	22400 49392	

Machine - Use ( kg - lbs)	<b>UNDERGROUND TRANSPORT MACHINE</b>											
ALL AXLES				13600 29988	15500 34178	17000 37485	18500 40793	20000 44100	21800 48069	23000 50715	24300 53582	

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./ hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XSM D2+ L5S **</b> <b>35/65 R 33 Tubeless</b>	980846 39998	4 2.5		921 36.3	2050 80.7	916 36.1	6166 242.8	97 122.2		1350 356.7	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)	<b>LOADER</b>											
FRONT LADEN				16100 35501	17700 39029	19000 41895	21200 46746	23000 50715	24300 53582	25750 56779	28000 61740	
REAR UNLADEN				12900 28445	14200 31311	15200 33516	16950 37375	18400 40572	19450 42887	20600 45423	22400 49392	

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

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XSM DN+ L3S *** 35/65 R 33 Tubeless <sup>(9)</sup></b>	432610	10 6.2		920 36.2	2022 79.6	897 35.3	6066 238.8	49 61.7		1547 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>												
<b>FRONT LADEN</b>	16100 35501	19000 41895		21200 46746	23000 50715	24300 53582	25750 56779	28000 61740		30000 66150	3150 6946	32500 71663
<b>REAR UNLADEN</b>	12900 28445	15200 33516		16950 37375	18400 40572	19450 42887	20600 45423	22400 49392		24000 52920	25200 55566	26000 57330

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XSM DN L3S 35/65 R 33 Tubeless</b>	123052 92439	10 6.2		918 36.1	2012 79.2	899 35.4	6052 238.3	44 55.4		1550 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>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)      LOADERS</b>												
<b>FRONT LADEN</b>	13750 30319	14850 32744		16100 35501	17700 39029	19000 41895	21200 46746	23000 50715		24150 53251	25300 55787	
<b>REAR UNLADEN</b>	10990 24233	11870 26173		12870 28378	14170 31245	15200 33516	16950 37375	18400 40572		19300 42557	20250 44651	
<b>Machine - Use ( kg - lbs)      UNDERGROUND TRANSPORT MACHINE</b>												
<b>ALL AXLES</b>				13600 29988	15500 34178	17000 37485	18500 40793	20000 44100		21800 48069	23000 50715	

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XTXL E4 **** L4 *** 229A2 35/65 R 33 Tubeless</b>	845075 46729	14 8.7 if load per tyre <= 28 t  10 6.2 if load per tyre > 28 t	250 171	907 35.7	2026 79.8	887 34.9	6048 238.1	60 75.6		1474 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>	
<b>Machine - Use ( kg - lbs)      LOADER LOAD PER TYRE &lt;= 28 T</b>												
<b>FRONT LADEN</b>	16100 35501	19000 41895		21200 46746	23000 50715	24300 53582	25750 56779	28000 61740				
<b>REAR UNLADEN</b>	12900 28445	15200 33516		16950 37375	18400 40572	19450 42887	20600 45423	22400 49392				
<b>Machine - Use ( kg - lbs)      LOADER LOAD PER TYRE &gt; 28 T</b>												
<b>FRONT LADEN</b>										30000 66150	31500 69458	32500 71663
<b>REAR UNLADEN</b>										24000 52920	25200 55566	26000 57330
<b>Machine - Use ( kg - lbs)      UNDERGROUND TRANSPORT MACHINE</b>												
<b>ALL AXLES</b>					20000 44100	21200 46746	23000 50715	24300 53582	25750 56779		27250 60086	29000 63945

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XTXL E4 **** 35/65 R 33 Tubeless</b>	970355 34351		250 171	907 35.7	2026 79.8	893 35.2	6063 238.7	60 75.6		1546 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>	
<b>Machine - Use ( kg - lbs)      UNDERGROUND TRANSPORT MACHINE</b>												
<b>ALL AXLES</b>					20000 44100	21200 46746	23000 50715	24300 53582	25750 56779		27250 60086	29000 63945

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

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XTXL S E4 ****</b> <b>35/65 R 33 Tubeless <sup>(9)</sup></b>	771025 91242		320 219	907 35.7	2026 79.8	893 35.2	6063 238.7	60 75.6		1546 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>
<b>Machine - Use ( kg - lbs) UNDERGROUND TRANSPORT MACHINE</b>												
<b>ALL AXLES</b>					20000 44100	21200 46746	23000 50715	24300 53582	25750 56779	27250 60086	29000 63945	

### 35"

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDT B E4T **</b> <b>21.00 R 35 Tubeless</b>	123881 40692	30 18.6	348 238	576 22.7	2062 81.2	937 36.9	6242 245.7	61 76.9		900 237.8	15.00/3.0	17.00/3.0
<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>				
<b>Machine - Use ( kg - lbs) TRANSPORT</b>												
<b>STANDARD</b>	11450 25247	12450 27452	13500 29768		14500 31973	15000 33075	15500 34178					

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDT A4 E4T **</b> <b>21.00 R 35 Tubeless</b>	123921 94773	18 11.2	209 143	576 22.7	2062 81.2	937 36.9	6242 245.7	61 76.9		900 237.8	15.00/3.0	17.00/3.0
<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>				
<b>Machine - Use ( kg - lbs) TRANSPORT</b>												
<b>STANDARD</b>	11450 25247	12450 27452	13500 29768		14500 31973	15000 33075	15500 34178					

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>X-QUARRY S E4R **</b> <b>21.00 R 35 Tubeless</b>	765959 79316	19 11.8	220 151	599 23.6	2068 81.4	934 36.8	6245 245.9	67 84.4	703 27.7	952 251.5	15.00/3.0	17.00/3.0
<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>				
<b>Machine - Use ( kg - lbs) TRANSPORT</b>												
<b>STANDARD</b>	11450 25247	12450 27452	13500 29768		14500 31973	15000 33075	15500 34178					

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDT B E4T **</b> <b>24.00 R 35 Tubeless</b>	123931 88632	30 18.6	444 304	652 25.7	2162 85.1	978 38.5	6533 257.2	68 85.7	825 32.5	1150 303.8	17.00/3.5	15.00/3.5
<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>7.5</b>	<b>8</b>		
<b>Psi</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>	13950 30760	15050 33185	16300 35942		17350 38257	18500 40793	19050 42005	19625 43273	20200 44541			

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDT A E4T **</b> <b>24.00 R 35 Tubeless</b>	123941 51059	22 13.7	326 223	652 25.7	2162 85.1	978 38.5	6533 257.2	68 85.7	825 32.5	1150 303.8	17.00/3.5	15.00/3.5
<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>7.5</b>	<b>8</b>		
<b>Psi</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>	13950 30760	15050 33185	16300 35942		17350 38257	18500 40793	19050 42005	19625 43273	20200 44541			

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

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved Rims <sup>(2) (3)</sup>
<b>XDT A4 E4T **</b> <b>24.00 R 35 Tubeless</b>	<b>123951</b> 65909	<b>18</b> 11.2	<b>266</b> 182	<b>652</b> 25.7	<b>2162</b> 85.1	<b>978</b> 38.5	<b>6533</b> 257.2	<b>68</b> 85.7	<b>825</b> 32.5	<b>1150</b> 303.8	<b>17.00/3.5</b>	<b>15.00/3.5</b>

<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>7.5</b>	<b>8</b>				
<b>Psi</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>											
--------------------------	------------------	--	--	--	--	--	--	--	--	--	--	--

<b>STANDARD</b>	<b>13950</b> 30760	<b>15050</b> 33185	<b>16300</b> 35942	<b>17350</b> 38257	<b>18500</b> 40793	<b>19050</b> 42005	<b>19625</b> 43273	<b>20200</b> 44541				
-----------------	-----------------------	-----------------------	-----------------------	-----------------------	-----------------------	-----------------------	-----------------------	-----------------------	--	--	--	--

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved Rims <sup>(2) (3)</sup>
<b>X-HAUL E4P **</b> <b>24.00 R 35 Tubeless</b>	<b>087693</b> 89581	<b>24</b> 14.9	<b>355</b> 243	<b>645</b> 25.4	<b>2155</b> 84.8	<b>995</b> 39.2	<b>6562</b> 258.3	<b>60</b> 75.6	<b>825</b> 32.5	<b>1150</b> 303.8	<b>17.00/3.5</b>	<b>15.00/3.5</b>

<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>7.5</b>	<b>8</b>				
<b>Psi</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>											
--------------------------	------------------	--	--	--	--	--	--	--	--	--	--	--

<b>STANDARD</b>	<b>13950</b> 30760	<b>15050</b> 33185	<b>16300</b> 35942	<b>17350</b> 38257	<b>18500</b> 40793	<b>19050</b> 42005	<b>19625</b> 43273	<b>20200</b> 44541				
-----------------	-----------------------	-----------------------	-----------------------	-----------------------	-----------------------	-----------------------	-----------------------	-----------------------	--	--	--	--

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved Rims <sup>(2) (3)</sup>
<b>X-QUARRY S E4R **</b> <b>24.00 R 35 Tubeless</b>	<b>412539</b> 93536	<b>19</b> 11.8	<b>281</b> 192	<b>659</b> 25.9	<b>2156</b> 84.9	<b>976</b> 38.4	<b>6517</b> 256.6	<b>70</b> 88.2		<b>1157</b> 305.7	<b>17.00/3.5</b>	<b>15.00/3.5</b>

<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>7.5</b>	<b>8</b>				
<b>Psi</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>											
--------------------------	------------------	--	--	--	--	--	--	--	--	--	--	--

<b>STANDARD</b>	<b>13950</b> 30760	<b>15050</b> 33185	<b>16300</b> 35942	<b>17350</b> 38257	<b>18500</b> 40793	<b>19050</b> 42005	<b>19625</b> 43273	<b>20200</b> 44541				
-----------------	-----------------------	-----------------------	-----------------------	-----------------------	-----------------------	-----------------------	-----------------------	-----------------------	--	--	--	--

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved Rims <sup>(2) (3)</sup>
<b>XTRA LOAD GRIP B</b> <b>24.00 R 35 Tubeless ***</b>	<b>302244</b> 86007	<b>34</b> 21.1 if load per tyre <=18.5 t	<b>503</b> 345	<b>666</b> 26.2	<b>2163</b> 85.2	<b>976</b> 38.4	<b>6531</b> 257.1	<b>73</b> 92	<b>795</b> 31.3	<b>1169</b> 308.8	<b>17.00/3.5</b>	<b>15.00/3.5</b>

<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>7.25</b>	<b>7.5</b>	<b>7.75</b>	<b>8</b>		
<b>Psi</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>112</b>	<b>116</b>		

Machine - Use (kg - lbs)	<b>TRANSPORT LOAD PER TYRE &lt;= 18.5 T</b>											
--------------------------	---	--	--	--	--	--	--	--	--	--	--	--

<b>STANDARD</b>	<b>13950</b> 30760	<b>15050</b> 33185	<b>16300</b> 35942	<b>17350</b> 38257	<b>18500</b> 40793							
-----------------	-----------------------	-----------------------	-----------------------	-----------------------	-----------------------	--	--	--	--	--	--	--

Machine - Use (kg - lbs)	<b>TRANSPORT LOAD PER TYRE &gt; 18.5 T</b>											
--------------------------	--	--	--	--	--	--	--	--	--	--	--	--

<b>STANDARD</b>						<b>19500</b> 42998	<b>20000</b> 44100	<b>20500</b> 45203	<b>21000</b> 46305	<b>21500</b> 47408		
-----------------	--	--	--	--	--	-----------------------	-----------------------	-----------------------	-----------------------	-----------------------	--	--

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

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XTRA LOAD GRIP A4 24.00 R 35 Tubeless ***</b>	559900 77075	22 13.7 if load per tyre ≤18.5 t	320 219	666 26.2	2163 85.2	976 38.4	6531 257.1	73 92	795 31.3	1169 308.8	17.00/3.5	15.00/3.5
		20 12.4 if load per tyre >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 TYRE ≤ 18.5 T**

STANDARD	13950 30760	15050 33185	16300 35942	17350 38257	18500 40793
----------	----------------	----------------	----------------	----------------	----------------

Machine - Use ( kg - lbs) **TRANSPORT LOAD PER TYRE > 18.5 T**

STANDARD					19500 42998	20000 44100	20500 45203	21000 46305	21500 47408
----------	--	--	--	--	----------------	----------------	----------------	----------------	----------------

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XTRA LOAD PROTECT B 24.00 R 35 Tubeless ***</b>	488798 67386	34 21.1 if load per tyre ≤18.5 t	503 345	670 26.4	2162 85.1	978 38.5	6533 257.2	70 88.2	795 31.3	1169 308.8	17.00/3.5	15.00/3.5
		31 19.3 if load per tyre >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 TYRE ≤ 18.5 T**

STANDARD	13950 30760	15050 33185	16300 35942	17350 38257	18500 40793
----------	----------------	----------------	----------------	----------------	----------------

Machine - Use ( kg - lbs) **TRANSPORT LOAD PER TYRE > 18.5 T**

STANDARD					19500 42998	20000 44100	20500 45203	21000 46305	21500 47408
----------	--	--	--	--	----------------	----------------	----------------	----------------	----------------

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XTRA LOAD PROTECT A4 24.00 R 35 Tubeless ***</b>	388190 05723	22 13.7 if load per tyre ≤18.5 t	320 219	670 26.4	2162 85.1	978 38.5	6533 257.2	70 88.2	795 31.3	1169 308.8	17.00/3.5	15.00/3.5
		20 12.4 if load per tyre >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 TYRE ≤ 18.5 T**

STANDARD	13950 30760	15050 33185	16300 35942	17350 38257	18500 40793
----------	----------------	----------------	----------------	----------------	----------------

Machine - Use ( kg - lbs) **TRANSPORT LOAD PER TYRE > 18.5 T**

STANDARD					19500 42998	20000 44100	20500 45203	21000 46305	21500 47408
----------	--	--	--	--	----------------	----------------	----------------	----------------	----------------

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>X-TRACTION SC E4T ** 24.00 R 35 Tubeless</b>	622698 29754	22 13.7	326 223	676 26.6	2187 86.1	982 38.7	6592 259.5	77 97	825 32.5	1223 323.1	17.00/3.5	15.00/3.5

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 30760	15050 33185	16300 35942	17350 38257	18500 40793	19050 42005
----------	--	--	----------------	----------------	----------------	----------------	----------------	----------------

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

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved Rims <sup>(2) (3)</sup>
<b>XV C E2 **</b> 24.00 R 35 Tubeless <sup>(9)</sup>	271650 10223	50 31.1	740 507	668 26.3	2118 83.4	947 37.3	6372 250.9	30 37.8	825 32.5	1264 333.9	17.00/3.5	15.00/3.5

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

Machine - Use ( kg - lbs)	TRANSPORT							
STANDARD	13950	15050	16300	17350	18500	19050	19625	20200
	30760	33185	35942	38257	40793	42005	43273	44541

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved Rims <sup>(2) (3)</sup>
<b>XTS E3T **</b> 29.5 R 35 Tubeless	631225 64173	29 18	371 254	777 30.6	2116 83.3	943 37.1	6539 257.4	45 56.7		1494 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

Machine - Use ( kg - lbs)	TRANSPORT						
STANDARD	13200	13900	14600	15300	16000	17400	18100
	29106	30650	32193	33737	35280	38367	39911

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved Rims <sup>(2) (3)</sup>
<b>XRS B E4R **</b> 37.25 R 35 Tubeless	123673 75762	22 13.7	415 284	947 37.3	2364 93.1	1063 41.9	7127 280.6	53 66.8		2250 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

Machine - Use ( kg - lbs)	TRANSPORT							
STANDARD	17950	18500	19350	20200	21900	23600	24450	25300
	39580	40793	42667	44541	48290	52038	53912	55787

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved Rims <sup>(2) (3)</sup>
<b>XTS E3T **</b> 37.25 R 35 Tubeless	540244 54190	29 18	540 370	956 37.6	2370 93.3	1070 42.1	7157 281.8	59 74.3		2400 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

Machine - Use ( kg - lbs)	TRANSPORT							
STANDARD	17950	18500	19350	20200	21900	23600	24450	25300
	39580	40793	42667	44541	48290	52038	53912	55787

### 39"

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved Rims <sup>(2) (3)</sup>
<b>XRS E4R **</b> 37.5 R 39 Tubeless	856011 45909	22 13.7	453 310	976 38.4	2517 99.1	1129 44.4	7583 298.5	56 70.6		2624 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

Machine - Use (kg - lbs)	TRANSPORT							
STANDARD	18100	20000	21900	22900	23850	25750	26700	27650
	39911	44100	48290	50495	52589	56779	58874	60968

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

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XMS B E3R **</b> 40.5/75 R 39 Tubeless	379296 93211	33 20.5	766 525	998 39.3	2588 101.9	1151 45.3	7770 305.9	51 64.3		2940 776.7	32.00/4.5	
<b>Bar</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>44</b>	<b>51</b>	<b>58</b>	<b>62</b>	<b>65</b>	<b>73</b>	<b>80</b>	<b>87</b>				
<b>Machine - Use ( kg - lbs) TRANSPORT</b>												
<b>STANDARD</b>	20200 44541	22400 49392	24600 54243	25700 56669	26800 59094	29000 63945	30100 66371	31200 68796				

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XLD D2 L5 ** 242A2</b> 45/65 R 39 Tubeless	519947 48376	10 6.2		1102 43.4	2580 101.6	1116 43.9	7668 301.9	115 144.9		2760 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>				
<b>Machine - Use ( kg - lbs) LOADER</b>												
<b>FRONT LADEN</b>	26500 58433	30000 66150	33500 73868	36500 80483	40000 88200	42500 93713	45000 99225	47500 104738				
<b>REAR UNLADEN</b>	21200 46746	24000 52920	26800 59094	29200 64386	32000 70560	34000 74970	36000 79380	38000 83790				

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XMINE D2 L5 ** 242A2</b> 45/65 R 39 Tubeless	785703 01004	6 3.7		1099 43.3	2583 101.7	1132 44.6	7715 303.7	116 146.1		2712 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>				
<b>Machine - Use ( kg - lbs) LOADER</b>												
<b>FRONT LADEN</b>	26500 58433	30000 66150	33500 73868	36500 80483	40000 88200	42500 93713	45000 99225	47500 104738				
<b>REAR UNLADEN</b>	21200 46746	24000 52920	26800 59094	29200 64386	32000 70560	34000 74970	36000 79380	38000 83790				

## 45"

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XMINE D2 L5 ** 244A2</b> 45/65 R 45 Tubeless	651716 00821	6 3.7		1159 45.6	2699 106.3	1193 47	8087 318.4	116 146.1		3020 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>						
<b>Machine - Use ( kg - lbs) LOADER</b>												
<b>FRONT LADEN</b>	35500 78278	38750 85444	42500 93713	45000 99225	47500 104738	51500 113558						
<b>REAR UNLADEN</b>	28400 62622	31000 68355	34000 74970	36000 79380	38000 83790	41200 90846						

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XLD D1 L4 ** 244A2</b> 45/65 R 45 Tubeless	733149 78673	14 8.7		1130 44.5	2703 106.4	1180 46.5	8062 317.4	71 89.4		3330 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>						
<b>Machine - Use ( kg - lbs) LOADER</b>												
<b>FRONT LADEN</b>	35500 78278	38750 85444	42500 93713	45000 99225	47500 104738	51500 113558						
<b>REAR UNLADEN</b>	28400 62622	31000 68355	34000 74970	36000 79380	38000 83790	41200 90846						

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

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XLD D2 L5 ** 244A2</b> <b>45/65 R 45 Tubeless</b>	871341 79265	10 6.2		1147 45.2	2703 106.4	1180 46.5	8062 317.4	115 144.9		3020 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>											
<b>FRONT LADEN</b>	35500 78278	38750 85444	42500 93713	45000 99225	47500 104738	51500 113558						
<b>REAR UNLADEN</b>	28400 62622	31000 68355	34000 74970	36000 79380	38000 83790	41200 90846						

### 49"

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR B E4R **</b> <b>24.00 R 49 Tubeless</b>	123235 95269	26 16.2	453 310	662 26.1	2529 99.6	1147 45.2	7651 301.2	67 84.4	806 31.7	1466 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>		

Machine - Use (kg - lbs)	<b>TRANSPORT</b>											
<b>STANDARD</b>	13900 30650	15250 33626	16550 36493	17850 39359	19200 42336	20500 45203	21800 48069	22450 49502	23100 50936	23350 51487		

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR B4 E4R **</b> <b>24.00 R 49 Tubeless</b>	123115 64221	22 13.7	384 263	662 26.1	2529 99.6	1147 45.2	7651 301.2	67 84.4	806 31.7	1466 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>		

Machine - Use (kg - lbs)	<b>TRANSPORT</b>											
<b>STANDARD</b>	13900 30650	15250 33626	16550 36493	17850 39359	19200 42336	20500 45203	21800 48069	22450 49502	23100 50936	23350 51487		

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDT B E4T **</b> <b>27.00 R 49 Tubeless <sup>(9)</sup></b>	123783 63786	30 18.6	654 448	745 29.3	2696 106.1	1207 47.5	8115 319.5	74 93.2	892 35.1	2019 533.4	19.50/4.0 [3.2]	19.50/4.0 [2.7] 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>											
<b>STANDARD</b>	16850 37154	18550 40903	20300 44762	22050 48620	24000 52920	25500 56228	27250 60086	28100 61961	29000 63945	29850 65819		

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR B E4R **</b> <b>27.00 R 49 Tubeless</b>	123330	26 16.2	567 388	740 29.1	2712 106.8	1224 48.2	8188 322.4	76 95.7	892 35.1	2033 537.1	19.50/4.0 [3.2]	19.50/4.0 [2.7] 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>											
<b>STANDARD</b>	16850 37154	18550 40903	20300 44762	22050 48620	24000 52920	25500 56228	27250 60086	28100 61961	29000 63945	29850 65819		

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

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR B4 E4R **</b> 27.00 R 49 Tubeless <sup>(8)</sup>	123210 57879	22 13.7	480 329	740 29.1	2712 106.8	1224 48.2	8188 322.4	76 95.7	892 35.1	2033 537.1	19.50/4.0 [3.2]	19.50/4.0 [2.7] 22.00/4.0
<b>Bar</b>	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8		
<b>Psi</b>	51	58	65	73	80	87	94	102	109	116		
<b>Machine - Use ( kg - lbs) TRANSPORT</b>												
<b>STANDARD</b>	16850 37154	18550 40903	20300 44762	22050 48620	24000 52920	25500 56228	27250 60086	28100 61961	29000 63945	29850 65819		

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR A E4R **</b> 27.00 R 49 Tubeless <sup>(8)</sup>	123170	18 11.2	392 269	740 29.1	2712 106.8	1224 48.2	8188 322.4	76 95.7	892 35.1	2033 537.1	19.50/4.0 [3.2]	19.50/4.0 [2.7] 22.00/4.0
<b>Bar</b>	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8		
<b>Psi</b>	51	58	65	73	80	87	94	102	109	116		
<b>Machine - Use ( kg - lbs) TRANSPORT</b>												
<b>STANDARD</b>	16850 37154	18550 40903	20300 44762	22050 48620	24000 52920	25500 56228	27250 60086	28100 61961	29000 63945	29850 65819		

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR2 B E4R **</b> 27.00 R 49 Tubeless	162292 18627	26 16.2	567 388	738 29.1	2733 107.6	1235 48.6	8257 325.1	90 113.4	892 35.1	1995 527.1	19.50/4.0 [3.2]	19.50/4.0 [2.7]
<b>Bar</b>	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8		
<b>Psi</b>	51	58	65	73	80	87	94	102	109	116		
<b>Machine - Use ( kg - lbs) TRANSPORT</b>												
<b>STANDARD</b>	16850 37154	18550 40903	20300 44762	22050 48620	24000 52920	25500 56228	27250 60086	28100 61961	29000 63945	29850 65819		

