

MICHELIN® EARTHMOVER PRODUCT CATALOG



- CONSTRUCTION
- COMPACT EQUIPMENT
- MINING
- QUARRY
- SMALL INDUSTRIAL TIRES

MARCH 2022 (NORTH AMERICA EDITION)



ACCORDING TO THE STANDARDIZED USAGE (ISO-ETRTO-TRA-JATMA*)

The four main categories of earthmover tires are defined by their use. The category to which it belongs is indicated on the sidewall of the tire.

This is an international classification:

- C** Compactor
- G** Grader
- E** Earthmoving
- L** Loader and bulldozer

- * **ISO**: International Standard Organization
- ETRTO**: European Tire and Rim Technical Organization
- TRA**: Tire and Rim Association
- JATMA**: Japan Automobile Tire Manufacturers Association

Within these categories, there are different tread depths and special tread patterns, for very specific uses. These are identified by a number.

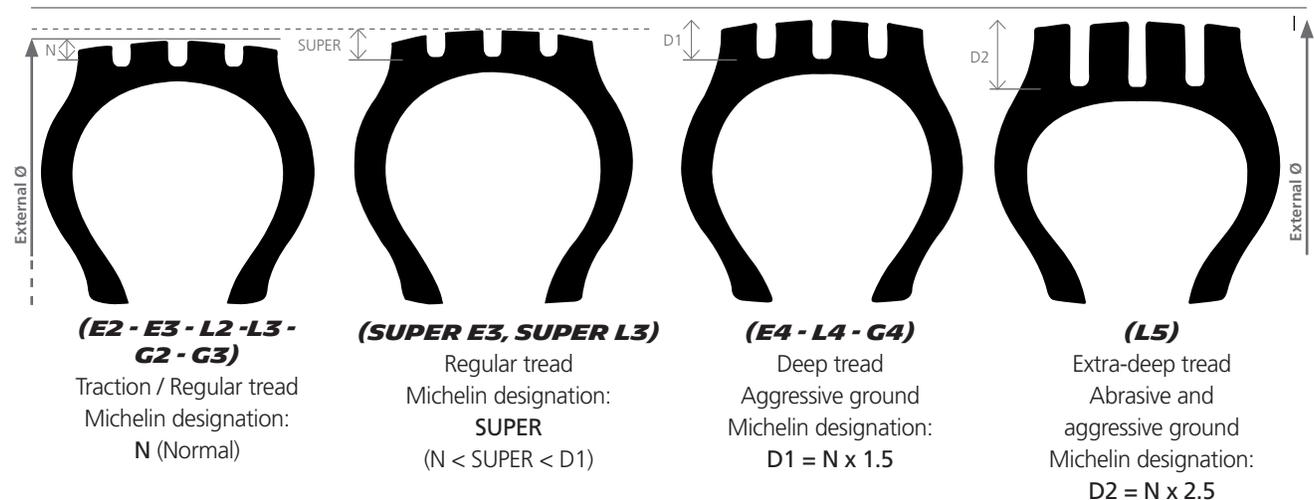
They must be chosen according to the type of ground and the tire's condition of use.

The letter "S" indicates a smooth tread; *example*: L-5S.

- 1** Ribbed (normal tread depth)
- 2** Traction (normal tread depth)
- 3** Normal (normal tread depth)
- 4** Deep (deep tread)
- 5** Extra-Deep (deep tread)

ACCORDING TO THEIR TREAD DEPTHS

The tread depth *SUPER*, *D1*, *D2* is sometimes indicated on the sidewall tire.



SUMMARY

| CODE | TREAD PATTERN | APPLICATION |
|------|--------------------------|---------------------|
| 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 tires: T = Traction, R = Rock, V = Speed, F = Flotation, P = Multipurpose, S/R = Smooth/Rock e.g.: L3T "Normal tread depth tire (L3; Standardized identification code) where traction is needed (T; Michelin code)"

PRODUCT CATALOG

MICHELIN® EARTHMOVER SIZE CHARTS 3-6

LOADER/GRADER

| | |
|-------------------------|----|
| XGLA2 | 8 |
| X SNOPLUS® | 8 |
| XTLA | 8 |
| XHA® 2 | 9 |
| XHA® | 9 |
| XLD® L3 | 10 |
| XTXL® | 10 |
| XLD® D1 | 11 |
| XLD® D2 | 11 |
| X® _{TRA} POWER | 11 |
| X MINE® D2 | 12 |
| X MINE® D2 PRO | 13 |