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR2 B4 E4R **</b> 27.00 R 49 Tubeless	642068 19623	22 13.7	480 329	738 29.1	2733 107.6	1235 48.6	8257 325.1	90 113.4	892 35.1	1995 527.1	19.50/4.0 [3.2]	19.50/4.0 [2.7]
<b>Bar</b>	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8		
<b>Psi</b>	51	58	65	73	80	87	94	102	109	116		
<b>Machine - Use ( kg - lbs) TRANSPORT</b>												
<b>STANDARD</b>	16850 37154	18550 40903	20300 44762	22050 48620	24000 52920	25500 56228	27250 60086	28100 61961	29000 63945	29850 65819		

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR2 A E4R **</b> 27.00 R 49 Tubeless	831573 18823	18 11.2	392 269	738 29.1	2733 107.6	1235 48.6	8257 325.1	90 113.4	892 35.1	1995 527.1	19.50/4.0 [3.2]	19.50/4.0 [2.7]
<b>Bar</b>	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8		
<b>Psi</b>	51	58	65	73	80	87	94	102	109	116		
<b>Machine - Use ( kg - lbs) TRANSPORT</b>												
<b>STANDARD</b>	16850 37154	18550 40903	20300 44762	22050 48620	24000 52920	25500 56228	27250 60086	28100 61961	29000 63945	29850 65819		

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

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR3 B E4R ***</b> 27.00 R 49 Tubeless	764857 22060	28 17.4 if load per tyre ≤27.2 t	624 427	730 28.7	2730 107.5	1236 48.7	8252 324.9	90 113.4	892 35.1	1970 520.5	19.50/4.0 [3.2]	19.50/4.0 [2.7]
		26 16.2 if load per tyre >27.2 t										
Bar	3.5	4		4.5	5	5.5		6	6.5	7	7.5	8
Psi	51	58		65	73	80		87	94	102	109	116
Machine - Use ( kg - lbs) TRANSPORT LOAD PER TYRE ≤ 27.25 T												
STANDARD	16850 37154	18550 40903		20300 44762	22050 48620	24000 52920		25500 56228	27250 60086			
Machine - Use ( kg - lbs) TRANSPORT LOAD PER TYRE > 27.25 T												
STANDARD										29000 63945	30000 66150	32100 70781

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR3 B4 E4R ***</b> 27.00 R 49 Tubeless	395114 24794	24 14.9 if load per tyre ≤27.2 t	528 362	730 28.7	2730 107.5	1236 48.7	8252 324.9	90 113.4	892 35.1	1970 520.5	19.50/4.0 [3.2]	19.50/4.0 [2.7]
		22 13.7 if load per tyre >27.2 t										
Bar	3.5	4		4.5	5	5.5		6	6.5	7	7.5	8
Psi	51	58		65	73	80		87	94	102	109	116
Machine - Use ( kg - lbs) TRANSPORT LOAD PER TYRE ≤ 27.25 T												
STANDARD	16850 37154	18550 40903		20300 44762	22050 48620	24000 52920		25500 56228	27250 60086			
Machine - Use ( kg - lbs) TRANSPORT LOAD PER TYRE > 27.25 T												
STANDARD										29000 63945	30000 66150	32100 70781

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR3 A E4R ***</b> 27.00 R 49 Tubeless	667421	20 12.4 if load per tyre ≤27.2 t	432 296	730 28.7	2730 107.5	1236 48.7	8252 324.9	90 113.4	892 35.1	1970 520.5	19.50/4.0 [3.2]	19.50/4.0 [2.7]
		18 11.2 if load per tyre >27.2 t										
Bar	3.5	4		4.5	5	5.5		6	6.5	7	7.5	8
Psi	51	58		65	73	80		87	94	102	109	116
Machine - Use ( kg - lbs) TRANSPORT LOAD PER TYRE ≤ 27.25 T												
STANDARD	16850 37154	18550 40903		20300 44762	22050 48620	24000 52920		25500 56228	27250 60086			
Machine - Use ( kg - lbs) TRANSPORT LOAD PER TYRE > 27.25 T												
STANDARD										29000 63945	30000 66150	32100 70781

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

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>X-TRACTION RD B E4T **</b> <b>27.00 R 49 Tubeless</b>	470320 10116	30 18.6	654 448	743 29.3	2737 107.8	1234 48.6	8262 325.3	81 102	892 35.1	2045 540.3	19.50/4.0 [3.2]	19.50/4.0 [2.7] 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>		
<b>Machine - Use ( kg - lbs) TRANSPORT</b>												
<b>STANDARD</b>	16850 37154	18550 40903	20300 44762	22050 48620	24000 52920	25500 56228	27250 60086	28100 61961	29000 63945	29850 65819		

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>X-TRACTION RD B4 E4T **</b> <b>27.00 R 49 Tubeless</b>	166905 68679	26 16.2	567 388	743 29.3	2737 107.8	1234 48.6	8262 325.3	81 102	892 35.1	2045 540.3	19.50/4.0 [3.2]	19.50/4.0 [2.7] 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>		
<b>Machine - Use ( kg - lbs) TRANSPORT</b>												
<b>STANDARD</b>	16850 37154	18550 40903	20300 44762	22050 48620	24000 52920	25500 56228	27250 60086	28100 61961	29000 63945	29850 65819		

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>X-TRACTION RD A4 E4T **</b> <b>27.00 R 49 Tubeless</b>	495676 38957	18 11.2	392 269	743 29.3	2737 107.8	1234 48.6	8262 325.3	81 102	892 35.1	2045 540.3	19.50/4.0 [3.2]	19.50/4.0 [2.7] 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>		
<b>Machine - Use ( kg - lbs) TRANSPORT</b>												
<b>STANDARD</b>	16850 37154	18550 40903	20300 44762	22050 48620	24000 52920	25500 56228	27250 60086	28100 61961	29000 63945	29850 65819		

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>X-TRACTION S RD B E3T **</b> <b>27.00 R 49 Tubeless</b>	689287 35019	35 21.7	763 523	746 29.4	2647 104.2	1190 46.9	7982 314.3	46 58	892 35.1	2045 540.3	19.50/4.0 [3.2]	19.50/4.0 [2.7] 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>		
<b>Machine - Use ( kg - lbs) TRANSPORT</b>												
<b>STANDARD</b>	16850 37154	18550 40903	20300 44762	22050 48620	24000 52920	25500 56228	27250 60086	28100 61961	29000 63945	29850 65819		

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XV C E2 **</b> <b>27.00 R 49 Tubeless <sup>(9)</sup></b>	280557 06957	50 31.1	1090 747	745 29.3	2648 104.3	1170 46.1	7934 312.4	33 41.6	909 35.8	2060 544.3	19.50/4.0 [3.2]	19.50/4.0 [2.7] 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>		
<b>Machine - Use ( kg - lbs) TRANSPORT</b>												
<b>STANDARD</b>	16850 37154	18550 40903	20300 44762	22050 48620	24000 52920	25500 56228	27250 60086	28100 61961	29000 63945	29850 65819		

51"

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR B E4R **</b> <b>30.00 R 51 Tubeless</b>	123151 81267	24 14.9	643 440	835 32.9	2878 113.3	1288 50.7	8662 341	83 104.6	1006 39.6	2490 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>				
<b>Machine - Use ( kg - lbs) TRANSPORT</b>												
<b>STANDARD</b>	22100 48731	24350 53692	26650 58763	28950 63835	31200 68796	33500 73868	34650 76403	35800 78939				

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

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR B4 E4R **</b> 30.00 R 51 Tubeless	123041 32096	20 12.4	536 367	835 32.9	2878 113.3	1288 50.7	8662 341	83 104.6	1006 39.6	2490 657.9	22.00/4.5	
<b>Bar</b>	3.5	4	4.5	5	5.5	6	6.5	7				
<b>Psi</b>	51	58	65	73	80	87	94	102				
<b>Machine - Use ( kg - lbs) TRANSPORT</b>												
<b>STANDARD</b>	22100 48731	24350 53692	26650 58763	28950 63835	31200 68796	33500 73868	34650 76403	35800 78939				

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR+ MC E4R **</b> 30.00 R 51 Tubeless	765099	30 18.6	804 551	835 32.9	2878 113.3	1288 50.7	8662 341	83 104.6	1006 39.6	2490 657.9	22.00/4.5	
<b>Bar</b>	3.5	4	4.5	5	5.5	6	6.5	7				
<b>Psi</b>	51	58	65	73	80	87	94	102				
<b>Machine - Use ( kg - lbs) TRANSPORT</b>												
<b>STANDARD</b>	22100 48731	24350 53692	26650 58763	28950 63835	31200 68796	33500 73868	34650 76403	35800 78939				

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR+ MB E4R **</b> 30.00 R 51 Tubeless	217595	24 14.9	643 440	835 32.9	2878 113.3	1288 50.7	8662 341	83 104.6	1006 39.6	2490 657.9	22.00/4.5	
<b>Bar</b>	3.5	4	4.5	5	5.5	6	6.5	7				
<b>Psi</b>	51	58	65	73	80	87	94	102				
<b>Machine - Use ( kg - lbs) TRANSPORT</b>												
<b>STANDARD</b>	22100 48731	24350 53692	26650 58763	28950 63835	31200 68796	33500 73868	34650 76403	35800 78939				

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDT A E4T **</b> 33.00 R 51 Tubeless	123971 79398	22 13.7	682 467	911 35.9	3040 119.7	1365 53.7	9161 360.7	87 109.6	1107 43.6	3090 816.4	24.00/5.0 [4.4]	24.00/5.0 [3.9]
<b>Bar</b>	3.5	4	4.5	5	5.5	6	6.5	7				
<b>Psi</b>	51	58	65	73	80	87	94	102				
<b>Machine - Use ( kg - lbs) TRANSPORT</b>												
<b>STANDARD</b>	25550 56338	28200 62181	30800 67914	33450 73757	36600 80703	38750 85444	40100 88421	41400 91287				

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDT B E4T **</b> 33.00 R 51 Tubeless	123961 53227	30 18.6	930 637	911 35.9	3040 119.7	1365 53.7	9161 360.7	87 109.6	1107 43.6	3090 816.4	24.00/5.0 [4.4]	24.00/5.0 [3.9]
<b>Bar</b>	3.5	4	4.5	5	5.5	6	6.5	7				
<b>Psi</b>	51	58	65	73	80	87	94	102				
<b>Machine - Use ( kg - lbs) TRANSPORT</b>												
<b>STANDARD</b>	25550 56338	28200 62181	30800 67914	33450 73757	36600 80703	38750 85444	40100 88421	41400 91287				

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDC C4 E3V **</b> 33.00 R 51 Tubeless <sup>(9)</sup>	645788 28097	45 28	1395 956	889 35	2966 116.8	1318 51.9	8903 350.5	48 60.5	1107 43.6		24.00/5.0 [4.4]	24.00/5.0 [3.9]
<b>Bar</b>	3.5	4	4.5	5	5.5	6	6.5	7				
<b>Psi</b>	51	58	65	73	80	87	94	102				
<b>Machine - Use ( kg - lbs) TRANSPORT</b>												
<b>STANDARD</b>	25550 56338	28200 62181	30800 67914	33450 73757	36600 80703	38750 85444	40100 88421	41400 91287				

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

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR C4 E4R **</b> <b>33.00 R 51 Tubeless <sup>(8)</sup></b>	<b>839917</b> 91900	<b>27</b> 16.8	<b>837</b> 573	<b>907</b> 35.7	<b>3032</b> 119.4	<b>1353</b> 53.3	<b>9116</b> 358.9	<b>88</b> 110.9	<b>1107</b> 43.6	<b>3000</b> 792.6	<b>24.00/5.0 [4.4]</b>	<b>24.00/5.0 [3.9]</b>
<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) TRANSPORT</b>												
<b>STANDARD</b>	<b>25550</b> 56338	<b>28200</b> 62181	<b>30800</b> 67914	<b>33450</b> 73757	<b>36600</b> 80703	<b>38750</b> 85444	<b>40100</b> 88421	<b>41400</b> 91287				

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR2 C4 E4R **</b> <b>33.00 R 51 Tubeless</b>	<b>103564</b> 20083	<b>27</b> 16.8	<b>837</b> 573	<b>916</b> 36.1	<b>3047</b> 120	<b>1365</b> 53.7	<b>9175</b> 361.2	<b>94</b> 118.4	<b>1107</b> 43.6	<b>3119</b> 824	<b>24.00/5.0 [4.4]</b>	<b>24.00/5.0 [3.9]</b>
<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) TRANSPORT</b>												
<b>STANDARD</b>	<b>25550</b> 56338	<b>28200</b> 62181	<b>30800</b> 67914	<b>33450</b> 73757	<b>36600</b> 80703	<b>38750</b> 85444	<b>40100</b> 88421	<b>41400</b> 91287				

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR2 B E4R **</b> <b>33.00 R 51 Tubeless</b>	<b>242131</b> 20548	<b>24</b> 14.9	<b>744</b> 510	<b>916</b> 36.1	<b>3047</b> 120	<b>1365</b> 53.7	<b>9175</b> 361.2	<b>94</b> 118.4	<b>1107</b> 43.6	<b>3119</b> 824	<b>24.00/5.0 [4.4]</b>	<b>24.00/5.0 [3.9]</b>
<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) TRANSPORT</b>												
<b>STANDARD</b>	<b>25550</b> 56338	<b>28200</b> 62181	<b>30800</b> 67914	<b>33450</b> 73757	<b>36600</b> 80703	<b>38750</b> 85444	<b>40100</b> 88421	<b>41400</b> 91287				

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR2 MB4 E4R **</b> <b>33.00 R 51 Tubeless <sup>(8)</sup></b>	<b>392537</b> 53434	<b>20</b> 12.4	<b>620</b> 425	<b>916</b> 36.1	<b>3047</b> 120	<b>1365</b> 53.7	<b>9175</b> 361.2	<b>94</b> 118.4	<b>1107</b> 43.6	<b>3119</b> 824	<b>24.00/5.0 [4.4]</b>	<b>24.00/5.0 [3.9]</b>
<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) TRANSPORT</b>												
<b>STANDARD</b>	<b>25550</b> 56338	<b>28200</b> 62181	<b>30800</b> 67914	<b>33450</b> 73757	<b>36600</b> 80703	<b>38750</b> 85444	<b>40100</b> 88421	<b>41400</b> 91287				

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR2 B4 E4R **</b> <b>33.00 R 51 Tubeless</b>	<b>444886</b> 20328	<b>20</b> 12.4	<b>620</b> 425	<b>916</b> 36.1	<b>3047</b> 120	<b>1365</b> 53.7	<b>9175</b> 361.2	<b>94</b> 118.4	<b>1107</b> 43.6	<b>3119</b> 824	<b>24.00/5.0 [4.4]</b>	<b>24.00/5.0 [3.9]</b>
<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) TRANSPORT</b>												
<b>STANDARD</b>	<b>25550</b> 56338	<b>28200</b> 62181	<b>30800</b> 67914	<b>33450</b> 73757	<b>36600</b> 80703	<b>38750</b> 85444	<b>40100</b> 88421	<b>41400</b> 91287				

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR3 C4 E4R **</b> <b>33.00 R 51 Tubeless</b>	<b>691960</b> 78629	<b>27</b> 16.8	<b>837</b> 573	<b>921</b> 36.3	<b>3049</b> 120	<b>1363</b> 53.7	<b>9174</b> 361.2	<b>94</b> 118.4	<b>1074</b> 42.3	<b>3100</b> 819	<b>24.00/5.0 [4.4]</b>	<b>24.00/5.0 [3.9]</b> 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) TRANSPORT</b>												
<b>STANDARD</b>	<b>25550</b> 56338	<b>28200</b> 62181	<b>30800</b> 67914	<b>33450</b> 73757	<b>36600</b> 80703	<b>38750</b> 85444	<b>40100</b> 88421	<b>41400</b> 91287	<b>42700</b> 94154			

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

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR3 B E4R **</b> <b>33.00 R 51 Tubeless</b>	884959 05483	24 14.9	744 510	921 36.3	3049 120	1343 52.9	9124 359.2	94 118.4	1074 42.3	3100 819	24.00/5.0 [4.4]	24.00/5.0 [3.9] 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 56338	28200 62181	30800 67914	33450 73757	36600 80703	38750 85444	40100 88421	41400 91287	42700 94154			

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR3 B4 E4R **</b> <b>33.00 R 51 Tubeless</b>	089608 05115	20 12.4	620 425	921 36.3	3049 120	1363 53.7	9174 361.2	94 118.4	1074 42.3	3100 819	24.00/5.0 [4.4]	24.00/5.0 [3.9] 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 56338	28200 62181	30800 67914	33450 73757	36600 80703	38750 85444	40100 88421	41400 91287	42700 94154			

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDC C4 E3V **</b> <b>36.00 R 51 Tubeless <sup>(9)</sup></b>	975610 00557	40 24.9	1480 1014	1008 39.7	3145 123.8	1376 54.2	9388 369.6	57 71.8	1225 48.2	3980 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>			

<b>Machine - Use (kg - lbs)</b>	<b>TRANSPORT</b>											
<b>STANDARD</b>	30450 67142	33600 74088	36800 81144	39950 88090	43100 95036	46250 101981	47850 105509	49400 108927	51000 112455			

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDC B E3V **</b> <b>36.00 R 51 Tubeless <sup>(9)</sup></b>	320300 59360	37 23	1369 938	1008 39.7	3145 123.8	1376 54.2	9388 369.6	57 71.8	1225 48.2	3980 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>			

<b>Machine - Use (kg - lbs)</b>	<b>TRANSPORT</b>											
<b>STANDARD</b>	30450 67142	33600 74088	36800 81144	39950 88090	43100 95036	46250 101981	47850 105509	49400 108927	51000 112455			

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR B E4R **</b> <b>36.00 R 51 Tubeless</b>	123122 50173	24 14.9	888 608	1011 39.8	3215 126.6	1429 56.3	9653 380	96 120.9	1225 48.2	3980 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>			

<b>Machine - Use (kg - lbs)</b>	<b>TRANSPORT</b>											
<b>STANDARD</b>	30450 67142	33600 74088	36800 81144	39950 88090	43100 95036	46250 101981	47850 105509	49400 108927	51000 112455			

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR B4 E4R **</b> <b>36.00 R 51 Tubeless</b>	123002 87111	20 12.4	740 507	1011 39.8	3215 126.6	1430 56.3	9653 380	96 120.9	1225 48.2	3980 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>			

<b>Machine - Use (kg - lbs)</b>	<b>TRANSPORT</b>											
<b>STANDARD</b>	30450 67142	33600 74088	36800 81144	39950 88090	43100 95036	46250 101981	47850 105509	49400 108927	51000 112455			

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

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XMINE D2 HR L5R **</b> <b>50/65 R 51 Tubeless</b>	523260 00296	6 3.7		1273 50.1	3073 121	1366 53.8	9227 363.3	116 146.1		4463 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)

#### LOADERS

<b>FRONT LADEN</b>	46500 102533	50500 111353	54500 120173	58500 128993	62500 137813	65000 143325
<b>REAR UNLADEN</b>	37200 82026	40400 89082	43600 96138	46800 103194	50000 110250	52000 114660

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XMINE D2 LC L5R **</b> <b>50/65 R 51 Tubeless</b>	508706 08094	10 6.2		1273 50.1	3073 121	1366 53.8	9227 363.3	116 146.1		4463 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)

#### LOADERS

<b>FRONT LADEN</b>	46500 102533	50500 111353	54500 120173	58500 128993	62500 137813	65000 143325
<b>REAR UNLADEN</b>	37200 82026	40400 89082	43600 96138	46800 103194	50000 110250	52000 114660

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XMINE D2 SR L5R **</b> <b>50/65 R 51 Tubeless</b>	970863 92514	6 3.7		1273 50.1	3073 121	1366 53.8	9227 363.3	116 146.1		4463 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)

#### LOADERS

<b>FRONT LADEN</b>	46500 102533	50500 111353	54500 120173	58500 128993	62500 137813	65000 143325
<b>REAR UNLADEN</b>	37200 82026	40400 89082	43600 96138	46800 103194	50000 110250	52000 114660

## 57"

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDM B4 E4T **</b> <b>37.00 R 57 Tubeless</b>	725325 16047	20 12.4	848 581	1022 40.2	3453 135.9	1542 60.7	10385 408.9	99 124.7	1242 48.9		27.00/6.0 [5.2]	27.00/6.0 [4.6] 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>

Machine - Use (kg - lbs)

#### TRANSPORT

<b>STANDARD</b>	38550 85003	42200 93051	45800 100989	49400 108927	53000 116865	54850 120944	56650 124913	58450 128882
-----------------	----------------	----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR C E4R **</b> <b>37.00 R 57 Tubeless <sup>(8)</sup></b>	396514 92477	30 18.6	1272 871	1019 40.1	3456 136.1	1531 60.3	10362 408	98 123.5	1242 48.9	4586 1211.6	27.00/6.0 [5.2]	27.00/6.0 [4.6] 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>

Machine - Use (kg - lbs)

#### TRANSPORT

<b>STANDARD</b>	38550 85003	42200 93051	45800 100989	49400 108927	53000 116865	54850 120944	56650 124913	58450 128882
-----------------	----------------	----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------

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

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR2 C E4R **</b> <b>37.00 R 57 Tubeless</b>	422260 24353	30 18.6	1272 871	1025 40.4	3454 136	1533 60.4	10363 408	102 128.5	1242 48.9	4553 1202.9	27.00/6.0 [5.2]	27.00/6.0 [4.6] 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 85003	42200 93051	45800 100989	49400 108927	53000 116865	54850 120944	56650 124913	58450 128882				

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR2 C4 E4R **</b> <b>37.00 R 57 Tubeless</b>	532711 23511	27 16.8	1145 784	1025 40.4	3454 136	1533 60.4	10363 408	102 128.5	1242 48.9	4553 1202.9	27.00/6.0 [5.2]	27.00/6.0 [4.6] 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 85003	42200 93051	45800 100989	49400 108927	53000 116865	54850 120944	56650 124913	58450 128882				

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR2 B E4R **</b> <b>37.00 R 57 Tubeless</b>	183539 21976	24 14.9	1018 697	1025 40.4	3454 136	1533 60.4	10363 408	102 128.5	1242 48.9	4553 1202.9	27.00/6.0 [5.2]	27.00/6.0 [4.6] 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 85003	42200 93051	45800 100989	49400 108927	53000 116865	54850 120944	56650 124913	58450 128882				

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR2 MB4 E4R **</b> <b>37.00 R 57 Tubeless <sup>(8)</sup></b>	196602 80200	20 12.4	848 581	1025 40.4	3454 136	1533 60.4	10363 408	102 128.5	1242 48.9	4553 1202.9	27.00/6.0 [5.2]	27.00/6.0 [4.6] 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 85003	42200 93051	45800 100989	49400 108927	53000 116865	54850 120944	56650 124913	58450 128882				

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR2 B4 E4R **</b> <b>37.00 R 57 Tubeless</b>	289227 21579	20 12.4	848 581	1025 40.4	3454 136	1533 60.4	10363 408	102 128.5	1242 48.9	4553 1202.9	27.00/6.0 [5.2]	27.00/6.0 [4.6] 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 85003	42200 93051	45800 100989	49400 108927	53000 116865	54850 120944	56650 124913	58450 128882				

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR3 C E4R **</b> <b>37.00 R 57 Tubeless <sup>(8)</sup></b>	168876	30 18.6	1272 871	1013 39.9	3459 136.2	1537 60.5	10384 408.8	102 128.5	1242 48.9	4530 1196.8	27.00/6.0 [5.2]	27.00/6.0 [4.6] 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 85003	42200 93051	45800 100989	49400 108927	53000 116865	54850 120944	56650 124913	58450 128882				

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

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR3 C4 E4R **</b> 37.00 R 57 Tubeless <sup>(8)</sup>	514466	27 16.8	1145 784	1013 39.9	3459 136.2	1537 60.5	10384 408.8	102 128.5	1242 48.9	4530 1196.8	27.00/6.0 [5.2]	27.00/6.0 [4.6] 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 85003	42200 93051	45800 100989	49400 108927	53000 116865	54850 120944	56650 124913	58450 128882				

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR3 B E4R **</b> 37.00 R 57 Tubeless <sup>(8)</sup>	651752	24 14.9	1018 697	1013 39.9	3459 136.2	1537 60.5	10384 408.8	102 128.5	1242 48.9	4530 1196.8	27.00/6.0 [5.2]	27.00/6.0 [4.6] 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 85003	42200 93051	45800 100989	49400 108927	53000 116865	54850 120944	56650 124913	58450 128882				

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR3 B4 E4R **</b> 37.00 R 57 Tubeless <sup>(8)</sup>	112553	20 12.4	848 581	1013 39.9	3459 136.2	1537 60.5	10384 408.8	102 128.5	1242 48.9	4530 1196.8	27.00/6.0 [5.2]	27.00/6.0 [4.6] 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 85003	42200 93051	45800 100989	49400 108927	53000 116865	54850 120944	56650 124913	58450 128882				

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDC C4 E3V **</b> 40.00 R 57 Tubeless <sup>(9)</sup>	835698 51763	40 24.9	1920 1315	1107 43.6	3491 137.4	1528 60.2	10422 410.3	63 79.4	1365 53.7	5628 1486.9	29.00/6.0 [5.7]	29.00/6.0 [5.2] 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 96248	47750 105289	51850 114329	55950 123370	60000 132300	62050 136820	64100 141341					

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDC B E3V **</b> 40.00 R 57 Tubeless	731362 87933	37 23	1776 1217	1107 43.6	3491 137.4	1528 60.2	10422 410.3	63 79.4	1365 53.7	5628 1486.9	29.00/6.0 [5.7]	29.00/6.0 [5.2] 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 96248	47750 105289	51850 114329	55950 123370	60000 132300	62050 136820	64100 141341					

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDC B4 E3V **</b> 40.00 R 57 Tubeless <sup>(9)</sup>	943864 72766	34 21.1	1632 1118	1107 43.6	3491 137.4	1528 60.2	10422 410.3	63 79.4	1365 53.7	5628 1486.9	29.00/6.0 [5.7]	29.00/6.0 [5.2] 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 96248	47750 105289	51850 114329	55950 123370	60000 132300	62050 136820	64100 141341					

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

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR C E4R **</b> 40.00 R 57 Tubeless <sup>(8)</sup>	765274 49473	30 18.6	1440 986	1121 44.1	3570 140.6	1569 61.8	10673 420.2	97 122.2	1365 53.7	5630 1487.4	29.00/6.0 [5.7]	29.00/6.0 [5.2] 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)</b>	<b>TRANSPORT</b>											
<b>STANDARD</b>	43650 96248	47750 105289	51850 114329	55950 123370	60000 132300	62050 136820	64100 141341					

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR C4 E4R **</b> 40.00 R 57 Tubeless <sup>(8)</sup>	123443 84964	27 16.8	1296 888	1121 44.1	3570 140.6	1569 61.8	10673 420.2	97 122.2	1365 53.7	5630 1487.4	29.00/6.0 [5.7]	29.00/6.0 [5.2] 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)</b>	<b>TRANSPORT</b>											
<b>STANDARD</b>	43650 96248	47750 105289	51850 114329	55950 123370	60000 132300	62050 136820	64100 141341					

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR B E4R **</b> 40.00 R 57 Tubeless <sup>(8)</sup>	123323 65161	24 14.9	1152 789	1121 44.1	3570 140.6	1569 61.8	10673 420.2	97 122.2	1365 53.7	5630 1487.4	29.00/6.0 [5.7]	29.00/6.0 [5.2] 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)</b>	<b>TRANSPORT</b>											
<b>STANDARD</b>	43650 96248	47750 105289	51850 114329	55950 123370	60000 132300	62050 136820	64100 141341					

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR+ C4 E4R **</b> 40.00 R 57 Tubeless <sup>(8)</sup>	812802 48124	27 16.8	1296 888	1121 44.1	3570 140.6	1569 61.8	10673 420.2	97 122.2	1365 53.7	5630 1487.4	29.00/6.0 [5.7]	29.00/6.0 [5.2] 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)</b>	<b>TRANSPORT</b>											
<b>STANDARD</b>	43650 96248	47750 105289	51850 114329	55950 123370	60000 132300	62050 136820	64100 141341					

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR+ B E4R **</b> 40.00 R 57 Tubeless <sup>(8)</sup>	634799 47301	24 14.9	1152 789	1121 44.1	3570 140.6	1569 61.8	10673 420.2	97 122.2	1365 53.7	5630 1487.4	29.00/6.0 [5.7]	29.00/6.0 [5.2] 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)</b>	<b>TRANSPORT</b>											
<b>STANDARD</b>	43650 96248	47750 105289	51850 114329	55950 123370	60000 132300	62050 136820	64100 141341					

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR+ B4 E4R **</b> 40.00 R 57 Tubeless <sup>(8)</sup>	345942 47183	20 12.4	960 658	1121 44.1	3570 140.6	1569 61.8	10673 420.2	97 122.2	1365 53.7	5630 1487.4	29.00/6.0 [5.7]	29.00/6.0 [5.2] 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)</b>	<b>TRANSPORT</b>											
<b>STANDARD</b>	43650 96248	47750 105289	51850 114329	55950 123370	60000 132300	62050 136820	64100 141341					

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

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR2 C E4R **</b> 40.00 R 57 Tubeless	973971 05108	30 18.6	1440 986	1115 43.9	3579 140.9	1577 62.1	10711 421.7	98 123.5	1365 53.7	5630 1487.4	29.00/6.0 [5.7]	29.00/6.0 [5.2] 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)</b>	<b>TRANSPORT</b>											
<b>STANDARD</b>	43650 96248	47750 105289	51850 114329	55950 123370	60000 132300	62050 136820	64100 141341					

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR2 MC4 E4R **</b> 40.00 R 57 Tubeless <sup>(9)</sup>	139631 90162	27 16.8	1296 888	1115 43.9	3579 140.9	1577 62.1	10711 421.7	98 123.5	1365 53.7	5630 1487.4	29.00/6.0 [5.7]	29.00/6.0 [5.2] 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)</b>	<b>TRANSPORT</b>											
<b>STANDARD</b>	43650 96248	47750 105289	51850 114329	55950 123370	60000 132300	62050 136820	64100 141341					

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR2 C4 E4R **</b> 40.00 R 57 Tubeless	467633 26683	27 16.8	1296 888	1115 43.9	3579 140.9	1577 62.1	10711 421.7	98 123.5	1365 53.7	5630 1487.4	29.00/6.0 [5.7]	29.00/6.0 [5.2] 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)</b>	<b>TRANSPORT</b>											
<b>STANDARD</b>	43650 96248	47750 105289	51850 114329	55950 123370	60000 132300	62050 136820	64100 141341					

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR2 B E4R **</b> 40.00 R 57 Tubeless	815392 20800	24 14.9	1152 789	1115 43.9	3579 140.9	1577 62.1	10711 421.7	98 123.5	1365 53.7	5630 1487.4	29.00/6.0 [5.7]	29.00/6.0 [5.2] 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)</b>	<b>TRANSPORT</b>											
<b>STANDARD</b>	43650 96248	47750 105289	51850 114329	55950 123370	60000 132300	62050 136820	64100 141341					

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR2 MB4 E4R **</b> 40.00 R 57 Tubeless <sup>(9)</sup>	064371 27050	20 12.4	960 658	1115 43.9	3579 140.9	1577 62.1	10711 421.7	98 123.5	1365 53.7	5630 1487.4	29.00/6.0 [5.7]	29.00/6.0 [5.2] 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)</b>	<b>TRANSPORT</b>											
<b>STANDARD</b>	43650 96248	47750 105289	51850 114329	55950 123370	60000 132300	62050 136820	64100 141341					

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR2 B4 E4R **</b> 40.00 R 57 Tubeless	736514 25410	20 12.4	960 658	1115 43.9	3579 140.9	1577 62.1	10711 421.7	98 123.5	1365 53.7	5630 1487.4	29.00/6.0 [5.7]	29.00/6.0 [5.2] 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)</b>	<b>TRANSPORT</b>											
<b>STANDARD</b>	43650 96248	47750 105289	51850 114329	55950 123370	60000 132300	62050 136820	64100 141341					

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

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR3 MC E4R **</b> 40.00 R 57 Tubeless	861130 02582	30 18.6	1440 986	1127 44.4	3580 140.9	1578 62.1	10714 421.8	98 123.5	1365 53.7	5560 1469	29.00/6.0 [5.7]	29.00/6.0 [5.2] 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>					

Machine - Use (kg - lbs)	<b>TRANSPORT</b>											
<b>STANDARD</b>	43650 96248	47750 105289	51850 114329	55950 123370	60000 132300	62050 136820	64100 141341					

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR3 MC4 E4R **</b> 40.00 R 57 Tubeless	843163 54268	27 16.8	1296 888	1127 44.4	3580 140.9	1578 62.1	10714 421.8	98 123.5	1365 53.7	5560 1469	29.00/6.0 [5.7]	29.00/6.0 [5.2] 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>					

Machine - Use (kg - lbs)	<b>TRANSPORT</b>											
<b>STANDARD</b>	43650 96248	47750 105289	51850 114329	55950 123370	60000 132300	62050 136820	64100 141341					

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR3 MB E4R **</b> 40.00 R 57 Tubeless	349567 40866	24 14.9	1152 789	1127 44.4	3580 140.9	1578 62.1	10714 421.8	98 123.5	1365 53.7	5560 1469	29.00/6.0 [5.7]	29.00/6.0 [5.2] 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>					

Machine - Use (kg - lbs)	<b>TRANSPORT</b>											
<b>STANDARD</b>	43650 96248	47750 105289	51850 114329	55950 123370	60000 132300	62050 136820	64100 141341					

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR3 MB4 E4R **</b> 40.00 R 57 Tubeless	133439 07678	20 12.4	960 658	1127 44.4	3580 140.9	1578 62.1	10714 421.8	98 123.5	1365 53.7	5560 1469	29.00/6.0 [5.7]	29.00/6.0 [5.2] 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>					

Machine - Use (kg - lbs)	<b>TRANSPORT</b>											
<b>STANDARD</b>	43650 96248	47750 105289	51850 114329	55950 123370	60000 132300	62050 136820	64100 141341					

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR C4 E4R **</b> 50/80 R 57 Tubeless	929814 07460	24 14.9	1402 960	1284 50.6	3627 142.8	1567 61.7	10776 424.3	94 118.4	1563 61.5	6750 1783.4	34.00/6.0 [5.2]	34.00/6.0 [4.8]

<b>Bar</b>	<b>5</b>	<b>5.5</b>	<b>6</b>	<b>6.5</b>	<b>7</b>							
<b>Psi</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>	63000 138915	68000 149940	73000 160965	75500 166478	78000 171990							

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

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR C4 E4R **</b> 50/80 R 57 Tubeless	929814 07460	26 16.2	1394 955	1253 49.3	3625 142.7	1577 62.1	10798 425.1	94 118.4	1536 60.5	6420 1696.2	32.00/6.0 [5.2]	32.00/6.0 [4.8] 34.00/6.0

<b>Bar</b>	5	5.5	6	6.5	7
<b>Psi</b>	73	80	87	94	102

Machine - Use (kg - lbs)	<b>TRANSPORT</b>											
<b>STANDARD</b>	57820 127493	62410 137614	67000 147735	69290 152784	71590 157856							

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR B E4R **</b> 50/80 R 57 Tubeless	966177 39369	22 13.7	1285 880	1284 50.6	3627 142.8	1567 61.7	10776 424.3	94 118.4	1563 61.5	6750 1783.4	34.00/6.0 [5.2]	34.00/6.0 [4.8]

<b>Bar</b>	5	5.5	6	6.5	7
<b>Psi</b>	73	80	87	94	102

Machine - Use (kg - lbs)	<b>TRANSPORT</b>											
<b>STANDARD</b>	63000 138915	68000 149940	73000 160965	75500 166478	78000 171990							

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR B E4R **</b> 50/80 R 57 Tubeless	966177 39369	24 14.9	1286 881	1253 49.3	3625 142.7	1577 62.1	10798 425.1	94 118.4	1536 60.5	6420 1696.2	32.00/6.0 [5.2]	32.00/6.0 [4.8] 34.00/6.0

<b>Bar</b>	5	5.5	6	6.5	7
<b>Psi</b>	73	80	87	94	102

Machine - Use (kg - lbs)	<b>TRANSPORT</b>											
<b>STANDARD</b>	57820 127493	62410 137614	67000 147735	69290 152784	71590 157856							

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR B4 E4R **</b> 50/80 R 57 Tubeless	310787 35277	20 12.4	1168 800	1284 50.6	3627 142.8	1567 61.7	10776 424.3	94 118.4	1563 61.5	6750 1783.4	34.00/6.0 [5.2]	34.00/6.0 [4.8]

<b>Bar</b>	5	5.5	6	6.5	7
<b>Psi</b>	73	80	87	94	102

Machine - Use (kg - lbs)	<b>TRANSPORT</b>											
<b>STANDARD</b>	63000 138915	68000 149940	73000 160965	75500 166478	78000 171990							

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR B4 E4R **</b> 50/80 R 57 Tubeless	310787 35277	20 12.4	1072 734	1253 49.3	3625 142.7	1577 62.1	10798 425.1	94 118.4	1536 60.5	6420 1696.2	32.00/6.0 [5.2]	32.00/6.0 [4.8] 34.00/6.0

<b>Bar</b>	5	5.5	6	6.5	7
<b>Psi</b>	73	80	87	94	102

Machine - Use (kg - lbs)	<b>TRANSPORT</b>											
<b>STANDARD</b>	57820 127493	62410 137614	67000 147735	69290 152784	71590 157856							

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR250 C E4R **</b> 50/80 R 57 Tubeless	195241 81178	30 18.6	1608 1101	1204 47.4	3610 142.1	1586 62.4	10791 424.8	94 118.4	1420 55.9	6150 1624.8	32.00/6.0 [5.2]	29.00/6.0 [5.2] 29.00/6.0 [5.7] 32.00/6.0 [4.8]

<b>Bar</b>	5	5.5	6	6.5	7	7.5	8
<b>Psi</b>	73	80	87	94	102	109	116

Machine - Use (kg - lbs)	<b>TRANSPORT</b>											
<b>STANDARD</b>	55000 121275	59000 130095	63000 138915	67000 147735	69000 152145	71000 156555	73000 160965					

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

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved Rims <sup>(2) (3)</sup>
<b>XDR250 C4 E4R **</b> <b>50/80 R 57 Tubeless</b>	253293 48751	27 16.8	1447 991	1204 47.4	3610 142.1	1586 62.4	10791 424.8	94 118.4	1420 55.9	6150 1624.8	32.00/6.0 [5.2]	29.00/6.0 [5.2] 29.00/6.0 [5.7] 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 121275	59000 130095	63000 138915	67000 147735	69000 152145	71000 156555	73000 160965					

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved Rims <sup>(2) (3)</sup>
<b>XDR250 B E4R **</b> <b>50/80 R 57 Tubeless</b>	274589 50281	24 14.9	1286 881	1204 47.4	3610 142.1	1586 62.4	10791 424.8	94 118.4	1420 55.9	6150 1624.8	32.00/6.0 [5.2]	29.00/6.0 [5.2] 29.00/6.0 [5.7] 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 121275	59000 130095	63000 138915	67000 147735	69000 152145	71000 156555	73000 160965					

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved Rims <sup>(2) (3)</sup>
<b>XDR250 B4 E4R **</b> <b>50/80 R 57 Tubeless</b>	371742 50070	20 12.4	1072 734	1204 47.4	3610 142.1	1586 62.4	10791 424.8	94 118.4	1420 55.9	6150 1624.8	32.00/6.0 [5.2]	29.00/6.0 [5.2] 29.00/6.0 [5.7] 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 121275	59000 130095	63000 138915	67000 147735	69000 152145	71000 156555	73000 160965					

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved Rims <sup>(2) (3)</sup>
<b>XMINE D2 LC L5R *</b> <b>55/80 R 57 Tubeless</b>	594400 13267	10 6.2		1430 56.3	3740 147.2	1636 64.4	11161 439.4	119 149.9		7967 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>					

<b>Machine - Use ( kg - lbs )</b>	<b>LOADERS</b>											
<b>FRONT LADEN</b>	75000 165375	80000 176400	85000 187425	90000 198450	95000 209475	100000 220500	105000 231525					
<b>REAR UNLADEN</b>	60000 132300	64000 141120	68000 149940	72000 158760	76000 167580	80000 176400	84000 185220					

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved Rims <sup>(2) (3)</sup>
<b>XMINE D2 SR L5R *</b> <b>55/80 R 57 Tubeless</b>	635563 18939	6 3.7		1430 56.3	3740 147.2	1636 64.4	11161 439.4	119 149.9		7967 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>					

<b>Machine - Use ( kg - lbs )</b>	<b>LOADERS</b>											
<b>FRONT LADEN</b>	75000 165375	80000 176400	85000 187425	90000 198450	95000 209475	100000 220500	105000 231525					
<b>REAR UNLADEN</b>	60000 132300	64000 141120	68000 149940	72000 158760	76000 167580	80000 176400	84000 185220					

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

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XMINE D2 HR L5R *</b> <b>55/80 R 57 Tubeless</b>	817367 07695	6 3.7		1430 56.3	3740 147.2	1636 64.4	11161 439.4	119 149.9		7967 2104.9	44.00/5.0	42.00/5.0

Bar	4	4.5	5	5.5	6	6.5	7
Psi	58	65	73	80	87	94	102
Machine - Use ( kg - lbs)	LOADERS						
FRONT LADEN	75000 165375	80000 176400	85000 187425	90000 198450	95000 209475	100000 220500	105000 231525
REAR UNLADEN	60000 132300	64000 141120	68000 149940	72000 158760	76000 167580	80000 176400	84000 185220

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./ hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved Rims <sup>(2) (3)</sup>
XDR C4 E4R ** 50/90 R 57 Tubeless	388084 46349	28 17.4	1747 1197	1260 49.6	3840 151.2	1701 67	11513 453.3	107 134.8	1537 60.5		32.00/6.5	
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	52850 116534	57800 127449	62750 138364	67700 149279	72650 160193	75320 166081	78000 171990	80660 177855				

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
XDR B E4R ** 50/90 R 57 Tubeless	894079 95806	24 14.9	1498 1026	1260 49.6	3840 151.2	1701 67	11513 453.3	107 134.8	1537 60.5		32.00/6.5	
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	52850 116534	57800 127449	62750 138364	67700 149279	72650 160193	75320 166081	78000 171990	80660 177855				

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
XDR B4 E4R ** 50/90 R 57 Tubeless	289603 51976	20 12.4	1248 855	1260 49.6	3840 151.2	1701 67	11513 453.3	107 134.8	1537 60.5		32.00/6.5	
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	52850 116534	57800 127449	62750 138364	67700 149279	72650 160193	75320 166081	78000 171990	80660 177855				

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
XDR3 MC4 E4R ** 50/90 R 57 Tubeless	650162 09945	28 17.4	1747 1197	1272 50.1	3822 150.5	1701 67	11513 453.3	98 123.5	1506 59.3	7520 1986.8	32.00/6.5	32.00/6.0 34.00/6.0 34.00/6.5
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	57800 127449	62750 138364	67700 149279	72650 160193	75320 166081	78000 171990	80660 177855	83320 183721				

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
XDR3 MB E4R ** 50/90 R 57 Tubeless	744229 45751	24 14.9	1498 1026	1272 50.1	3822 150.5	1701 67	11513 453.3	98 123.5	1506 59.3	7520 1986.8	32.00/6.5	32.00/6.0 34.00/6.0 34.00/6.5
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	57800 127449	62750 138364	67700 149279	72650 160193	75320 166081	78000 171990	80660 177855	83320 183721				

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

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR3 MB4 E4R **</b> <b>50/90 R 57 Tubeless</b>	283806 39092	20 12.4	1248 855	1272 50.1	3822 150.5	1701 67	11513 453.3	98 123.5	1506 59.3	7520 1986.8	32.00/6.5	32.00/6.0 34.00/6.0 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 127449	62750 138364	67700 149279	72650 160193	75320 166081	78000 171990	80660 177855	83320 183721				

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XMINE D2 SR L5R *</b> <b>60/80 R 57 Tubeless</b>	964380 31145	6 3.7		1520 59.8	3949 155.5	1713 67.4	11750 462.6	118 148.7		10022 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 165375	83000 183015	91000 200655	99000 218295	107000 235935	115000 253575	123000 271215					
<b>REAR UNLADEN</b>	60000 132300	66400 146412	72800 160524	79200 174636	85600 188748	92000 202860	98400 216972					

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XMINE D2 HR L5R *</b> <b>60/80 R 57 Tubeless</b>	114447 09011	6 3.7		1520 59.8	3949 155.5	1713 67.4	11750 462.6	118 148.7		10022 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 165375	83000 183015	91000 200655	99000 218295	107000 235935	115000 253575	123000 271215					
<b>REAR UNLADEN</b>	60000 132300	66400 146412	72800 160524	79200 174636	85600 188748	92000 202860	98400 216972					

### 63"

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR C4 E4R **</b> <b>53/80 R 63 Tubeless <sup>(8)</sup></b>	632032 18357	28 17.4	1837 1258	1362 53.6	3776 148.7	1638 64.5	11234 442.3	105 132.3	1637 64.4	7650 2021.1	36.00/5.0 [5.5]	36.00/5.0 [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>6.8</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>99</b>	<b>102</b>				

Machine - Use (kg - lbs)	<b>TRANSPORT</b>											
<b>STANDARD</b>	59660 131550	65240 143854	70830 156180	76410 168484	82000 180810	84270 185815	85630 188814	86530 190799				

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR C4 E4R **</b> <b>53/80 R 63 Tubeless <sup>(8)</sup></b>	632032 18357	28 17.4	1837 1258	1362 53.6	3776 148.7	1638 64.5	11234 442.3	105 132.3	1660 65.4	7650 2021.1	38.00/5.0 [5.5]	38.00/5.0 [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>6.8</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>99</b>	<b>102</b>				

Machine - Use (kg - lbs)	<b>TRANSPORT</b>											
<b>STANDARD</b>	59660 131550	65240 143854	70830 156180	76410 168484	82000 180810	85010 187447	86820 191438	88030 194106				

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

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR B E4R **</b> <b>53/80 R 63 Tubeless <sup>(8)</sup></b>	026549 75490	24 14.9	1574 1078	1362 53.6	3776 148.7	1638 64.5	11234 442.3	105 132.3	1660 65.4	7845 2072.6	38.00/5.0 [5.5]	36.00/5.0 [5] 38.00/5.0 [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>6.8</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>99</b>	<b>102</b>				

<b>Machine - Use ( kg - lbs)</b>	<b>TRANSPORT</b>											
<b>STANDARD</b>	59660 131550	65240 143854	70830 156180	76410 168484	82000 180810	85010 187447	86820 191438	88030 194106				

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR B E4R **</b> <b>53/80 R 63 Tubeless <sup>(8)</sup></b>	026549 75490	24 14.9	1574 1078	1342 52.8	3776 148.7	1638 64.5	11234 442.3	105 132.3	1637 64.4	7650 2021.1	36.00/5.0 [5.5]	36.00/5.0 [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>6.8</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>99</b>	<b>102</b>				