ADT/SCRAPER

| | |
|--------------------------|----|
| XADN+® | 14 |
| XAD 65 | 14 |
| X®-SUPER TERRAIN + | 14 |
| X® _{TRA} DEFEND | 15 |
| XTS® | 15 |
| XRS® | 15 |
| XMS | 15 |

CRANE/TRANSPORT

| | |
|-----------------|----|
| X-CRANE® AT | 16 |
| X-CRANE® + | 16 |
| XGC | 16 |
| XHD1 | 17 |
| XMH 5 | 17 |
| X SNOPLUS® 170E | 17 |

RIGID DUMP TRUCKS

| | |
|---|----|
| XHDT® | 18 |
| XVC | 18 |
| XDT | 19 |
| X® _{TRA} LOAD ^{PROTECT} | 19 |
| X® _{TRA} LOAD ^{GRIP} | 20 |
| XDR® 2 S | 20 |
| XK® D1 | 20 |
| XDR® 3 | 21 |
| XDR® 3+ | 22 |
| XDR® 3 EXTRA LOAD | 22 |

RIGID DUMP TRUCKS (CON'T)

| | |
|-------------------|----|
| XDR® 250 | 23 |
| XDR® 250+ | 23 |
| XDC® | 23 |
| XD GRIP | 24 |
| XD MINEWORKS | 24 |
| XDR® 4 EXTRA LOAD | 24 |

UNDERGROUND

| | |
|------------------|----|
| XSM® D2+ | 25 |
| XSM® D2+ PRO L5S | 25 |
| XK® | 26 |
| X® UM HAUL | 26 |

INDUSTRIAL AND PORT

| | |
|----------------------|----|
| X® ZM™ | 27 |
| XZM® 2+ | 27 |
| XZM® 2+ ^A | 28 |
| XZR | 28 |
| X-STRADDLE® 2 | 28 |
| X STACKER® 2 | 29 |
| X TERMINAL-T® | 29 |
| X® LC | 29 |

COMPACT EQUIPMENT

| | |
|------------------------|----|
| XMCL® | 30 |
| BIBLOAD® HARD SURFACE | 30 |
| POWER CL™ | 31 |
| XM47 | 31 |
| XM27® | 31 |
| CROSSGRIP | 32 |
| BIBSTEEL® ALL TERRAIN | 32 |
| BIBSTEEL® HARD SURFACE | 33 |
| XF | 33 |

X® TWEEL®

| | |
|--|----|
| X® TWEEL® SSL 2 | 34 |
| X® TWEEL® TURF | 34 |
| X® TWEEL® CASTER | 35 |
| X® TWEEL® GOLF CART AND UTILITY VEHICLES | 35 |
| X® TWEEL® UTV/ATV | 36 |