<b>Machine - Use ( kg - lbs)</b>	<b>TRANSPORT</b>											
<b>STANDARD</b>	59660 131550	65240 143854	70830 156180	76410 168484	82000 180810	84270 185815	85630 188814	86530 190799				

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR2 MC4 E4R **</b> <b>53/80 R 63 Tubeless <sup>(9)</sup></b>	038101 61725	28 17.4	1837 1258	1380 54.3	3803 149.7	1655 65.2	11329 446	110 138.6	1660 65.4	7822 2066.6	38.00/5.0 [5.5]	38.00/5.0 [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>6.8</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>99</b>	<b>102</b>				

<b>Machine - Use ( kg - lbs)</b>	<b>TRANSPORT</b>											
<b>STANDARD</b>	59660 131550	65240 143854	70830 156180	76410 168484	82000 180810	85010 187447	86820 191438	88030 194106				

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR2 MC4 E4R **</b> <b>53/80 R 63 Tubeless <sup>(9)</sup></b>	038101 61725	28 17.4	1837 1258	1360 53.5	3803 149.7	1652 65	11322 445.7	110 138.6	1637 64.4	7625 2014.5	36.00/5.0 [5.5]	36.00/5.0 [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>6.8</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>99</b>	<b>102</b>				

<b>Machine - Use ( kg - lbs)</b>	<b>TRANSPORT</b>											
<b>STANDARD</b>	59660 131550	65240 143854	70830 156180	76410 168484	82000 180810	84270 185815	85630 188814	86530 190799				

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR2 C4 E4R **</b> <b>53/80 R 63 Tubeless <sup>(8)</sup></b>	782508 22025	28 17.4	1837 1258	1380 54.3	3803 149.7	1655 65.2	11329 446	110 138.6	1660 65.4	7822 2066.6	38.00/5.0 [5.5]	38.00/5.0 [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>6.8</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>99</b>	<b>102</b>				

<b>Machine - Use ( kg - lbs)</b>	<b>TRANSPORT</b>											
<b>STANDARD</b>	59660 131550	65240 143854	70830 156180	76410 168484	82000 180810	85010 187447	86820 191438	88030 194106				

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR2 C4 E4R **</b> <b>53/80 R 63 Tubeless <sup>(8)</sup></b>	782508 22025	28 17.4	1837 1258	1360 53.5	3803 149.7	1652 65	11322 445.7	110 138.6	1637 64.4	7625 2014.5	36.00/5.0 [5.5]	36.00/5.0 [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>6.8</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>99</b>	<b>102</b>				

<b>Machine - Use ( kg - lbs)</b>	<b>TRANSPORT</b>											
<b>STANDARD</b>	59660 131550	65240 143854	70830 156180	76410 168484	82000 180810	84270 185815	85630 188814	86530 190799				

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

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR2 MB4 E4R **</b> <b>53/80 R 63 Tubeless <sup>(9)</sup></b>	820930 32554	20 12.4	1312 899	1380 54.3	3803 149.7	1655 65.2	11329 446	110 138.6	1660 65.4	7822 2066.6	38.00/5.0 [5.5]	38.00/5.0 [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>6.8</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>99</b>	<b>102</b>				

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

<b>STANDARD</b>	59660 131550	65240 143854	70830 156180	76410 168484	82000 180810	85010 187447	86820 191438	88030 194106				
-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	--	--	--	--

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR2 MB4 E4R **</b> <b>53/80 R 63 Tubeless <sup>(9)</sup></b>	820930 32554	20 12.4	1312 899	1360 53.5	3803 149.7	1652 65	11322 445.7	110 138.6	1637 64.4	7625 2014.5	36.00/5.0 [5.5]	36.00/5.0 [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>6.8</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>99</b>	<b>102</b>				

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

<b>STANDARD</b>	59660 131550	65240 143854	70830 156180	76410 168484	82000 180810	84270 185815	85630 188814	86530 190799				
-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	--	--	--	--

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR2 B E4R **</b> <b>53/80 R 63 Tubeless</b>	077134 28190	24 14.9	1574 1078	1380 54.3	3803 149.7	1655 65.2	11329 446	110 138.6	1660 65.4	7822 2066.6	38.00/5.0 [5.5]	38.00/5.0 [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>6.8</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>99</b>	<b>102</b>				

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

<b>STANDARD</b>	59660 131550	65240 143854	70830 156180	76410 168484	82000 180810	85010 187447	86820 191438	88030 194106				
-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	--	--	--	--

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR2 B E4R **</b> <b>53/80 R 63 Tubeless</b>	077134 28190	24 14.9	1574 1078	1360 53.5	3803 149.7	1652 65	11322 445.7	110 138.6	1637 64.4	7625 2014.5	36.00/5.0 [5.5]	36.00/5.0 [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>6.8</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>99</b>	<b>102</b>				

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

<b>STANDARD</b>	59660 131550	65240 143854	70830 156180	76410 168484	82000 180810	84270 185815	85630 188814	86530 190799				
-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	--	--	--	--

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR2 B4 E4R **</b> <b>53/80 R 63 Tubeless</b>	227848 27956	20 12.4	1312 899	1380 54.3	3803 149.7	1655 65.2	11329 446	110 138.6	1660 65.4	7822 2066.6	38.00/5.0 [5.5]	38.00/5.0 [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>6.8</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>99</b>	<b>102</b>				

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

<b>STANDARD</b>	59660 131550	65240 143854	70830 156180	76410 168484	82000 180810	85010 187447	86820 191438	88030 194106				
-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	--	--	--	--

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR2 B4 E4R **</b> <b>53/80 R 63 Tubeless</b>	227848 27956	20 12.4	1312 899	1360 53.5	3803 149.7	1652 65	11322 445.7	110 138.6	1637 64.4	7625 2014.5	36.00/5.0 [5.5]	36.00/5.0 [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>6.8</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>99</b>	<b>102</b>				

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

<b>STANDARD</b>	59660 131550	65240 143854	70830 156180	76410 168484	82000 180810	84270 185815	85630 188814	86530 190799				
-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	--	--	--	--

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

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR3 MC E4R **</b> <b>53/80 R 63 Tubeless</b>	709804 99718	30 18.6	1980 1356	1359 53.5	3804 149.8	1648 64.9	11312 445.4	110 138.6	1637 64.4	7590 2005.3	36.00/5.0 [5.5]	36.00/5.0 [5] 38.00/5.0 [5.5] 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>	<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 km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR3 MC4 E4R **</b> <b>53/80 R 63 Tubeless</b>	031154 06229	28 17.4	1848 1266	1359 53.5	3804 149.8	1648 64.9	11312 445.4	110 138.6	1637 64.4	7590 2005.3	36.00/5.0 [5.5]	36.00/5.0 [5] 38.00/5.0 [5.5] 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>	<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 km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR3 MB E4R **</b> <b>53/80 R 63 Tubeless</b>	302446 26004	24 14.9	1584 1085	1359 53.5	3804 149.8	1648 64.9	11312 445.4	110 138.6	1637 64.4	7590 2005.3	36.00/5.0 [5.5]	36.00/5.0 [5] 38.00/5.0 [5.5] 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>	<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 km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR3 MB4 E4R **</b> <b>53/80 R 63 Tubeless</b>	176236 05149	20 12.4	1320 904	1359 53.5	3804 149.8	1648 64.9	11312 445.4	110 138.6	1637 64.4	7590 2005.3	36.00/5.0 [5.5]	36.00/5.0 [5] 38.00/5.0 [5.5] 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>	<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 km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR3 EXTRA LOAD MC E4R ***</b> <b>53/80 R 63 TL *** Tubeless</b>	812927 17699	30 18.6	2280 1562	1357 53.4	3806 149.8	1661 65.4	11349 446.8	110 138.6	1637 64.4	7590 2005.3	36.00/5.0 [5.5]	36.00/5.0 [5] 38.00/5.0 [5.5] 38.00/5.0 [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)	TRANSPORT		
STANDARD	90000	92500	95000
	198450	203963	209475

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR3 EXTRA LOAD MC4 E4R ***</b> <b>53/80 R 63 TL *** Tubeless</b>	781925 81977	28 17.4	2128 1458	1357 53.4	3806 149.8	1661 65.4	11349 446.8	110 138.6	1637 64.4	7590 2005.3	36.00/5.0 [5.5]	36.00/5.0 [5] 38.00/5.0 [5.5] 38.00/5.0 [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)	TRANSPORT		
STANDARD	90000 198450	92500 203963	95000 209475

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

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR3 EXTRA LOAD MB E4R ***</b>	664323	24	1824	1357	3806	1661	11349	110	1637	7590	36.00/5.0 [5.5]	36.00/5.0 [5]
<b>53/80 R 63 TL *** Tubeless</b>	17762	14.9	1249	53.4	149.8	65.4	446.8	138.6	64.4	2005.3		38.00/5.0 [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>	90000	92500	95000									
	198450	203963	209475									

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR3 EXTRA LOAD MB4 E4R ***</b>	637745	20	1520	1357	3806	1661	11349	110	1637	7590	36.00/5.0 [5.5]	36.00/5.0 [5]
<b>53/80 R 63 TL *** Tubeless</b>	68989	12.4	1041	53.4	149.8	65.4	446.8	138.6	64.4	2005.3		38.00/5.0 [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>	90000	92500	95000									
	198450	203963	209475									

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR C4 E4R **</b>	282261	28	2150	1425	3998	1727	11876	105	1745	9547	41.00/5.0 [6.0]	41.00/5.0 [5.5]
<b>56/80 R 63 Tubeless <sup>(8)</sup></b>	97722	17.4	1473	56.1	157.4	68	467.6	132.3	68.7	2522.3		

<b>Bar</b>	<b>5</b>	<b>5.5</b>	<b>6</b>	<b>6.5</b>	<b>6.7</b>
<b>Psi</b>	<b>73</b>	<b>80</b>	<b>87</b>	<b>94</b>	<b>97</b>

Machine - Use ( kg - lbs)	<b>TRANSPORT</b>											
<b>STANDARD</b>	82920	89460	96000	98900	100000							
	182839	197259	211680	218075	220500							

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR B E4R **</b>	819341	24	1843	1425	3998	1727	11876	105	1745	9547	41.00/5.0 [6.0]	41.00/5.0 [5.5]
<b>56/80 R 63 Tubeless</b>	10039	14.9	1262	56.1	157.4	68	467.6	132.3	68.7	2522.3		

<b>Bar</b>	<b>5</b>	<b>5.5</b>	<b>6</b>	<b>6.5</b>	<b>6.7</b>
<b>Psi</b>	<b>73</b>	<b>80</b>	<b>87</b>	<b>94</b>	<b>97</b>

Machine - Use ( kg - lbs)	<b>TRANSPORT</b>											
<b>STANDARD</b>	82920	89460	96000	98900	100000							
	182839	197259	211680	218075	220500							

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR B4 E4R **</b>	380744	20	1536	1425	3998	1727	11876	105	1745	9547	41.00/5.0 [6.0]	41.00/5.0 [5.5]
<b>56/80 R 63 Tubeless</b>	01625	12.4	1052	56.1	157.4	68	467.6	132.3	68.7	2522.3		

<b>Bar</b>	<b>5</b>	<b>5.5</b>	<b>6</b>	<b>6.5</b>	<b>6.7</b>
<b>Psi</b>	<b>73</b>	<b>80</b>	<b>87</b>	<b>94</b>	<b>97</b>

Machine - Use ( kg - lbs)	<b>TRANSPORT</b>											
<b>STANDARD</b>	82920	89460	96000	98900	100000							
	182839	197259	211680	218075	220500							

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR S C4 E3 **</b>	399372	36	2765	1430	3997	1716	11848	59	1745	10094	41.00/5.0 [6.0]	41.00/5.0 [5.5]
<b>56/80 R 63 Tubeless</b>	61120	22.4	1894	56.3	157.4	67.6	466.5	74.3	68.7	2666.8		

<b>Bar</b>	<b>5</b>	<b>5.5</b>	<b>6</b>	<b>6.5</b>	<b>6.7</b>
<b>Psi</b>	<b>73</b>	<b>80</b>	<b>87</b>	<b>94</b>	<b>97</b>

Machine - Use ( kg - lbs)	<b>TRANSPORT</b>											
<b>STANDARD</b>	82920	89460	96000	98900	100000							
	182839	197259	211680	218075	220500							

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

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR S B E3 **</b> <b>56/80 R 63 Tubeless</b>	536061 35217	32 19.9	2458 1684	1430 56.3	3997 157.4	1716 67.6	11848 466.5	59 74.3	1745 68.7	10094 2666.8	41.00/5.0 [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>Psi</b>	<b>73</b>	<b>80</b>	<b>87</b>	<b>94</b>	<b>97</b>							

Machine - Use (kg - lbs)	<b>TRANSPORT</b>											
<b>STANDARD</b>	82920 182839	89460 197259	96000 211680	98900 218075	100000 220500							

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR2 MC4 E4R **</b> <b>56/80 R 63 Tubeless</b>	194258 00526	28 17.4	2150 1473	1421 55.9	4015 158.1	1735 68.3	11930 469.7	110 138.6	1745 68.7	9404 2484.5	41.00/5.0 [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>Psi</b>	<b>73</b>	<b>80</b>	<b>87</b>	<b>94</b>	<b>97</b>							

Machine - Use (kg - lbs)	<b>TRANSPORT</b>											
<b>STANDARD</b>	82920 182839	89460 197259	96000 211680	98900 218075	100000 220500							

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR2 C4 E4R **</b> <b>56/80 R 63 Tubeless <sup>(8)</sup></b>	509256 06285	28 17.4	2150 1473	1421 55.9	4015 158.1	1735 68.3	11930 469.7	110 138.6	1745 68.7	9404 2484.5	41.00/5.0 [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>Psi</b>	<b>73</b>	<b>80</b>	<b>87</b>	<b>94</b>	<b>97</b>							

Machine - Use (kg - lbs)	<b>TRANSPORT</b>											
<b>STANDARD</b>	82920 182839	89460 197259	96000 211680	98900 218075	100000 220500							

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR2 B E4R **</b> <b>56/80 R 63 Tubeless</b>	034330 06559	24 14.9	1843 1262	1421 55.9	4015 158.1	1735 68.3	11930 469.7	110 138.6	1745 68.7	9404 2484.5	41.00/5.0 [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>Psi</b>	<b>73</b>	<b>80</b>	<b>87</b>	<b>94</b>	<b>97</b>							

Machine - Use (kg - lbs)	<b>TRANSPORT</b>											
<b>STANDARD</b>	82920 182839	89460 197259	96000 211680	98900 218075	100000 220500							

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR2 B4 E4R **</b> <b>56/80 R 63 Tubeless</b>	981620 06474	20 12.4	1536 1052	1421 55.9	4015 158.1	1735 68.3	11930 469.7	110 138.6	1745 68.7	9404 2484.5	41.00/5.0 [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>Psi</b>	<b>73</b>	<b>80</b>	<b>87</b>	<b>94</b>	<b>97</b>							

Machine - Use (kg - lbs)	<b>TRANSPORT</b>											
<b>STANDARD</b>	82920 182839	89460 197259	96000 211680	98900 218075	100000 220500							

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR B E4R **</b> <b>59/80 R 63 Tubeless <sup>(8)</sup></b>	443800 99985	24 14.9	1901 1302	1503 59.2	4028 158.6	1732 68.2	11946 470.3	116 146.1	1834 72.2	10160 2684.3	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 220500	102100 225131	104000 229320									

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

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR B4 E4R **</b> <b>59/80 R 63 Tubeless <sup>(8)</sup></b>	037664 60149	20 12.4	1584 1085	1503 59.2	4028 158.6	1732 68.2	11946 470.3	116 146.1	1834 72.2	10160 2684.3	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 220500	102100 225131	104000 229320									

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR S C4 E3 **</b> <b>59/80 R 63 Tubeless</b>	784092 99387	32 19.9	2535 1736	1501 59.1	4028 158.6	1734 68.3	11951 470.5	71 89.4	1834 72.2	10600 2800.5	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 220500	102100 225131	104000 229320									

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR S B E3 **</b> <b>59/80 R 63 Tubeless <sup>(8)</sup></b>	364848 18507	28 17.4	2218 1519	1501 59.1	4028 158.6	1734 68.3	11951 470.5	71 89.4	1834 72.2	10600 2800.5	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 220500	102100 225131	104000 229320									

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR2 MC4 E4R **</b> <b>59/80 R 63 Tubeless</b>	841736 15044	28 17.4	2218 1519	1503 59.2	4028 158.6	1742 68.6	11971 471.3	118 148.7	1834 72.2	10060 2657.9	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 220500	102100 225131	104000 229320									

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR2 C4 E4R **</b> <b>59/80 R 63 Tubeless <sup>(8)</sup></b>	621230 25939	28 17.4	2218 1519	1503 59.2	4028 158.6	1742 68.6	11971 471.3	118 148.7	1834 72.2	10060 2657.9	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 220500	102100 225131	104000 229320									

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR2 B E4R **</b> <b>59/80 R 63 Tubeless</b>	382280 22915	24 14.9	1901 1302	1503 59.2	4028 158.6	1742 68.6	11971 471.3	118 148.7	1834 72.2	10060 2657.9	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 220500	102100 225131	104000 229320									

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

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR2 B4 E4R **</b> <b>59/80 R 63 Tubeless</b>	441191 76809	20 12.4	1584 1085	1503 59.2	4028 158.6	1742 68.6	11971 471.3	118 148.7	1834 72.2	10060 2657.9	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 220500	102100 225131	104000 229320									

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR2 S C4 E3 **</b> <b>59/80 R 63 Tubeless</b>	416409 68652	32 19.9	2535 1736	1495 58.9	4029 158.6	1734 68.3	11954 470.6	72 90.7	1834 72.2	10640 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 220500	102100 225131	104000 229320									

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR2 S B E3 **</b> <b>59/80 R 63 Tubeless</b>	532463 32399	28 17.4	2218 1519	1495 58.9	4029 158.6	1734 68.3	11954 470.6	72 90.7	1834 72.2	10640 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 220500	102100 225131	104000 229320									

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR3 MC4 E4R **</b> <b>59/80 R 63 Tubeless</b>	502804 83942	28 17.4	2240 1534	1467 57.8	4030 158.7			110 138.6	1834 72.2	9840 2599.7	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 220500	102100 225131	104000 229320									

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR3 MC4 E4R **</b> <b>59/80 R 63 Tubeless</b>	502804 83942	28 17.4	2150 1473	1435 56.5	4030 158.7	1743 68.6	11977 471.5	110 138.6	1745 68.7	9568 2527.9	41.00/5.0 [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>Psi</b>	<b>73</b>	<b>80</b>	<b>87</b>	<b>94</b>	<b>97</b>

Machine - Use (kg - lbs)	<b>TRANSPORT</b>											
<b>STANDARD</b>	82920 182839	89460 197259	96000 211680	98900 218075	100000 220500							

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR3 MB E4R **</b> <b>59/80 R 63 Tubeless</b>	774172 20068	24 14.9	1920 1315	1467 57.8	4030 158.7			110 138.6	1834 72.2	9840 2599.7	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 220500	102100 225131	104000 229320									

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

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR3 MB4 E4R **</b> <b>59/80 R 63 Tubeless</b>	774172 20068	20 12.4	1843 1262	1435 56.5	4030 158.7	1743 68.6	11977 471.5	110 138.6	1745 68.7	9568 2527.9	41.00/5.0 [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>Psi</b>	<b>73</b>	<b>80</b>	<b>87</b>	<b>94</b>	<b>97</b>

Machine - Use (kg - lbs)	<b>TRANSPORT</b>											
<b>STANDARD</b>	82920 182839	89460 197259	96000 211680	98900 218075	100000 220500							

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR3 MB4 E4R **</b> <b>59/80 R 63 Tubeless</b>	430321 73530	20 12.4	1600 1096	1467 57.8	4030 158.7	1742 68.6	11974 471.4	110 138.6	1834 72.2	9840 2599.7	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 220500	102100 225131	104000 229320									

COMMERCIAL DESCRIPTION	CAI MSPN	Max. dist./hour km mile	TKPH <sup>(1)</sup> TMPH	e mm inch	D mm inch	R' mm inch	RC mm inch	Tread depth mm 32rd	Dual Spacing mm inch	Cap. litre gallon	Measuring <sup>(2) (3)</sup> Recommended Rim	Other Approved <sup>(2) (3)</sup> Rims
<b>XDR3 MB4 E4R **</b> <b>59/80 R 63 Tubeless</b>	430321 73530	20 12.4	1536 1052	1435 56.5	4030 158.7			110 138.6	1745 68.7	9568 2527.9	41.00/5.0 [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>Psi</b>	<b>73</b>	<b>80</b>	<b>87</b>	<b>94</b>	<b>97</b>							

Machine - Use (kg - lbs)	<b>TRANSPORT</b>											
<b>STANDARD</b>	82920 182839	89460 197259	96000 211680	98900 218075	100000 220500							

**NOTES**

**NOTES**

## EARTHMOVER TYRES

**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 tyre 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® tyres are designed for a specific use as defined in this catalogue. 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 tyre 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 tyres or any use different from the tyre's intended design in the absence of express written permission (derogation) from an authorised Michelin Representative.**

Further, correct usage and maintenance are necessary to achieve proper performance and to maximise 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, tyre 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 normalised 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 tyres comply with internationally accepted standards that are established by TRA (Tyre and Rim Association), ETRTO (European Tyre and Rim Technical Organisation), JATMA (Japan Automobile Tyre 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.

### **SPECIFIC APPLICATIONS**

Please note that tyres for mechanical handling equipment used in areas where there is a high risk of fire or explosion, such as the chemical and petrochemical industries, must meet certain standards concerning their electrical resistivity. When the electrical resistance measured according to ISO 16292 or WDK 110 standards is lower than  $10^6$  Ohms, then the tyre is called 'dissipative' and its sidewall features the following symbol.



### **PERFORMANCE**

Any and all tyre performance claims or comparisons contained herein are for informational purposes only to aid in the selection of a tyre 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 TYRES

### GENERAL INFORMATION

#### COMPARISON BETWEEN BIAS AND RADIAL TYRES

THE MICHELIN® X® RADIAL  
BIAS OR CROSS-PLY CONSTRUCTION

PAGE 135  
PAGE 135  
PAGE 135

#### ADVICE AND RECOMMENDATIONS ON THE USE OF MICHELIN EARTHMOVER TYRES

CHOICE OF TYRE  
USE OF TYRES  
FITTING  
OPERATING PRESSURE  
STORAGE AND MAINTENANCE  
MACHINE CHECKS AND MAINTENANCE  
PRODUCT LIFE  
EXPLANATION OF THE DIFFERENT MEASUREMENTS  
READING GUIDE FOR LOAD, PRESSURE AND USE TABLES

PAGE 136  
PAGE 136  
PAGE 136  
PAGE 137  
PAGE 138  
PAGE 138  
PAGE 139  
PAGE 140  
PAGE 141  
PAGE 141

#### CLASSIFICATION OF MICHELIN TYRES

ACCORDING TO THEIR ASPECT RATIO  
ACCORDING TO THE STANDARDISED USAGE (ISO-ETRTO-TRAJATMA\*)  
ACCORDING TO THEIR TREAD DEPTHS  
SUMMARY

PAGE 142  
PAGE 142  
PAGE 143  
PAGE 143  
PAGE 143

#### TYRE MARKINGS

#### MICHELIN EARTHMOVER TYRE COMPOUNDS

#### LOAD INDEX-SPEED SYMBOL

LOAD INDEX (LI) AND MAXIMUM LOAD (KG/LB)  
SPEED SYMBOLS

PAGE 144  
PAGE 145  
PAGE 146  
PAGE 146  
PAGE 146

#### EQUIVALENCE OF RESISTANCE INDEX (PR: PLY RATING)

#### TECHNOLOGY OF MICHELIN RADIAL CASING TYRES

#### ADVICE AND RECOMMENDATIONS ON THE USE OF MICHELIN EARTHMOVER TYRES

USE OF TYRES  
EXPLANATION OF THE DIFFERENT USES

PAGE 149  
PAGE 149  
PAGE 149

#### COMPONENTS USED WITH MICHELIN EARTHMOVER TYRES

APPROVED RIMS FOR MICHELIN EARTHMOVER TYRES  
FLAP + TUBE SOLUTION  
EXPLANATION ON THE TUBE AND THE FLAP MARKINGS  
O-RINGS OR CORNER SEALS SOLUTION  
VALVES AND ASSOCIATED ACCESSORIES  
FOR MICHELIN EARTHMOVER TYRES

PAGE 151  
PAGE 151  
PAGE 157  
PAGE 160  
PAGE 161

PAGE 162

#### HELP WITH THE USE OF EARTHMOVER TYRES

MICHELIN EARTHMOVER TYRES FOR TRANSPORT MACHINES  
MICHELIN EARTHMOVER TYRES FOR MOBILE CRANES, SPECIAL  
APPLICATIONS, RAPID INTERVENTION VEHICLES (CIVIL AND MILITARY)  
MICHELIN EARTHMOVER TYRES USED IN DESERT  
AND SIMILAR CONDITIONS  
MICHELIN EARTHMOVER TYRES FOR WORKING MACHINES: SURFACE  
LOADERS IN REHANDLING, PRODUCTION, EXTRACTION AND FACEWORK  
MICHELIN EARTHMOVER TYRES FOR WORKING MACHINES: DOZERS  
MICHELIN EARTHMOVER TYRES FOR WORKING MACHINES: GRADERS  
MICHELIN EARTHMOVER TYRES FOR COMPACTORS  
MICHELIN EARTHMOVER TYRES FOR ROADBUILDING MACHINERY  
(PLANERS, STABILISER MIXERS, PAVERS)  
MICHELIN EARTHMOVER TYRES FOR UNDERGROUND MACHINES

PAGE 166  
PAGE 166

PAGE 167

PAGE 167

PAGE 168

PAGE 169

PAGE 169

PAGE 170

PAGE 170

PAGE 171

#### TYRES FOR TRANSPORT MACHINES: TKPH (TMPH) METHOD

FACTORS TO BE CONSIDERED  
WHEN SELECTING THE MOST APPROPRIATE TYRE:

PAGE 172

PAGE 172

#### MICHELIN EARTHMOVER TYRES FOR TRANSPORT MACHINES K COEFFICIENT CALCULATED AND USED FOR THE TKPH (TMPH) METHOD

#### MICHELIN EARTHMOVER TYRES FOR SPECIFIC USES

APPROXIMATE LOOSE MATERIAL DENSITIES (t/m³)

PAGE 175

PAGE 176

PAGE 176

#### APPROXIMATE LOOSE MATERIAL DENSITIES UNITS OF MEASURE AND CONVERSION TABLES

UNITS OF MEASURE AND CONVERSION TABLES

PAGE 177

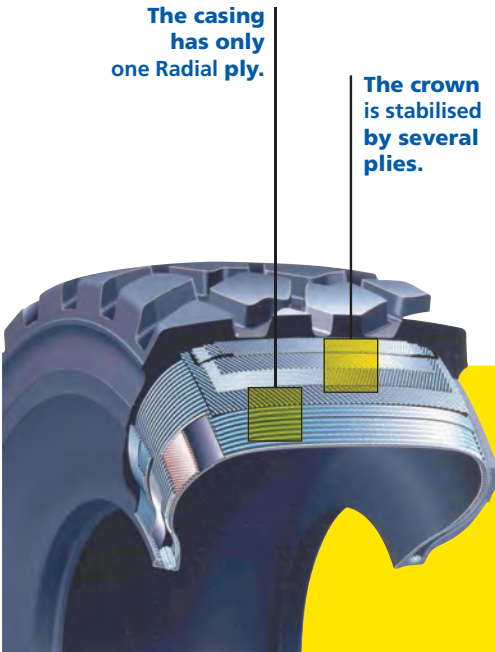
PAGE 177

#### FOOTNOTES & CAUTION

PAGE 178

### COMPARISON BETWEEN BIAS AND RADIAL TYRES

#### THE MICHELIN® X® RADIAL



The casing has only one Radial ply.

The crown is stabilised by several plies.

**The sidewall and tread function separately.**

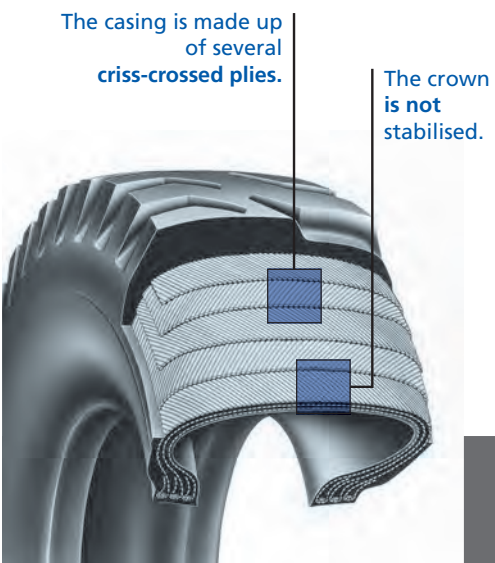
The tread is unaffected by the flexing of the sidewalls, so there is:

- Less deformation of the tyre contact area on the ground
- Less movement in tread contact area
- No movement between casing plies

**Advantages:**

- Long tyre 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 stabilised.

**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 tyre 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 TYRES**

The following information is extracted from the Use and Maintenance Guide of MICHELIN® Earthmover Tyres. For more details, visit our website [www.michelinearthmover.com](http://www.michelinearthmover.com) or contact your Michelin® Representative.



The tyre is the only point of contact between the machine and the ground. Users must ensure that they preserve the life and performance of their tyres. 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 TYRE**

The choice of a tyre must be compliant with legislation and with equipment recommended by the vehicle or tyre manufacturer or by an official organisation (size, load and speed indices, tyre structures, etc.).

Additionally, it is necessary to take into account the conditions in which the tyre 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 tyre.

The use of a tread pattern or a tread pattern inappropriate for the work leads to a sharp reduction in the tyre'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 tyre must be subjected to careful inspection by a specialist tyre professional in order to guarantee the safety of the user and compliance with the regulations in force (Vehicle Checks and Maintenance).

### **USE OF TYRES**

#### **GENERAL RECOMMENDATIONS**

Never use the tyre 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 tyre's performance.

Poor use or wrong choice of tyre can also contribute to premature wearing of certain mechanical parts.

According to the current legislation and/or to the technical or safety recommendations, both tyres 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 tyres with cross-ply (bias) tyres
- Dual mounting of a tyre of normal tread depth with a deep-treaded tyre
- Dual mounting of tyres 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 TYRES

## 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 tyres' full potential to be exploited.

Poor fitting can cause damage to the tyres, 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 tyre fitting is undertaken by a trained tyre professional with proper equipment.

Tube-type tyres must be fitted with an appropriate flap and inner tube.

In all cases, it is essential to refer to the technical instructions of the tyre manufacturer, vehicle manufacturer and wheel manufacturer, as well as the user manual for the tyre-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 stabilised (parking brake engaged, blocks), and motor turned off.

### PRECAUTIONS FOR REMOVAL

#### a) When removing the vehicle wheel

If the tyre is twin-fitted or if the rim shows evidence of damage, **the tyres 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 tyre.

#### b) When the tyre is removed from the vehicle

Completely deflate the tyre before any operation.

### PRECAUTIONS FOR FITTING

- Ensure that the wheel and its components are in good condition
- Verify the compatibility of the tyre and the wheel (wheel authorised for the tyre) 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 tyre 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 tyre to the vehicle, a torque wrench must be used to achieve the optimal torque as specified by the machine manufacturer.

### PRECAUTIONS FOR INFLATING

Tyre inflation is an essential factor, not only for optimisation of tyre performance but also in terms of SAFETY.

It is necessary for correct machine behavior (road holding and braking) as well as maintaining the tyre'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 tyre 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 TYRES

## OPERATING PRESSURE

The inflation pressure must follow the manufacturer's recommended inflation pressure.

In the absence of real data used to determine the tyre 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 tyre (ground conditions, cycle lengths, transported materials, etc.).

Underinflation or overinflation can significantly affect tyre performance.

Running underinflated causes an abnormal rise in temperature of the tyre and can cause the degradation of its components. This degradation is irreversible and may lead to damage of the tyre, causing rapid deflation. The consequences of running with insufficient pressure are not necessarily immediate and may appear even after rectification of the tyre inflation pressure.

## STORAGE AND MAINTENANCE



Tyres are rubber-based and are affected by conditions of storage and use.

Storage does not adversely affect the life of the tyre, 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 tyre 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 tyre is not lifted directly by the bead with a crane hook.
- 2 - Flat straps are used (not steel slings or chains).
- 3 - The tyre 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 tyres 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 tyres

For more information, especially for terms and conditions of storage and height stacking of the tyres, see Chapter 3 of the Use and Maintenance Guide.

# ADVICE AND RECOMMENDATIONS ON THE USE OF MICHELIN EARTHMOVER TYRES

## MACHINE CHECKS AND MAINTENANCE

### GENERAL RECOMMENDATIONS

Ensure that the machine is stationary and secured before any inspection.

Tyres 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 tyre by a tyre professional. It is the same for any damage to the rim. In all circumstances, do not put a tyre 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 tyre.

This check can be carried out using a tyre 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 tyre must be removed and replaced.

A tyre professional should be consulted if there is abnormal wear or a difference in wear between two tyres on the same axle.

### REPAIR

Not all damage can be repaired.

All repairs must be carried out by a trained and qualified tyre professional.

A qualified tyre professional should perform a detailed inspection of the tyres before repairs can be made. A tyre that has been run underinflated or flat



may have suffered irreversible damage and only an exhaustive check of the interior of the tyre will enable a diagnosis of whether or not the tyre can be put back into use.

Therefore, removal of the tyre is essential in order to assess with certainty its actual condition and the type of repair required.

### PRESSURE

Given that a tyre 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 tyres.

A tyre 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 tyre. 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 tyre pressures are checked when tyres are cold. If they are checked after running, the tyres 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 tyre must never be deflated.

Always respect the equality of pressure between dual tyres.

Inflation with nitrogen is not an exemption from the need to check tyre pressure regularly.

In all circumstances, adhere to the pressures recommended by the machine or tyre manufacturers.



## **ADVICE AND RECOMMENDATIONS ON THE USE OF MICHELIN EARTHMOVER TYRES**

### **PRODUCT LIFE**

Tyres are made from different types of materials and rubber-based components, whose properties are essential to the proper running of the tyre itself. These properties evolve over time.

For each tyre, 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 tyre is subjected during its working life.

These in-use conditions vary so much that it is impossible to predict the life of a tyre with any accuracy. This is why, in addition to regular user checks, it is recommended to have the tyres regularly checked by a qualified tyre professional, who will determine whether the tyre 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.

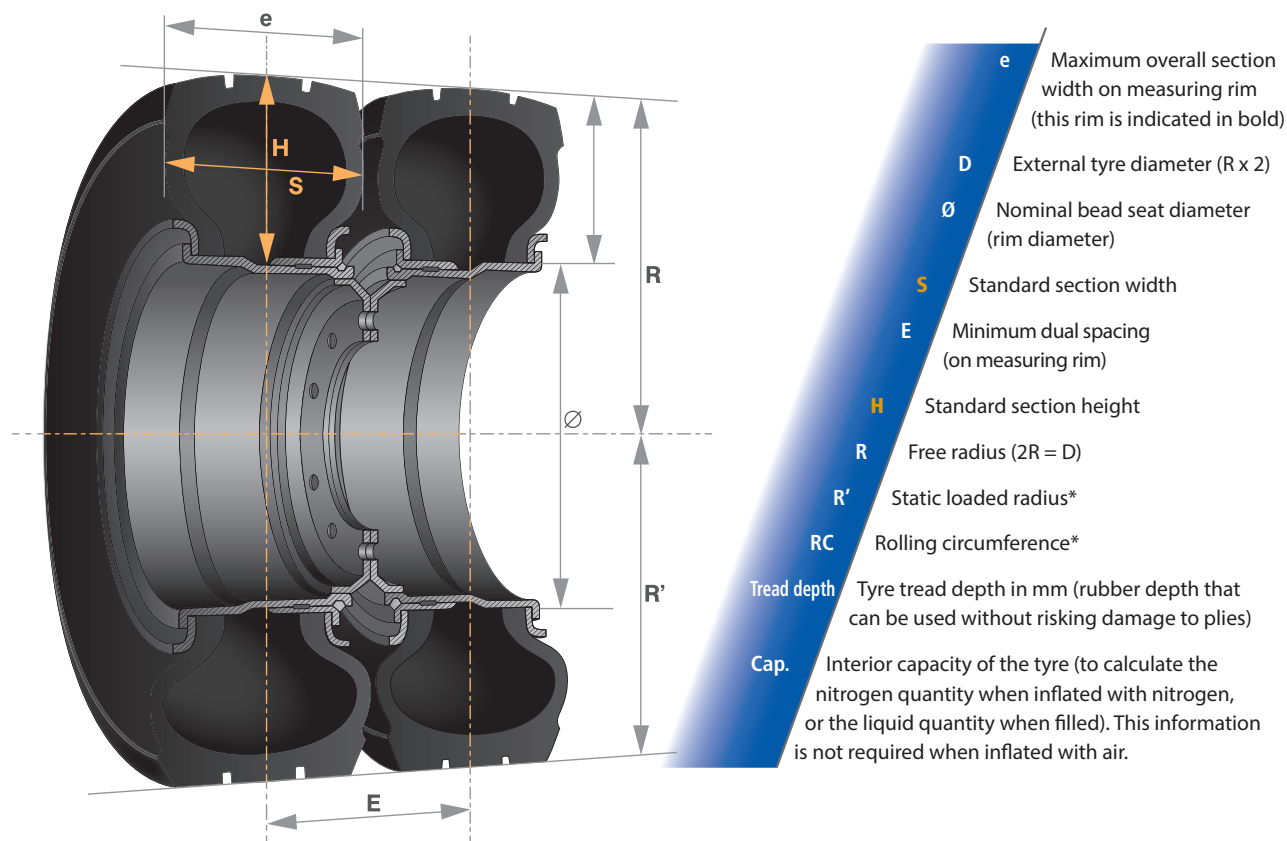
The preceding information is extracted  
from the **USE AND MAINTENANCE GUIDE  
FOR MICHELIN® EARTHMOVER TYRES.**

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 TYRES

## 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

### READING GUIDE FOR PRESSURE, LOAD AND USE TABLES

Remember: the correct pressure for the tyre (on a site and for a job) depends on the working conditions and type of use.

In order to obtain optimum performance from the tyre, it is advised that:

- The machine is weighed under working loads
- The maximum distance allowed per hour for the tyre 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 tyre works in an optimal zone leading to a better balance of performance.

The use of MICHELIN® Earthmover tyres outside the specification of pressure, load and use tables must have a prior technical validation given by your Michelin® Representative.

### CLASSIFICATION OF MICHELIN TYRES

#### ■ ACCORDING TO THEIR ASPECT RATIO

The wide diversity of earthmover machines and their uses requires the development of numerous ranges of tyres.

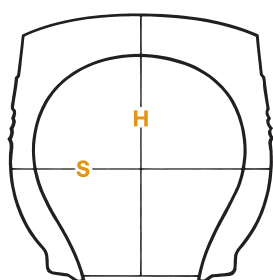
Earthmover tyres differ from those mounted on cars or commercial vehicles by:

- 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 tyres, characterised by their aspect ratio H/S (ratio in % between the height of the sidewall H and the section width of the tyre S).

**H** = standard section height (see page 141) **S** = standard section width (see page 141)

#### • 100 SERIES (STANDARD)



The H/S ratio is approximately equal to 1.

$$\frac{H}{S} = 100 \%$$

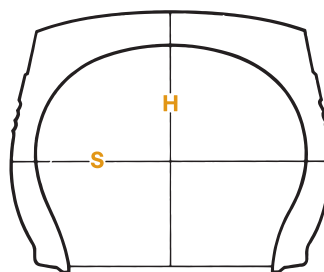
The section width is expressed in inches with two decimal places.

Examples: 18.00 R 33

Tyres for rigid trucks, handling equipment, etc.

The aspect ratio is not indicated in the size designation.

#### • 80 SERIES



The H/S ratio is approximately equal to 0.80.

$$\frac{H}{S} = 80 \%$$

The section width is expressed in inches and fractions of an inch.

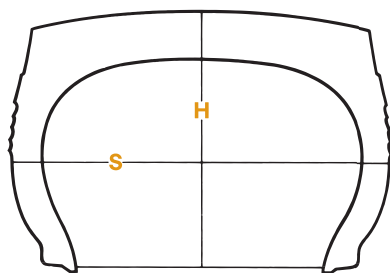
Examples: 8.25 R 15, 20.5 R 25

The aspect ratio is not indicated in the size designation or in inches followed by the number 80

Example: 59/80 R 63

Tyres for rigid trucks, articulated dumpers, loaders, handling equipment, etc.

#### • 65 SERIES



The H/S ratio is approximately equal to 0.65.

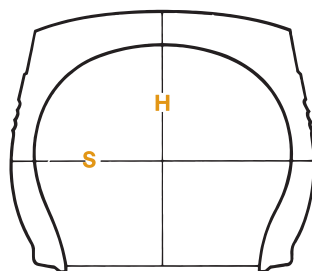
$$\frac{H}{S} = 65 \%$$

The section width is expressed in inches or in millimeters, followed by the number 65.

Examples: 35/65 R 33, 750/65 R 25

Tyres for large loaders, articulated trucks, etc.

#### • 90 SERIES



The H/S ratio is approximately equal to 0.90.

$$\frac{H}{S} = 90 \%$$

The section width is expressed in inches followed by the number 90.

Example: 50/90 R 57

Tyres for rigid trucks

Other series of tyres are also available: 95 series, 75 series, etc.

### CLASSIFICATION OF MICHELIN TYRES

#### ACCORDING TO THE STANDARDISED USAGE (ISO-ETRTO-TRA-JATMA\*)

The four main categories of earthmover tyre are defined by their use. The category to which it belongs is indicated on the sidewall of the tyre.

This is an international classification:

- C** Compactor
- G** Grader
- E** Earthmoving
- L** Loader and bulldozer

\* ISO: International Standard Organisation  
ETRTO: European Tyre and Rim Technical Organisation  
TRA: Tyre and Rim Association  
JATMA: Japan Automobile Tyre Manufacturers Association

Within these categories, there are different tread depths and special tread patterns, for very specific uses.

These are identified by a number.

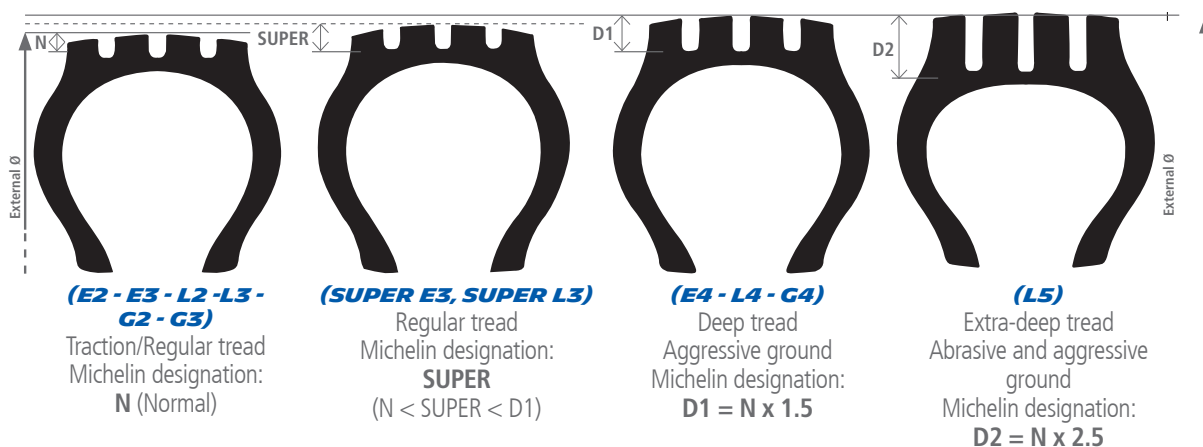
They must be chosen according to the type of ground and the tyre's condition of use.

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 (deep tread)
- 5** Flotation (normal tread)

#### ACCORDING TO THEIR TREAD DEPTHS

The tread depth SUPER, D1, D2 is sometimes indicated on the sidewall tyre.



#### SUMMARY

CODE	TREAD PATTERN	APPLICATION
C1	SMOOTH	Compactor
E1	RIBBED	Transport
E2	TRACTION	
E3	ROCK	
E4	ROCK (deep tread)	
E7	FLOTATION	
G1	RIBBED	Grader
G2	TRACTION	
G3	ROCK	
G4	ROCK (deep tread)	
G5	ROCK (very deep tread)	
L2	TRACTION	Loader Bulldozer
L3	ROCK	
L4	ROCK (deep tread)	
L5	ROCK (very deep tread)	
L3S	SMOOTH	
L4S	SMOOTH (deep tread)	
L5S	SMOOTH (very deep tread)	

In addition, Michelin\* provides complementary identification to some earthmover tyres:  
T = Traction, R = Rock, V = Speed, F = Flotation,  
P = Multi-purpose, S/R = Smooth/Rock  
e.g.: L3T Normal tread depth tyre (L3; Standardised identification code) where traction is needed (T; Michelin code)

### TYRE MARKINGS

#### WHAT YOU CAN LEARN FROM THE SIDEWALL MARKING



#### MICHELIN® X MINE® D2

- 1 Nominal section width of the tyre (in inches): 35
- 2 Tyre series: aspect ratio = 0.65
- 3 Radial construction: R
- 4 Rim diameter (in inches): 33
- 5 Load index of the tyre: \*\*
- 6 Type of use: loader (L) with deep tread (5)
- 7 Radial tyre
- 8 Tyre for loader
- 9 Tubeless tyre
- 10 Manufacturer: Michelin
- 11 Tread pattern: X MINE D2



#### MICHELIN® X-CRANE +®

- Radial construction
- Nominal section width of the tyre (in mm): 525
- Tyre series: aspect ratio = 0.80
- Rim diameter (in inches): 25
- Tubeless
- Brand: Michelin
- Tread pattern: X-CRANE +
- 12 Load index of the tyre: 170
- 13 Reference speed symbol of the tyre: F
- 14 Regroovable

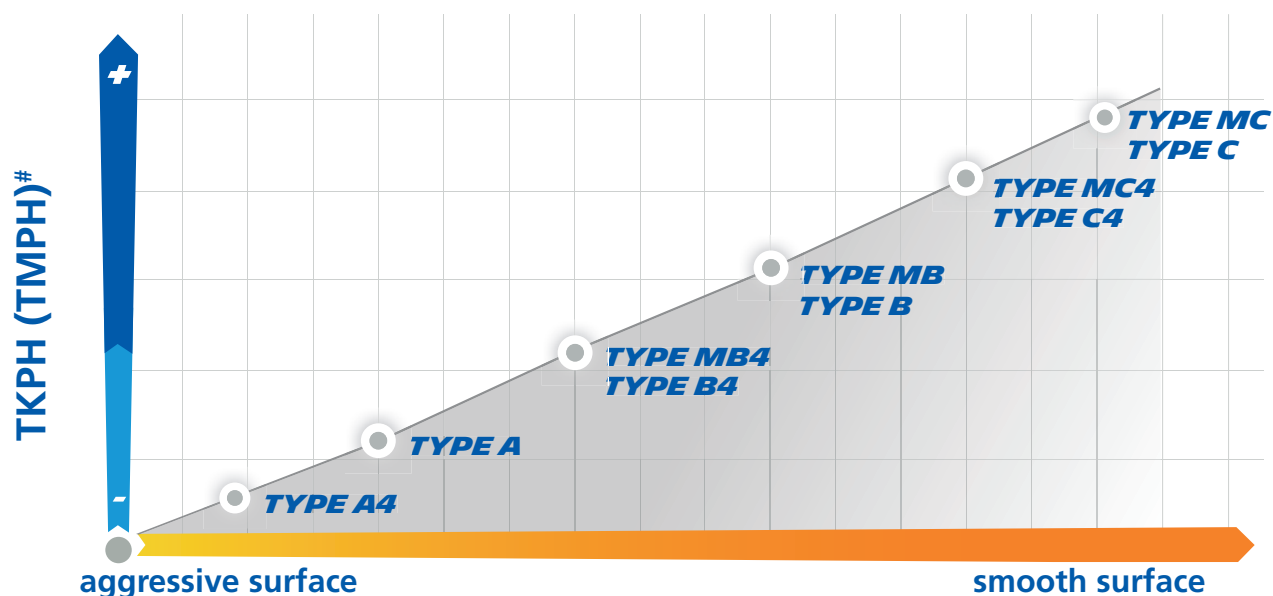


#### MICHELIN® XDR® 2

- Radial construction
- Nominal section width of the tyre (in inches): 37
- Rim diameter (in inches): 57
- Tubeless
- Brand: Michelin
- 15 Tyre compound: B4 (explanation page 145)
- Tread pattern: XDR 2
- Identification code: E4 (transport, deep tread)
- Load capacity: \*\*

## MICHELIN EARTHMOVER TYRE 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	



TKPH: Ton kilometre per hour  
TMPH: Ton mile per hour  
(#) see page 172



### LOAD INDEX–SPEED SYMBOL

Some tyres 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 tyre can carry at the speed corresponding to its speed symbol, under specified conditions.

LI	MAXIMUM LOAD		LI	MAXIMUM LOAD		LI	MAXIMUM LOAD		LI	MAXIMUM LOAD		LI	MAXIMUM LOAD	
	KG	LB		KG	LB		KG	LB		KG	LB		KG	LB
120	1 400	3 090	150	3 350	7 390	180	8 000	17 640	210	19 000	41 890	240	45 000	99 210
121	1 450	3 200	151	3 450	7 610	181	8 250	18 190	211	19 500	43 000	241	46 250	101 960
122	1 500	3 310	152	3 550	7 830	182	8 500	18 740	212	20 000	44 100	242	47 500	104 720
123	1 550	3 420	153	3 650	8 050	183	8 750	19 290	213	20 600	45 420	243	48 750	107 470
124	1 600	3 530	154	3 750	8 270	184	9 000	19 840	214	21 200	46 750	244	50 000	110 250
125	1 650	3 640	155	3 875	8 540	185	9 250	20 390	215	21 800	48 070	245	51 500	113 540
126	1 700	3 750	156	4 000	8 820	186	9 500	20 940	216	22 400	49 390	246	53 000	117 950
127	1 750	3 860	157	4 125	9 090	187	9 750	21 500	217	23 000	50 700	247	54 500	120 150
128	1 800	3 970	158	4 250	9 370	188	10 000	22 050	218	23 600	52 040	248	56 000	123 480
129	1 850	4 080	159	4 375	9 650	189	10 300	22 710	219	24 300	53 580	249	58 000	127 890
130	1 900	4 190	160	4 500	9 920	190	10 600	23 370	220	25 000	55 120	250	60 000	132 300
131	1 950	4 300	161	4 625	10 200	191	10 900	24 030	221	25 750	56 780	251	61 500	135 580
132	2 000	4 410	162	4 750	10 470	192	11 200	24 690	222	26 500	58 430	252	63 000	138 890
133	2 060	4 540	163	4 875	10 750	193	11 500	25 360	223	27 250	60 070	253	65 000	143 300
134	2 120	4 670	164	5 000	11 020	194	11 800	26 020	224	28 000	61 740	254	67 000	147 710
135	2 180	4 810	165	5 150	11 350	195	12 150	26 790	225	29 000	63 940	255	69 000	152 120
136	2 240	4 940	166	5 300	11 690	196	12 500	27 560	226	30 000	66 150	256	71 000	156 530
137	2 300	5 070	167	5 450	12 020	197	12 850	28 330	227	30 750	67 790	257	73 000	160 930
138	2 360	5 200	168	5 600	12 350	198	13 200	29 100	228	31 500	69 460	258	75 000	165 340
139	2 430	5 360	169	5 800	12 790	199	13 600	29 990	229	32 500	71 660	259	77 500	170 660
140	2 500	5 510	170	6 000	13 230	200	14 000	30 870	230	33 500	73 870	260	80 000	176 400
141	2 575	5 680	171	6 150	13 560	201	14 500	31 970	231	34 500	76 070	261	82 500	181 880
142	2 650	5 840	172	6 300	13 890	202	15 000	33 070	232	35 500	78 280	262	85 000	187 390
143	2 725	6 010	173	6 500	14 330	203	15 500	34 180	233	36 500	80 480	263	87 500	192 900
144	2 800	6 170	174	6 700	14 770	204	16 000	35 280	234	37 500	82 690	264	90 000	198 450
145	2 900	6 390	175	6 900	15 210	205	16 500	36 380	235	38 750	85 430	265	92 500	203 920
146	3 000	6 610	176	7 100	15 650	206	17 000	37 480	236	40 000	88 200	266	95 000	209 440
147	3 075	6 780	177	7 300	16 090	207	17 500	38 590	237	41 250	90 940	267	97 500	214 950
148	3 150	6 950	178	7 500	16 530	208	18 000	39 690	238	42 500	93 710	268	100 000	220 500
149	3 250	7 170	179	7 750	17 090	209	18 500	40 790	239	43 750	96 470	269	103 000	227 370

#### SPEED SYMBOLS

The speed symbol indicates the maximum speed at which the tyre 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 tyre marking:

23.5 R 25 X<sup>®</sup>-SUPER TERRAIN TL 185 B; this tyre 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<sup>®</sup> TL 174 F; this tyre 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 tyre.
- Not to exceed the permitted maximum distances in one hour as indicated in the tables of tyre characteristics.
- That, at the time of fitting, the various markings be checked in order to be certain that the tyre 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 tyre by a MICHELIN® Radial tyre.

SIZES AND MARKINGS	WORK MACHINES PR	TRANSPORT MACHINES PR	SIZES AND MARKINGS	WORK MACHINES PR	TRANSPORT MACHINES PR	SIZES AND MARKINGS	WORK MACHINES PR	TRANSPORT MACHINES 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 (174E, 177E, 177F)			35/65 R 33 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 (170E, 170F)			850/65 R 25 (1)			37.00 R 57 ** (1)		
15.00 R 24 (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 (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 TYRES

A tyre's construction is the key to its performance, and outstanding tyre performance is a key competitive advantage for transport and working machines in the earthmover industry.

Earthmoving equipment can achieve outstanding performance by using Radial tyres.

### 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 tyre.

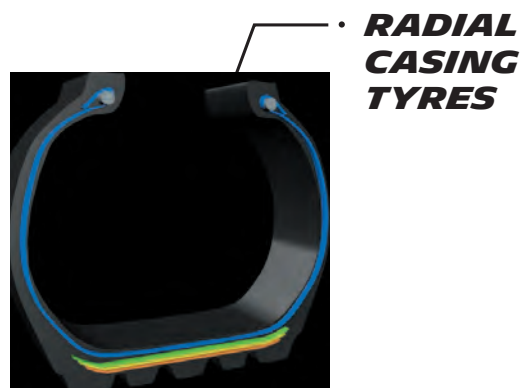
### A UNIQUE CONSTRUCTION WITH NUMEROUS ADVANTAGES

The sidewalls and crown work independently:

- Minimising the deformation of the contact patch and the weight of the tyre
- 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 tyre therefore provides greater comfort with:

- No compromise on stability
- Better resistance to damage and punctures



### TYRE PERFORMANCE LEVELS THAT TRANSFORM MACHINE PERFORMANCE

Michelin invented the Radial design and is an expert in this field. Radial tyres 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, tyre service life, operator safety, etc.

Using a Radial tyre also improves fuel economy and reduces the environmental footprint.

### THE MICHELIN® XHA® 2 TYRE



Two machines are launched at 30 km/h. After disengaging the motor, we measure the distance traveled. The machine equipped with MICHELIN® tyres 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 TYRES

## USE OF TYRES

### FITTING OF TG MICHELIN® EARTHMOVER TYRES (24-INCH DIAMETER)

TG tyres (MICHELIN® XGLA2™, MICHELIN® X-SNOPLUS®) must only be fitted on drop-center and semi drop-center or single-piece wheels.

Do not fit these tyres 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 TYRES

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 tyres 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 tyres 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).

#### Front Tipping

This table is used when the only information available is that of the operating weight and tipping load of the loader (See page 168). This table cannot be used to determine the operating pressure of dimensions 35/65 R 33 and beyond.

#### 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 tyres fitted to underground transport machines.



# ADVICE AND RECOMMENDATIONS ON THE USE OF MICHELIN EARTHMOVER TYRES

## 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 SPECIALISED 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 tyres fitted on vehicles (all-terrain, mobile cranes, intervention vehicles...).

There are two ranges of tyres. 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 tyre 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 kilometric performance, the speed must be limited

to 20 km/h (12.5 mph) if the speed on road is 80 km/h (50 mph)

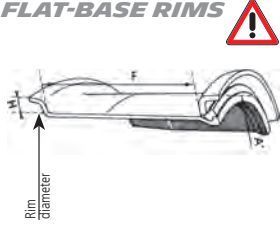
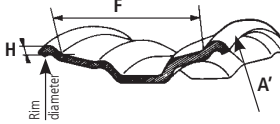
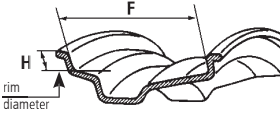
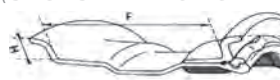
to 15 km/h (9.3 mph) if the speed on road is 65 km/h (40 mph)

After sand use, the pressure must be readjusted for subsequent conditions of use (road or track).

### COMPONENTS USED WITH MICHELIN EARTHMOVER TYRES

#### APPROVED RIMS FOR MICHELIN EARTHMOVER TYRES

Check that the rim support is at least the weight carried by the tyre.

RIM TYPES	RIM DESIGN.	F MM INCHES	H (13) MM INCHES	D (14) MM INCHES		RIM R/A <sup>(**)</sup>	TYRE SIZES	SEAL		
									TL	TT
<b>FLAT-BASE RIMS</b> 	15 - 6.00 S	152.4 6.0	33.3 1.3	387,0	381,0	A	7.50 R 15	None		
	20 - 7.33 V	186.2 7.3	44 1.7	511,2	508,0	A	9.00 R 20 X MINE D2	Tyran (A 20)	NA	2
	20 - 8.00 V	203.2 8.0	44 1.7			A	E 20 (13/80 R 20) Pil XLC		NA	2
	20 - 8.50 V	215.9 8.5	44 1.7			A	E 20 (13/80 R 20) Pil XLC		NA	2
	20 - 9.00 V	228.6 9.0	44 1.7			A	12.00 R 20 X MINE D2		NA	2
	20 - 10.00 V	254 10.0	44 1.7			A	E 20 (13/80 R 20) Pil XLC		NA	2
	20 - 10.00 W	254 10.0	51 2.0			R	16.00 R 20 XZL		2	2
	20 - 11.25	286 11.3	51 2.0			A	14.00 R 20 X MINE D2		2	2
	21 - 18.00	457.2 18.0	38 1.5	511,0		R	16.00 R 20 XZL	None	2	2
	24 - 7.33 V	186.2 7.3	44 1.7	612,8	609,6	A	24 R 21	(OR 6.8-21)		
	24 - 8.00 V	203.2 8.0	44 1.7			A	12.00 R 24 ***	None		
	24 - 8.50 V	216 8.5	44 1.7			A	12.00 R 24 X MINE D2	G25	2	2
	24 - 9.00 V	228.6 9.0	44 1.7			A	12.00 R 24 ***	None		
	24 - 10.00 W	254 10.0	51 2.0			A	12.00 R 24 X MINE D2	G25	2	2
						A	14.00 R 24 ***	None		
<b>15° TAPER DROP CENTER RIMS</b> (DC - DROP CENTER) 	20.5 x 16.00	406.5 16.0	12.7 0.5	520,7		R	14.00 R 24 * TG	None		
	20.5 x 18.00	457 18.0	12.7 0.5			R	15.5 R 25 * L2 - L3			
<b>5° TAPER DROP CENTER RIMS</b> (DC - DROP CENTER) 	24 x 9.00/1.5	228 9.0	38 1.5	614,4		A	15.5 R 25 * L2 - L3			
	25 x 12.00/1.3	305 12.0	33 1.3	635,0		A	17.5 R 25 * L2 - L3			
	25 x 13.00/1.4	330 13.0	36 1.4			A	17.5 R 25 * L2 - L3			
	25 x 14.00/1.3	355 14.0	33 1.3			A	17.5 R 25 * L2 - L3			
	25 x 14.00/1.5	355 14.0	38 1.5			A	17.5 R 25 * L2 - L3			
	635 x 280 CR	280 11.0	43 1.7			A	445/95 R 25 X CRANE +			
<b>5° TAPER SEMI-DROP CENTER RIMS</b> (SDC - SEMI-DROP CENTER) 	24 - 8.00 TG SDC	203 8.0	35.5 1.4	614,4			13.00 R 24 * TG	Heupo (OR 2-25)		
						R	14.00 R 24 * TG			
	24 - 10.00 VA SDC	254 10.0	43 1.7			A R	14.00 R 24 * TG 16.00 R 24 * TG			

\*\* R = Recommended - A = Allowed

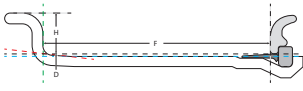
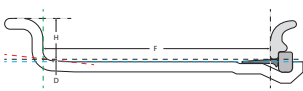


See note page 137 about TG tyre fitment.

### COMPONENTS USED WITH MICHELIN EARTHMOVER TYRES

#### APPROVED RIMS FOR MICHELIN EARTHMOVER TYRES

Check that the rim support is at least the weight carried by the tyre.

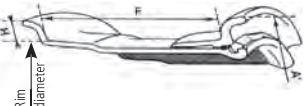
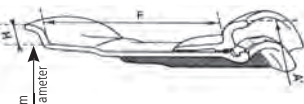
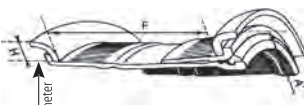
RIM TYPES	RIM DESIGN.	F MM INCHES	H (13) MM INCHES	D (14) MM INCHES	RIM R/A (16)	TYRE SIZES	SEAL		
								TL	TT
<b>5° TAPER BEAD SEAT RIMS</b>  (Removable bead seat, split)	15 - B 6.5	165.1 6.5	38.1 1.5	385,8	385,8	A A	7.50 R 15 8.25 R 15	None	
	15 - 10.50	267 10.5	38 1.5			R A	14.5 R 15 350/65 R 15		
	20 - B 6.5	165.1 6.5	38.1 1.5	512,8	512,8	A	9.00 R 20	Tyrant (A 20)	
	20 - B 7.0	177.8 7.0	38.1 1.5			A	9.00 R 20 X MINE D2		NA 2
	20 - B 7.5	190.5 7.5	43.2 1.7			A	9.00 R 20 X MINE D2		NA 2
	20 - B 8.0	203.2 8.0	43.2 1.7			A	E-20 (13/80 R 20) Pii XLC		NA 2
	20 - B 8.5	216 8.5	45.7 1.8			A	12.00 R 20		
						A	E-20 (13/80 R 20) Pii XLC		NA 2
<b>5° TAPER BEAD SEAT RIMS (ADVANCED RIM)</b>  (Removable bead seat, split)	15 - 5.5	139.7 5.5	30.5 1.2	387,4	387,0	A	7.50 R 15	None	
	15 - 6.0	152.4 6.0	33 1.3			R A	7.50 R 15 8.25 R 15		
	15 - 6.5	165.1 6.5	35.6 1.4			A R	7.50 R 15 8.25 R 15		
	15 - 7.0	177.8 7.0	38 1.5			A A	10.00 R 15 8.25 R 15		
	15 - 7.5	190.5 7.5	40.6 1.6			R	10.00 R 15		
	15 - 11.0	267 10.5	38 1.5			A	14.5 R 15		
	15 - 11.00 BD	267 10.5	36 1.4			A	14.5 R 15		
	15 - 11.50	267 10.5	38 1.5	514,4	514,0	A	14.5 R 15	Tyrant (A 20)	
						R	350/65 R 15		
						R	400/80 R 15		
	20 - 6.5	165.1 6.5	35.6 1.4			A	9.00 R 20 X MINE D2		NA 2
	20 - 7.0	177.8 7.0	38 1.5			R	9.00 R 20 X MINE D2		NA 2
	20 - 7.0 T	177.8 7.0	38.1 1.5			A	9.00 R 20 X MINE D2		NA 2
	20 - 7.5	190.5 7.5	40.6 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 8.0	43.2 1.7			A	12.00 R 20 X MINE D2		NA 2
	20 - 8.0 V	203.0 8.0	44.4 1.7			A	E 20 (13/80 R 20) Pii XLC		NA 2
	20 - 8.5	215.9 8.5	45.7 1.8			R	12.00 R 20 X MINE D2		NA 2
						A	E 20 (13/80 R 20) Pii XLC		NA 2
	20 - 8.5 V	216 8.5	44.4 1.7			A	12.00 R 20 X MINE D2		NA 2
						A	E 20 (13/80 R 20) Pii XLC		NA 2
	20 - 9.0	228.6 9.0	48.3 1.9			A	12.00 R 20 X MINE D2		NA 2
						R	E 20 (13/80 R 20) Pii XLC		NA 2
	20 - 10.0	254 10.0	50.8 2.0			A	E 20 (13/80 R 20) Pii XLC		NA 2
						R	14.00 R 20 X MINE D2		NA 0
	24 - 7.5	190.5 7.5	40.5 1.6	616,0	615,6	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 8.0	43.2 1.7			A	12.00 R 24 ***	None	
						A	12.00 R 24 X MINE D2	G25	NA 2
	24 - 8.5	215.9 8.5	45.7 1.8			R	12.00 R 24 ***	G25	NA 2
							12.00 R 24 X MINE D2		
	24 - 9.0	228.6 9.0	48.3 1.9			A	14.00 R 24 non TG	G25	NA 0
						A	15.00 R 24 Pii	G25	NA 0
	24 - 10.0	254 10.0	50.8 2.0			R	14.00 R 24 non TG	G25	NA 0
						R	15.00 R 24 Pii	G25	NA 0
						R	385/95 R 24		NA 0

\*\* R = Recommended - A = Allowed

### COMPONENTS USED WITH MICHELIN EARTHMOVER TYRES

#### APPROVED RIMS FOR MICHELIN EARTHMOVER TYRES

Check that the rim support is at least the weight carried by the tyre.

RIM TYPES	RIM DESIGN	F MM INCHES	H <sup>(13)</sup> MM INCHES	D <sup>(14)</sup> MM INCHES	RIM R/A <sup>(**)</sup>	TYRE SIZES	SEAL	TL	TT
<b>5° TAPER BEAD SEAT RIMS (3 PIECES)</b> 	24 - 11.25/1.3	286 11.3	33 1.3	616,0	A	385/95 R 24 X CRANE	G25	NA	0
	25 - 10.00/1.5	254 10.0	38 1.5	635,0	R A	14.00 R 25 385/95 R 25	Heupo (OR 2-25)		
	25 - 11.25/1.3	286 11.3	33 1.3		A A	14.00 R 25 385/95 R 25			
	25 - 11.25/2.0 IF <sup>(*)</sup>	284 11.2	51 2.0		A R A	14.00 R 25 16.00 R 25 445/95 R 2	Sulla (OR 3-25)		
	25 - 12.00/1.3	305 12.0	33 1.3		R R	15.5 R 25 385/95 R 25	Heupo (OR 2-25)		
	25 - 13.00/2.5 IF <sup>(*)</sup>	330 13.0	63.5 2.5		R R	18.00 R 25 505/85 R 25	Sulla (OR 3-25)		
	25 - 14.00/1.3	356	33		R	445/80 R 25	Heupo (OR 2-25)		
		14.0	1.3						
	25 - 14.00/1.5	355 14.0	38 1.5		R A	17.5 R 25 445/80 R 25			
	25 - 15.00/3.0 IF <sup>(*)</sup>	381 15.0	76 3.0		R	21.00 R 25	Sulla (OR 3-25)		
	25 - 17.00/1.7	432 17.0	43 1.7		R R	20.5 R 25 * 550/65 R 25	Heupo (OR 2-25)		
	25 - 17.00/2.0 IF <sup>(*)</sup>	432 17.0	51 2.0		A	600/65R25 XLD 65			
					R	20.5 R 25			
					A A	525/80 R 25 550/65 R 25			
					A	600/65R25 XLD 65			
	25 - 19.50/2.5 IF <sup>(*)</sup>	495 19.5	63.5 2.5		R	600/65 R 25 650/65 R 25 660/65 R 25	Sulla (OR 3-25)		
					R	26.5 R 25			
	25 - 22.00/3.0 IF <sup>(*)</sup>	559 22.0	76 3.0		R	650/65 R 25 660/65 R 25 750/65 R 25			
					R	29.5 R 25			
25 - 25.00/3.5 IF <sup>(*)</sup>	635 25.0	89 3.5	R	850/65 R 25					
<b>CR RIMS 3-PIECE FOR CRANES</b> 	25 - 9.50/1.7 CR	241 9.5	43 1.7	635	A	14.00 R 25	Sulla (OR 3-25)		
	25 - 11.00/1.7 CR	279 11.0	43 1.7		A	385/95 R 25			
					A	16.00 R 25			
					A	445/95 R 25			
	25 - 14.00/1.7 CR	355 14.0	43 1.7		A	17.5 R 25			
					A	445/80 R 25			
	25 - 17.00/1.7 CR	432 17.0	43 1.7		A	20.5 R 25			
A					525/80 R 25				
<b>5° TAPER BEAD SEAT RIMS (5 PIECES)</b> 	25 - 10.00/2.0	254 10.0	51 2.0		A	505/85 R 25	Sulla (OR 3-25)		
	25 - 11.25/2.0	284 11.2	51 2.0		A	14.00 R 25			
					R	16.00 R 25			
					A	445/95 R 25			
	25 - 13.00/2.0	330 13.0	51 2.0		A	16.00 R 25			

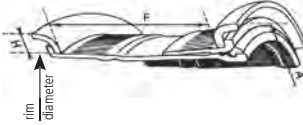
\*\* R = Recommended - A = Allowed

(\*) New wheels have additional marking IF:  
The IF flanges feature an Integrated Flange, suited for Radial tyres.  
The width of the flange is larger.

### COMPONENTS USED WITH MICHELIN EARTHMOVER TYRES

#### APPROVED RIMS FOR MICHELIN EARTHMOVER TYRES

Check that the rim support is at least the weight carried by the tyre.

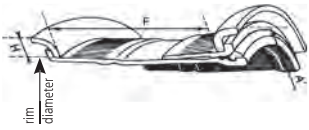
RIM TYPES	RIM DESIGN	F MM INCHES	H <sup>(13)</sup> MM INCHES	D <sup>(14)</sup> MM INCHES	RIM R/A <sup>(11)</sup>	TYRE SIZES	SEAL								
								TL	TT						
<b>5° TAPER BEAD SEAT RIMS (5 PIECES)</b> 	25 - 13.00/2.5	330 13.0	63.5 2.5	635	R	18.00 R 25	Sulla (OR 3-25)								
					R	505/85 R 25									
	25 - 15.00/2.5	381 15.0	63.5 2.5		A	18.00 R 25									
					A	505/85 R 25									
	25 - 15.00/3.0	381 15.0	76 3.0		R	21.00 R 25									
	25 - 17.00/2.0	432 17.0	51 2.0		R	20.5 R 25									
					A	525/80 R 25									
					R	550/65 R 25									
					A	600/65R25 XLD 65									
	25 - 17.00/3.0	432 17.0	76 3.0		A	21.00 R 25									
	25 - 19.50/2.0	495 19.5	51 2.0		A	25/26 R 25									
	25 - 19.50/2.5	495 19.5	63.5 2.5		R	23.5 R 25									
					R	600/65 R 25									
					R	650/65 R 25 660/65 R 25									
					R	660/65 R 25									
	25 - 20.00/2.0	508 20.0	51 2.0		A	25/26 R 25									
	25 - 22.00/3.0	559 22.0	76 3.0		R	26.5 R 25									
					R	650/65 R 25									
					R	660/65 R 25 750/65 R 25									
					A	750/65 R 25									
	25 - 24.00/3.0	610 24.0	76 3.0		R	750/65 R 25									
	25 - 25.00/3.0	635 25.0	76 3.0		R	750/65 R 25									
	25 - 25.00/3.5	635 25.0	89 3.5		R	29.5 R 25									
					R	850/65 R 25									
	25 - 27.00/3.5	687 27.0	89 3.5		A	850/65 R 25									
	29 - 22.00/3.0	559 22.0	76 3.0		737	R				26.5 R 29	Sulky (OR 3-29)				
						A				30/65 R 29					
		29 - 24.00/3.0	610 24.0			76 3.0				R				30/65 R 29	
										A				26.5 R 29	
		29 - 24.00/3.5	610 24.0			89 3.5				A				29.5 R 29	
										A				800/65 R 29	
29 - 25.00/3.5		635 25.0	89 3.5			R	29.5 R 29								
						R	800/65 R 29								
29 - 27.00/3.0		687 27.0	76 3.0			R	875/65 R 29								
	R				875/65 R 29										
29 - 27.00/3.5	686 27.0	89 3.5	R	33.25 R 29											

\*\* R = recommended - A = Allowed

### COMPONENTS USED WITH MICHELIN EARTHMOVER TYRES

#### APPROVED RIMS FOR MICHELIN EARTHMOVER TYRES

Check that the rim support is at least the weight carried by the tyre.

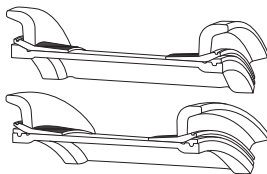
RIM TYPES	RIM DESIGN	F MM INCHES	H <sup>(13)</sup> MM INCHES	D <sup>(14)</sup> MM INCHES	RIM R/A <sup>(**)</sup>	TYRE SIZES	SEAL			
							TL	TT		
<div>5° TAPER BEAD SEAT RIMS (5 PIECES)</div> 	33 - 13.00/2.5	330 13.0	63.5 2.5	838		18.00 R 33	Strix (OR 3-33)			
	33 - 15.00/3.0	381.0 15	76.2 3.0		R	21.00 R 33				
	33 - 28.00/4.0	711 28.0	101.5 4.0		A	33.5 R 33				
	33 - 28.00/3.5	711 28.0	89 3.5		A	35/65 R 33				
	33 - 32.00/4.5	813 32.0	114.5 4.5		R	37.5 R 33				
	35 - 15.00/3.0	381 15.0	76 3.0	889	R	21.00 R 35	Stras (OR 3-35)			
	35 - 17.00/3.0	432 17.0	76 3.0		A	21.00 R 35				
	35 - 17.00/3.5	432 17.0	89 3.5		R	24.00 R 35				
	35 - 25.00/3.5	635 25.0	89 3.5		R	29.5 R 35				
	35 - 27.00/3.5	686 27.0	89 3.5		R	33.25 R 35				
					A	29.5 R 35				
	35 - 29.00/3.5	737 29.0	89 3.5		A	33.25 R 35				
					A	37.25 R 35				
	35 - 31.00/4.0	787 31.0	101.5 4.0		R	37.25 R 35				
	39 - 32.00/4.5	813 32.0	114.5 4.5	991	R	37.5 R 39	Fuodi (OR 3-39)			
					R	40.5/75 R 39				
					A	45/65 R 39				
	45 - 36.00/4.5	914 36.0	114.5 4.5	1143	R	45/65 R 39	Réf. 1580 (OR 3-45)			
					R	45/65 R 45				
	49 - 17.00/3.5	432 17.0	89 3.5	1245	R	24.00 R 49	Heyco (OR 3-49)			
	49 - 19.50/4.0	495 19.5	101.5 4.0		R	27.00 R 49				
	51 - 22.00/4.5	559 22.0	114.5 4.5	1295	R	30.00 R 51	Réf. 1479 (OR 4-51)			
	51 - 24.00/5.0	610 24.0	127 5.0		R	33.00 R 51				
	51 - 26.00/5.0	660 26.0	127 5.0		R	36.00 R 51				

\*\* R = Recommended - A = Allowed

# COMPONENTS USED WITH MICHELIN EARTHMOVER TYRES

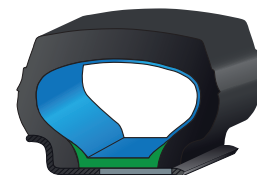
## APPROVED RIMS FOR MICHELIN EARTHMOVER TYRES

Check that the rim support is at least the weight carried by the tyre.

RIM TYPES	RIM DESIGN.	F MM INCHES	H <sup>(13)</sup> MM INCHES	D <sup>(14)</sup> MM INCHES	RIM R/A <sup>(11)</sup>	TYRE SIZES	SEAL		
							TL	TT	
<b>5° TAPER BEAD SEAT RIMS (FROM 6 TO 8 PIECES)</b>  	57 - 27.00/6.0	686 27.0	152 6.0	1448	R	37.00 R 57	Réf. 1481 (OR 4-57)		
	57 - 29.00/6.0	736 29.0	152 6.0		R	40.00 R 57			
					A	37.00 R 57			
					A	50/80 R 57 XDR250			
	57 - 32.00/5.0	813 32.0	127 5.0		A	40.00 R 57			
					A	40.00 R 57			
	57 - 32.00/6.0	813 32.0	152 6.0		R	50/80 R 57 XDR250			
					A	50/80 R 57 XDR			
					A	50/90 R 57			
	57 - 34.00/6.0	863 34.0	152 6.0		A	50/80 R 57 XDR			
	57 - 42.00/5.0	1067 42.0	127 5.0		A	55/80 R 57			
	57 - 44.00/5.0	1117 44.0	127 5.0		A	55/80 R 57			
	57 - 47.00/5.0	1194 47.0	127 5.0		A	60/80 R 57			
	63 - 36.00/5.0	914 36.0	127 5.0	1600	A	53/80 R 63	Réf. 2053 (OR 4-63)		
	63 - 38.00/5.0	965 38.0	127 5.0		A	53/80 R 63			
	63 - 41.00/5.0	1041 41.0	127 5.0		A	55/80 R 63			
					A	56/80 R 63			
	63 - 44.00/5.0[6.0]	1117 44.0	127 5.0		A	59/80 R 63			

\*\* R = Recommended - A = Allowed

### COMPONENTS USED WITH MICHELIN EARTHMOVER TYRES



#### FLAP + TUBE SOLUTION

RIM & Tyre SIZE			FLAPS (FITTING ONLY ON FLAT BASE RIM OR SEMI DROP CENTER RIM 1 OR 2 TAPERED BEADS SEAT 5°) (PACKAGING = 5)		TUBES (FOR RIMS WITH OFFSET HOLE, PLEASE USE CONVENIENT FLAPS AND TUBES)								
RIM Ø (INCHES)	Ø WIDTH RIM RECOM- MENDED (INCHES)	TYRE SIZE	DESCRIPTION	CAI	DESCRIPTION (PACKAGING)	VALVE TYPE	ETRTO / TRA REF.	MI REF.	CAI				
15	5.5	7.50 R 15	15x6.00 E	843437	15/16J (16)	WITHOUT (UPLR R1548)	-	-	101107				
	6.0					SINGLE BEND	V3-02-2	570	101106				
	6.00S					DOUBLE BEND	V3-05-1	1221	101146				
	6.5	8.25 R 15	15x6.00 E	843437	15K (12)	WITHOUT (UPLR R1548)	-	-	101124				
	B6.5					SINGLE BEND	V3-02-9	1156	101128				
	7.0					DOUBLE BEND	V3-05-1	1221	101126				
	8.0	315/70 R 15	15x7.50 E	904287	15P (7)	WITHOUT (UPLR R1548)	-	-	510208				
						TRIPLE BEND	V3-06-5	582	510204				
20	6.5	9.00 R 20	20x7.50 E	320222	20M (9)	WITHOUT (UPLR R1548)	-	-	101149				
	B6.5		20x7.50 EM	627065		SINGLE BEND	V3-02-12	1157	101153				
	7.0T					TRIPLE BEND	V3-06-3	581	101154				
	7.0	E 20 Pilote (13/80 R 20)	20x8.50 E	162318	20P (6)	WITHOUT (UPLR R1548)	-	-	101171				
	B7.0					SINGLE BEND	V3-02-14	1158	101173				
	B7.5		20x8.50 EM	726102		TRIPLE BEND	V3-06-5	582	101174				
	8.0					FIXED	TR78A	TR78A	008811				
	8.0V					12.00 R 20	20x8.50 E	162318	20Q (5)	WITHOUT (UPLR R1548)	-	-	101190
	8.00V									SINGLE BEND	V3-02-15	1138	101185
	8.5						20x8.50 EM	726102		SINGLE BEND	V3-02-14	1158	101192
	B8.5									TRIPLE BEND	V3-06-5	582	101193
	8.50V	14.00 R 20	20x10.00 E	622293	20Q (5)	WITHOUT (UPLR R1548)	-	-	101190				
	9.0					SINGLE BEND	V3-02-15	1138	101185				
	9.00V					SINGLE BEND	V3-02-14	1158	101192				
	10.0					TRIPLE BEND	V3-06-5	582	101193				
	10.00V	16.00 R 20	20x10.00 E	622293	20V (1)	SINGLE BEND	V3-02-3	576	511937				

FOR VALVE TYPE DESCRIPTION, PLEASE REFER TO THE PAGE 162

### COMPONENTS USED WITH MICHELIN EARTHMOVER TYRES

#### FLAP + TUBE SOLUTION

RIM & Tyre SIZE			FLAPS (FITTING ONLY ON FLAT BASE RIM OR SEMI DROP CENTER RIM 1 OR 2 TAPERED BEADS SEAT 5°) (PACKAGING = 5)		TUBES (FOR RIMS WITH OFFSET HOLE, PLEASE USE CONVENIENT FLAPS AND TUBES)				
RIM Ø (INCHES)	Ø WIDTH RIM RECOM- MENDED (INCHES)	TYRE SIZE	DESCRIPTION	CAI	DESCRIPTION (PACKAGING)	VALVE TYPE	ETRTO / TRA REF.	MI REF.	CAI
20.5	16.00 DC	525/65 R 20.5 (20.5 R 20.5)	WITHOUT	-	19.5/20.5UD <sup>(1)</sup> (3)	STRAIGHT	-	1964	101280
	18.00 DC	24 R 20.5	WITHOUT	-	20.5W AMD <sup>(2)</sup> (1)	SINGLE BEND	V5-04-1 TRJ650	1837	101331
21	18.00	24 R 21	WITHOUT	-	21W AM (1)	SINGLE BEND	V5-04-1 TRJ650	1837	101333
24	7.33V 7.5 8.0 8.0V 8.00V 8.5 8.50V	12.00 R 24	24/25x8.50 E	018130	24Q (4)	WITHOUT (UPLR R1548)	-	-	101194
						TRIPLE BEND	V3-06-5	582	101196
	8.00TG SDC 9.00/1.5 DC 10.00 VA SDC	13.00 R 24 XGLA2 TG	-	-	M703 (1)	STRAIGHT	V7-01-1 TR218A	M703	027015
					703 (1)	STRAIGHT	V7-01-1 TR218A	703	171114 KLEBER
	8.00TG SDC 9.00/1.5 DC 10.00 VA SDC	14.00 R 24 XGLA2 TG XSNPLUS TG	-	-	24TD <sup>(3)</sup> (4)	WITHOUT (UPLR R1548)	-	-	101242
						SINGLE BEND	V3-02-4	577	101244
	9.00V 9.0 10.0/2.0 10.00W	14.00 R 24 XKA XKD1	-	-	24/25T (3)	WITHOUT (UPLR R1548)	-	-	514507
						SINGLE BEND	V3-02-17	752	514503
						SINGLE BEND	V3-02-3	576	514500
	9.00V 9.0 10.0/2.0 10.00W	14.00 R 24 XKA XKD1 XSM D2+	-	-	24/25T AM (3)	SINGLE BEND	V5-04-1 TRJ650	1837	101781
	9.00V 9.0 10.0 10.0W	15.00 R 24 (17/80 R 24) XLC C1	-	-	24/25T AM (3)	SINGLE BEND	V5-04-1 TRJ650	1837	101781
	10.00 VA SDC	16.00 R 24 XGLA2 TG	-	-	24/25VD <sup>(4)</sup> (3)	WITHOUT (UPLR R1548)	-	-	101298
						WITHOUT (UPLR R1548)	-	-	514507
	9.00V 9.0 10.0/2.0 10.00W	385/95 R 24 XSNPLUS XMH S	-	-	24/25T (3)	SINGLE BEND	V3-02-17	752	514503
						SINGLE BEND	V3-02-3	576	514500
			-	-	24/25T AM (3)	SINGLE BEND	V5-04-1 TRJ650	1837	101781
	10.00W 10.0 11.25/1.3	385/95 R 24 X-CRANE	-	-	24/25T (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 162

### COMPONENTS USED WITH MICHELIN EARTHMOVER TYRES

#### FLAP + TUBE SOLUTION

RIM & Tyre SIZE			FLAPS (FITTING ONLY ON FLAT BASE RIM OR SEMI DROP CENTER RIM 1 OR 2 TAPERED BEADS SEAT 5°) (PACKAGING = 5)		TUBES (FOR RIMS WITH OFFSET HOLE, PLEASE USE CONVENIENT FLAPS AND TUBES)				
RIM Ø (INCHES)	Ø WIDTH RIM RECOM- MENDED (INCHES)	TYRE SIZE	DESCRIPTION	CAI	DESCRIPTION (PACKAGING)	VALVE TYPE	ETRTO / TRA REF.	MI REF.	CAI
25	10.00/1.5 11.25/1.3	14.00 R 25 XH D1 A	-	-	24/25T (3)	WITHOUT (UPLR R1548)	-	-	514507
						SINGLE BEND	V3-02-17	752	514503
						SINGLE BEND	V3-02-3	576	514500
	10.00/1.5 11.25/1.3	14.00 R 25 XH D1 A	-	-	24/25T AM (3)	SINGLE BEND	V5-04-1 TRJ650	1837	101781
						WITHOUT (UPLR R1548)	-	-	514507
						SINGLE BEND	V3-02-17	752	514503
	9.50/1.7 CR 10.00/1.5 11.25/1.3	385/95 R 25 XSNOLPUS XMH S X-CRANE+	-	-	24/25T AM (3)	SINGLE BEND	V5-04-1 TRJ650	1837	101781
						WITHOUT (UPLR R1548)	-	-	514507
						SINGLE BEND	V3-02-17	752	514503
	12.00/1.3 12.00/1.3 DC 13.00/1.4 DC	15.5 R 25	-	-	25S AM (4)	SINGLE BEND	V5-04-1 TRJ650	1837	101771
						WITHOUT (UPLR R1548)	-	-	514507
						SINGLE BEND	V3-02-17	752	514503
	11.25/2.0 13.00/2.0	16.00 R 25	-	-	24/25V AM (1)	SINGLE BEND	V5-04-1 TRJ650	1837	101811
						WITHOUT (UPLR R1548)	-	-	514507
						SINGLE BEND	V3-02-17	752	514503
	14.00/1.7 CR 14.00/1.5	445/80 R 25	-	-	24/25T AM (3)	SINGLE BEND	V5-04-1 TRJ650	1837	101781
						WITHOUT (UPLR R1548)	-	-	514507
						SINGLE BEND	V3-02-17	752	514503
	11.00/1.7 CR 11.25/2.0	445/95 R 25	-	-	24/25V AM (1)	SINGLE BEND	V5-04-1 TRJ650	1837	101811
						WITHOUT (UPLR R1548)	-	-	514507
						SINGLE BEND	V3-02-17	752	514503
	14.00/1.5	17.5 R 25	-	-	24/25T AM (3)	SINGLE BEND	V5-04-1 TRJ650	1837	101781
						WITHOUT (UPLR R1548)	-	-	514507
						SINGLE BEND	V3-02-17	752	514503
	13.00/2.5 15.00/2.5	18.00 R 25	-	-	25W AM (1)	SINGLE BEND	V5-04-1 TRJ650	1837	101871
						WITHOUT (UPLR R1548)	-	-	514507
						SINGLE BEND	V3-02-17	752	514503
	10.0/2.0 13.00/2.5 15.00/2.5	505/95 R 25	-	-	25W AM (1)	SINGLE BEND	V5-04-1 TRJ650	1837	101871
						WITHOUT (UPLR R1548)	-	-	514507
						SINGLE BEND	V3-02-17	752	514503
	17.00/1.7 17.00/2.0	20.5 R 25	-	-	24/25V AM (1)	SINGLE BEND	V5-04-1 TRJ650	1837	101811
						WITHOUT (UPLR R1548)	-	-	514507
						SINGLE BEND	V3-02-17	752	514503
	17.00/1.7 CR 17.00/2.0	525/80 R 25	-	-	24/25V AM (1)	SINGLE BEND	V5-04-1 TRJ650	1837	101811
						WITHOUT (UPLR R1548)	-	-	514507
						SINGLE BEND	V3-02-17	752	514503
	15.00/3.0	21.00 R 25	-	-	25YB AM (1)	SINGLE BEND	V5-04-1 TRJ650	1837	101346
						WITHOUT (UPLR R1548)	-	-	514507
						SINGLE BEND	V3-02-17	752	514503
	17.00/1.7 17.00/2.0	550/65 R 25	-	-	25W AM (1)	SINGLE BEND	V5-04-1 TRJ650	1837	101871
						WITHOUT (UPLR R1548)	-	-	514507
						SINGLE BEND	V3-02-17	752	514503
	19.5/2.5	23.5 R 25	-	-	25W AM (1)	SINGLE BEND	V5-04-1 TRJ650	1837	101871
						WITHOUT (UPLR R1548)	-	-	514507
						SINGLE BEND	V3-02-17	752	514503
	22.00/3.0 22.00/3.0 IF	26.5 R 25	-	-	25YB AM (1)	SINGLE BEND	V5-04-1 TRJ650	1837	101346
						WITHOUT (UPLR R1548)	-	-	514507
						SINGLE BEND	V3-02-17	752	514503
	25.00/3.5	29.5 R 25	-	-	25YB AM (1)	SINGLE BEND	V5-04-1 TRJ650	1837	101346
						WITHOUT (UPLR R1548)	-	-	514507
						SINGLE BEND	V3-02-17	752	514503

FOR VALVE TYPE DESCRIPTION, PLEASE REFER TO THE PAGE 162

## **COMPONENTS USED WITH MICHELIN EARTHMOVER TYRES**

### **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 tyre into which the tube can be fitted.

(In the first example, the tube may be fitted in 24- and 25-inch tyres. In the second example, the tube may be fitted only in 25 inch tyres).

The first letter corresponds to the section width of the tube (internal width of the tyre).

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 tyres 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 tyre 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 tyres.

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 tyre seat diameter, expressed in inches, with which the flap is to be used.

In this example, the flap may be used with 20-inch tyres.

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 TYRES

#### O-RINGS OR CORNER SEALS SOLUTION

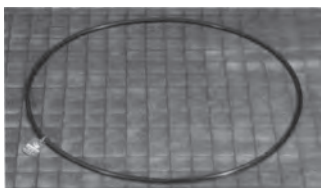
FOR FITTING ON MULTI-PIECES RIMS



#### O-RINGS & CORNER SEALS DESCRIPTION

RIM Ø (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 tyres 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 or for 24" rim 10.00 VA	O-RING	OR 2-25 HEUPO	R 1438	553201	20
For 25" rim in 3 pieces IF or in 3 pieces CR for crane or in 5 pieces or 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.



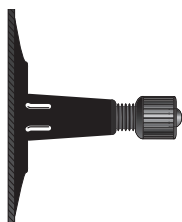
Never reuse O-rings, valve seals or the valves themselves!

### COMPONENTS USED WITH MICHELIN EARTHMOVER TYRES

#### VALVES AND ASSOCIATED ACCESSORIES FOR MICHELIN EARTHMOVER TYRES

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



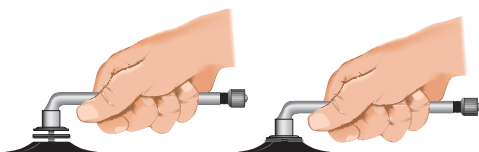
##### VALVE MARKINGS

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.

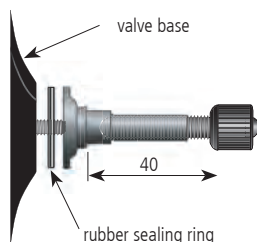


**IMPORTANT: Never unscrew the valve to the desired position.**

**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.

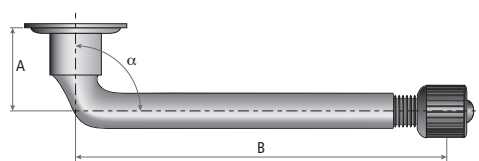
##### SMALL TRUCK, UNIVERSAL STRAIGHT VALVE

Fitted to MICHELIN® tubes for the occasional equipment Tube-Type on 5° and 15° non U taper drop center rim.



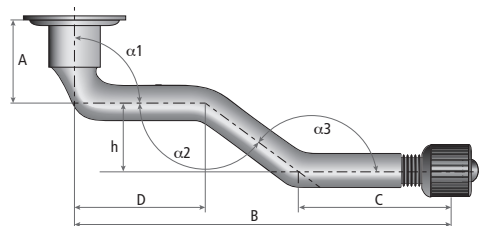
Michelin code	ETRTO code	Valve hole ø in mm	A	
			mm	inches
1964	/	9.7	40	1.57

##### 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



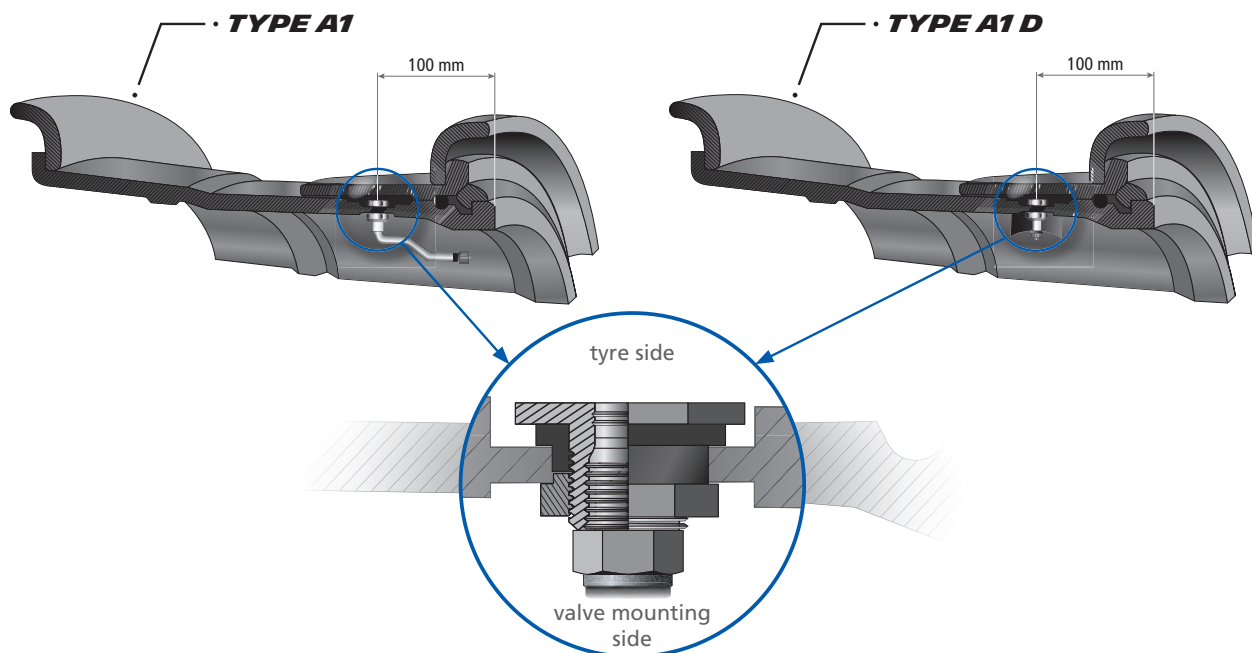
Michelin code	ETRTO code	α1°	α2°	α3°
582	V3-06-5	90	139	139

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 TYRES

#### TYPES OF TUBELESS EARTHMOVER VALVES

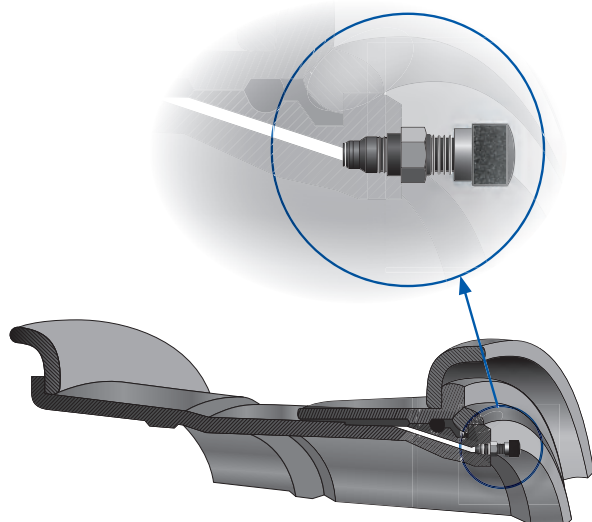
##### VALVE TYPE A1



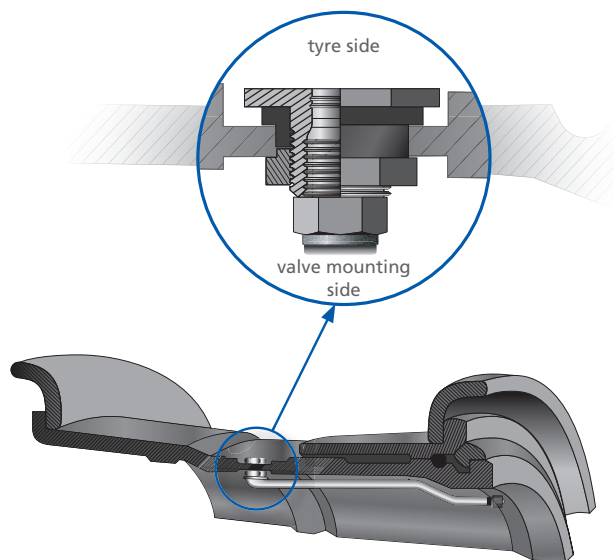
##### VALVE COMBINATION TYPE A4

Comprised of two TYPE A1 valves, both set at 100 mm from the rim edge, to enable water filling.

##### VALVE TYPE A2

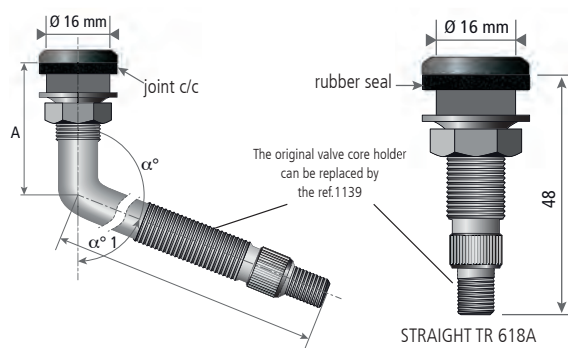


##### VALVE TYPE A3



### COMPONENTS USED WITH MICHELIN EARTHMOVER TYRES

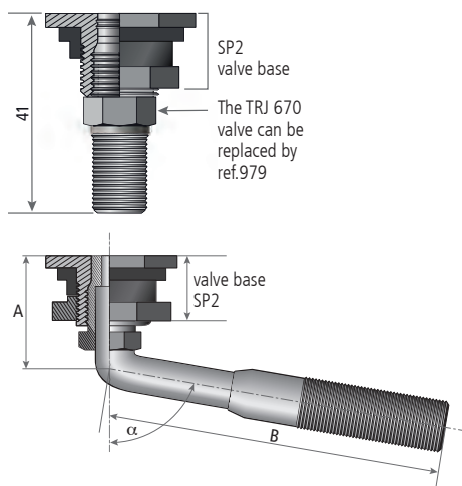
#### AIR AND WATER TUBELESS VALVES, AMERICAN TRA STANDARD



TRA code	ETRTO designation	A		B		$\alpha^\circ$
		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

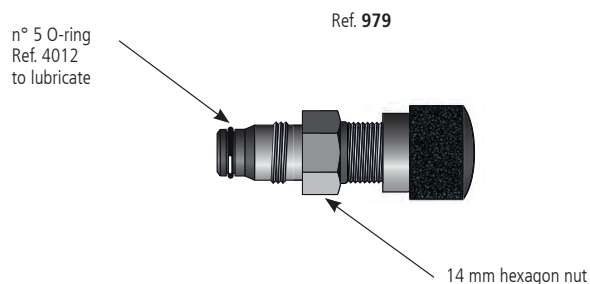
#### EARTHMOVER TUBELESS VALVE (AMERICAN TRA STANDARD)



Michelin code	TRA code	ETRTO designation	A		B		$\alpha^\circ$
			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

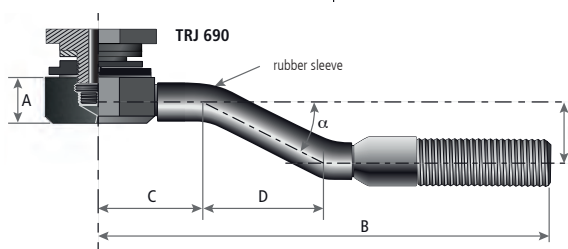
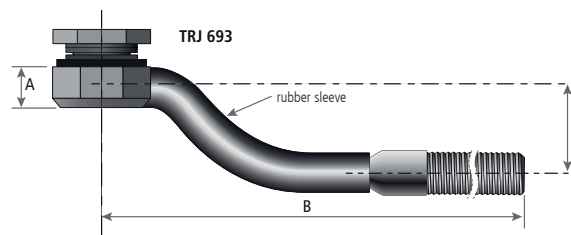
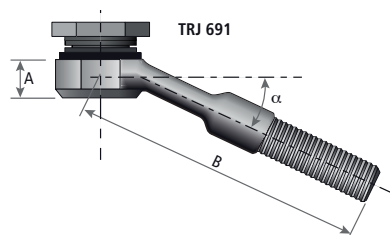


Used with Type A2 rim contour or with SP2 base (may also replace TRJ 670).

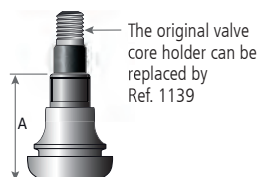
### COMPONENTS USED WITH MICHELIN EARTHMOVER TYRES

#### 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

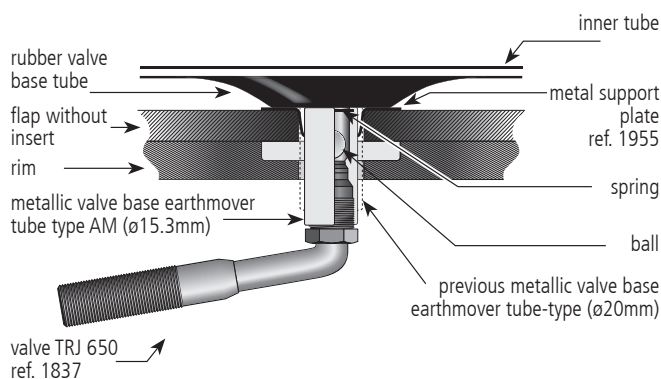


**Caution! Don't use this valve with pressures higher than 4,5 bar.**

#### VALVE BASE

##### ACTUAL VALVAGE

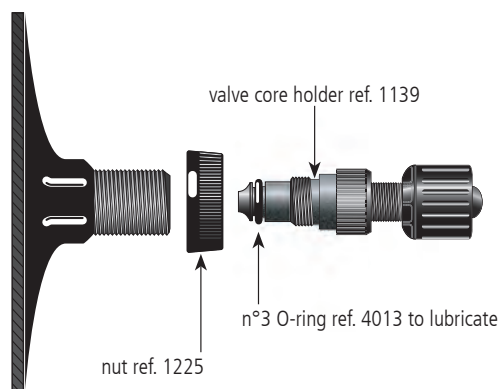
(mounting with tube)



##### AIR AND WATER AGRICULTURAL-TYPE VALVE BASE

Allows tyre to be water-filled.

Valve with core holder 1139 and plastic nut ref. 1225



ref. 1224 code TR 218A

## HELP WITH THE USE OF EARTHMOVER TYRES

### MICHELIN EARTHMOVER TYRES FOR TRANSPORT MACHINES

#### DETERMINING INFLATION PRESSURES

- **Determine** the maximum load on each tyre by weighing.

This is the only way that tyre pressures can be set accurately for optimum performance.

**If it is not possible to weigh the machine, determine the maximum load per tyre 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 tyre weight by dividing the axle load by the number of tyres per axle.
- **Use** the tables Tyre Loads and Pressures for TRANSPORT in the MICHELIN® Earthmover Data Book.

This method applies to the following machine tyres:

Rigid Dump Trucks  
Articulated Dump Trucks  
Bottom Dump Trucks  
Motor Scrapers  
Site Dump Trucks

• **ARTICULATED DUMP TRUCKS**



• **RIGID DUMP TRUCKS**



• **BOTTOM DUMP TRUCKS**



• **MOTOR SCRAPERS**



• **SITE DUMP TRUCKS**



### HELP WITH THE USE OF EARTHMOVER TYRES

#### MICHELIN EARTHMOVER TYRES FOR MOBILE CRANES, SPECIAL APPLICATIONS, RAPID INTERVENTION VEHICLES (CIVIL AND MILITARY)

##### DETERMINING INFLATION PRESSURES

- **Determine** the maximum load on each tyre by weighing
    - By using the machine manufacturer's data, or
    - By weighing each axle.
  - **Calculate** the load per tyre (in the case of a crane, divide the total weight by the number of axles, and divide by the number of tyres per axle).
  - **Use** the tables Tyre Loads and Pressures for CRANES to determine the tyre pressures.
  - In the case of use of tyres 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.



#### MICHELIN EARTHMOVER TYRES USED IN DESERT AND SIMILAR CONDITIONS

These tyres are used on machines that are operated in special conditions, such as sand, desert regions, etc.

Two speed limits are applied to the tyres 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).**

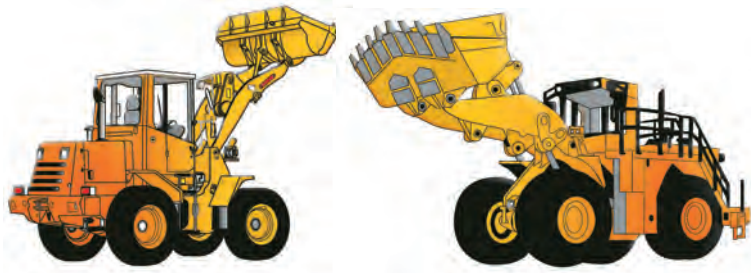
## HELP WITH THE USE OF EARTHMOVER TYRES

### MICHELIN EARTHMOVER TYRES 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 tyre by weighing.
- **Use** the tables Tyre 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 tyre from the axle loads (bucket empty/full) data by the manufacturer.
- **Use** the tables Tyre 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 tyre 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 150.

#### Important

**During long road trips (delivery, transfer from one site to another), special precautions are necessary.**

**For more information, please consult your Michelin Representative.**

### HELP WITH THE USE OF EARTHMOVER TYRES

#### MICHELIN EARTHMOVER TYRES FOR WORKING MACHINES: DOZERS

##### HOW TO CALCULATE INFLATION PRESSURES

Depending on the type of work, tyres 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 tyre.
- **Use** the tables Tyre Loads and Pressures for LOADERS for the Rear Unladen.



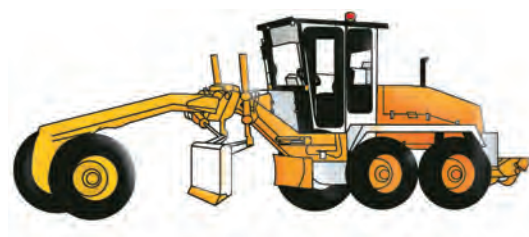
#### MICHELIN EARTHMOVER TYRES FOR WORKING MACHINES: GRADERS

##### 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 Tyre Loads and Pressures for GRADERS

For special work (example: sloping embankments), the inflation pressure should never be lower than 2.5 bar (36 psi).



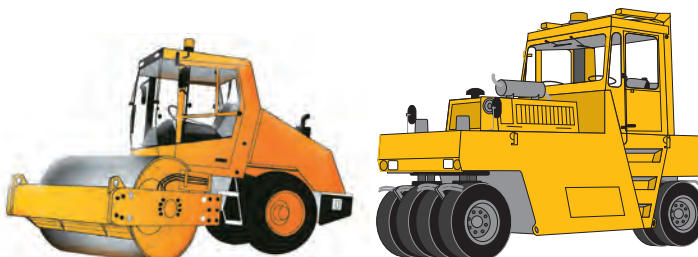
### HELP WITH THE USE OF EARTHMOVER TYRES

#### MICHELIN EARTHMOVER TYRES FOR COMPACTORS

##### XLC TYRES

The tyre 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 Tyre Loads and Pressures for COMPACTORS from the earthmover technical data book.



#### MICHELIN EARTHMOVER TYRES FOR ROADBUILDING MACHINERY (PLANERS, STABILISER MIXERS, PAVERS)



There are no tyres made specifically for this type of machinery.

Tyres 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 tyre has been determined, refer to the load/pressure table which corresponds best to the speed at which the selected tyre is to be used.

**When we determine the tyre pressure in these two cases, we consistently apply the highest pressure.  
This is often pressure "transport."**

##### HOW TO CALCULATE THE LOAD PER TYRE

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 Stabiliser Mixers: Load per axle on pneumatic tyres = 50% of machine weight.

For Pavers: Load per axle on pneumatic tyres = 80% of machine weight/number of axles.

##### LOADED/WORKING MACHINES:

For Cold Planers and Stabiliser Mixers: Load per axle = 50% of machine weight + payload.

For Pavers: Load per axle on pneumatic tyres = 30% machine weight + maximum load of the container bin/number of axles.

## **HELP WITH THE USE OF EARTHMOVER TYRES**

### **MICHELIN EARTHMOVER TYRES FOR UNDERGROUND MACHINES**

#### *HOW TO CALCULATE INFLATION PRESSURES*

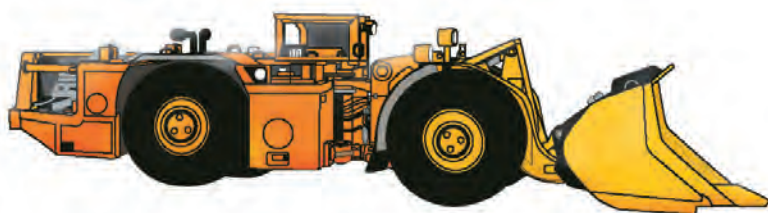
##### **TRANSPORT MACHINES**

- **Determine** the maximum load on each tyre, of each axle, with the machine loaded
  - By calculation, using the machine manufacturer's data, or
  - By weighing each tyre position with the machine loaded.
- **Use** the tables Tyre Loads and Pressures for MINE TRANSPORT.



##### **LOADERS**

Apply the methods used for surface loaders (see the previous pages Chapter MICHELIN® Earthmover Tyres for Working Machines: Surface Loaders).



### TYRES FOR TRANSPORT MACHINES: TKPH (TMPH) METHOD

#### FACTORS TO BE CONSIDERED WHEN SELECTING THE MOST APPROPRIATE TYRE:



##### CHOOSING THE IDEAL TYRE

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 tyre sizes
- The loads the tyres 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

##### TYRE BEHAVIOR

- How are the tyres wearing?
- What are the main reasons for removing a tyre from service?
- Are there sidewall or tread problems?

##### PROBLEMS THAT MAY ARISE

- How does the machine/tyre combination behave? (For example, traction)

##### 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

#### TKPH (TMPH) definition:

The TKPH (Ton Kilometer Per Hour) or TMPH (Ton Mile Per Hour) is an expression of the working capacity of a tyre.

The TKPH (TMPH) is a function of the maximum allowed internal operating temperature of a tyre.

#### TYRE TKPH OR TYRE TMPH

A tyre's TKPH (TMPH) depends on its design and varies according to size and type.

TKPH (TMPH) values are given along with other MICHELIN® tyre characteristics.

It is a function of load and the number of kilometres (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 tyre

$V_m$  = average cycle speed, in km (or miles) per hour

##### AVERAGE LOAD PER TYRE ( $Q_m$ )

Average load per tyre ( $Q_m$ ):

$$Q_m = \frac{Q_c + Q_v}{2}$$



where  $Q_c$  = is the load per tyre in ton (TKPH), or in short ton (TMPH), on a laden vehicle.

$Q_v$  = is the load per tyre in ton (TKPH), or in short ton (TMPH), on an unladen vehicle.

The  $Q_m$  calculation should theoretically be made for each tyre. However, in practice, specific tyre loads are not normally available; therefore, this leads to the assumption that each tyre on the same axle carries an equal load. When calculating the average load per tyre 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 tyres) and 66.7% on the rear axle (twinned tyres).

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 tyre.

### 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 lowers 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  $TA < 38$  °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  $TA > 38$  °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 TYRE 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 tyre's TKPH (TMPH) is greater than the real site TKPH (TMPH): the tyre is suitable for the application.
- The tyre's TKPH (TMPH) is below the real site TKPH (TMPH): the tyre 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 tyre 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 °C (107.6 °F);
- Distribution of total laden weight: Front = 33.3% Rear = 66.7%



### CALCULATION OF QM (AVERAGE TYRE LOAD)

	(TKPH)	(TMPH)
- Gross Vehicle Weight (GVW)	180 + 64 + 57 = 301 tons	198.5 + 70.6 + 62.8 = 332 short tons
- Unladen weight per tyre-Front; Qv:	$\frac{64}{2} = 32$ tons	$\frac{70,6}{2} = 35$ short tons
- Laden weight per tyre-Front; Qc: (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 tyre load, Qm Front:	$\frac{32 + 50}{2} = 41$ tons	$\frac{35 + 55}{2} = 45$ short tons
- Unladen weight per tyre-Rear; Qv:	$\frac{57}{4} = 14$ tons	$\frac{62,8}{4} = 15.5$ short tons
- Laden weight per tyre-Rear; Qc: (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 tyre 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 x Vm	41 x 17 = <b>689</b>	45 x 10,6 = <b>459</b>
-----------------------	----------------------	------------------------

### 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 °C (100 °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 °C (107.6 °F), we find K2 = 1.105

### CALCULATION OF THE K2 COEFFICIENT

In our example, the ambient temperature is 42 °C (107.6 °F). The calculation of the coefficient K2 is as follows:

$$K2 = \frac{1}{1 - \frac{0,40 \times (TA - TR)}{Vm}} = \frac{1}{1 - \frac{0,40 \times (42 - 38)}{16.8}} = 1.105 \quad \quad \quad \frac{1}{1 - \frac{0,138 \times (107.6 - 100)}{10.2}} = 1.114$$

(\*: 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).

$$689 \times 1.19 \times 1.105 = \mathbf{906} \quad \quad \quad 459 \times 1.19 \times 1.114 = \mathbf{608}$$

### TYRE TKPH (TMPH)/REAL SITE TKPH (TMPH) COMPARISON

In the 37.00 R 57 XDR® size	the different tyre TKPH values are:	the different tyre 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 TYRES 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 Km (miles)	Ambient temperature														
	15 °C 59° F	17,5 °C 63.5° F	20 °C 68° F	22,5 °C 72.5° F	25 °C 77° F	27,5 °C 81.5° F	30 °C 86° F	32,5 °C 90.5° F	35 °C 95° F	37,5 °C 99.5° F	40 °C 104° F	42,5 °C 108.5° F	45 °C 113° F	47,5 °C 117.5° F	50 °C 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 TYRES FOR SPECIFIC USES**

1° Firstly, if the dimension exists for your machine and your use, you must use it (example: mechanical handling tyres for handling use; heavy truck tyres 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**

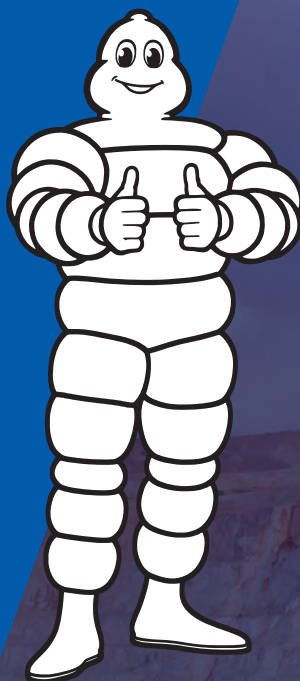
MEASUREMENT	ABBREVIATION	CONVERSION FACTOR	ABBREVIATION	MEASUREMENT	CONVERSION FACTOR	ABBREVIATION
<b>TORQUE</b>						
pound-foot	lb ft	x 0.1383	= m kg	kilogramme metre	x 7.233	= lb ft
kilogramme metre	m kg	x 9.81	= m N	Newton metre	x 0.102	= m kg
<b>LENGTH</b>						
inch	in	x 0.0254	= m	metre	x 39.37	= 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	litre	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 145 & 172 ..... explanation about TKPH (TMPH)
- (2) .....See page 141 ..... 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 149 ..... and in the EARTHMOVER Tyre 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 141, 149, 150, 166 to 176..... explanation of the various tables of load according to the use and to the tyre position and how to determine pressures  
It is imperative to follow the explanation given Not following these instructions may impact tyre 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 tyre 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.

## NOTES



# 2019

October 2019 edition

## **MICHELIN TECHNICAL DATA**

### **EARTHMOVER TYRES**

HEADQUARTERS  
Manufacture Française des Pneumatiques Michelin  
partnership limited by shares with capital of 504 000 004 €  
Registered office: Place des Carmes Déchaux - 63040 CLERMONT-FERRAND Cedex 9 - FRANCE  
Tel.: +33(0)4 73 32 20 00

855 200 507 RCS Clermont-Ferrand



# **MICHELIN**