MICHELIN® EARTHMOVER SIZE CHART

LOADER/GRADER

| | TREAD DESIGN | TRA CODE | TD 32NDS | TD MM |
|-----------|----------------|----------|----------|-------|
| 7.50R15 | X MINE® D2 | L5 | 58 | 46 |
| 8.25R15 | X MINE® D2 | L5 | 61 | 48 |
| 9.00R20 | X MINE® D2 | L5 | 64 | 51 |
| 10.00R15 | X MINE® D2 | L5 | 61 | 48 |
| 12.00R20 | X MINE® D2 | L5 | 72 | 57 |
| 12.00R24 | X MINE® D2 | L5 | 72 | 57 |
| 13.00R24 | XGLA2 | G2,L2 | 31.5 | 25 |
| 14.00R20 | X MINE® D2 | L5 | 61 | 48 |
| 14.00R24 | XGLA2 | G2,L2 | 32 | 25 |
| | X SNOPLUS® | G2,L2 | 30 | 24 |
| 14.5R15 | X MINE® D2 | L5 | 61 | 48 |
| 350/65R15 | X MINE® D2 | L5 | 45 | 36 |
| 400/80R15 | X MINE® D2 | L5 | 43 | 34 |
| 16.00R24 | XGLA2 | G2,L2 | 34 | 27 |
| | XTLA | G2,L2 | 33 | 26 |
| 15.5R25 | XHA® | L3 | 33 | 26 |
| | X SNOPLUS® | G2,L2 | 35 | 28 |
| 17.5R25 | XTLA | G2,L2 | 35 | 28 |
| | XHA® 2 | L3 | 39 | 31 |
| | XLD® D2 | L5 | 79 | 63 |
| | X MINE® D2 PRO | L5 | 82 | 65 |
| 18.00R25 | X MINE® D2 PRO | L5 | 103 | 82 |
| 20.5R25 | X SNOPLUS® | G2,L2 | 39 | 31 |
| | XTLA | G2,L2 | 39 | 31 |
| | XHA® 2 | L3 | 42 | 33 |
| | XLD® D2 | L5 | 91 | 72 |
| | X MINE® D2 PRO | L5 | 93 | 74 |
| 550/65R25 | XLD® L3 | L3 | 40 | 32 |
| 600/65R25 | XLD® L3 | L3 | 43 | 34 |
| 23.5R25 | X SNOPLUS® | G2,L2 | 43 | 34 |
| | XTLA | G2,L2 | 43 | 34 |
| | XHA® 2 | L3 | 45 | 36 |
| | XLD® D2 | L5 | 97 | 77 |
| | X MINE® D2 PRO | L5 | 105 | 83 |
| 650/65R25 | XLD® L3 | L3 | 47 | 37 |
| 26.5R25 | XHA® 2 | L3 | 52 | 41 |
| | XTXL® | L4 | 68 | 54 |
| | XLD® D1 | L4 | 66.8 | 53 |
| | XLD® D2 | L5 | 110 | 87 |
| | X MINE® D2 PRO | L5 | 115 | 91 |
| 750/65R25 | XLD® L3 | L3 | 52 | 41 |
| 775/65R29 | XHA® 2 | L3 | 59 | 47 |
| 29.5R25 | XHA® 2 | L3 | 54 | 43 |
| | XTXL® | L4 | 74 | 59 |
| | XTXL® | E4 | 79 | 63 |
| | XLD® D1 | L4 | 73.1 | 58 |
| | XLD® D2 | L5 | 120 | 95 |
| | X MINE® D2 PRO | L5 | 126 | 100 |
| 875/65R29 | XHA® 2 | L3 | 62 | 49 |
| 29.5R29 | XLD® D2 | L5 | 120 | 95 |
| | X MINE® D2 PRO | L5 | 126 | 100 |
| 35/65R33 | XTXL® | E4 | 79 | 63 |
| | XTXL® | L4 | 76 | 60 |
| | XLD® D1 | L4 | 75.6 | 60 |
| | XLD® D2 | L5 | 122 | 97 |
| | X® TRA POWER | L5 | 107 | 85 |
| | X MINE® D2 | L5 | 126 | 100 |
| 45/65R39 | XLD® D2 | L5 | 145 | 115 |
| | X MINE® D2 | L5 | 146 | 116 |
| 45/65R45 | XLD® D1 | L4 | 90 | 71 |
| | XLD® D2 | L5 | 145 | 115 |
| 50/65R51 | X MINE® D2 | L5 | 146 | 116 |
| | X MINE® D2 SR | L5 | 146 | 116 |
| 55/80R57 | X MINE® D2 HR | L5 | 150 | 119 |
| 60/80R57 | X MINE® D2 SR | L5 | 149 | 118 |
| | X MINE® D2 | L5 | 149 | 118 |

ADT/SCRAPER

| | TREAD DESIGN | TRA CODE | TD 32NDS | TD MM |
|------------|--------------------|----------|----------|-------|
| 23.5R25 | XADN+® | E3 | 48 | 38 |
| | X® TRA DEFEND | E4 | 68 | 54 |
| 26.5R25 | XADN+® | E3 | 50 | 40 |
| | X® TRA DEFEND | E4 | 75 | 60 |
| 29.5R25 | XADN+® | E3 | 55 | 44 |
| | X® TRA DEFEND | E4 | 82 | 65 |
| 650/65R25 | XAD 65 | E3 | 50 | 40 |
| 750/65R25 | XAD 65 | E3 | 54 | 43 |
| | X® TRA DEFEND | E4 | 69 | 55 |
| 800/80R29 | X®-SUPER TERRAIN + | E4 | 84 | 67 |
| 875/65R29 | XAD 65 | E3 | 64 | 51 |
| | X® TRA DEFEND | E4 | 75 | 60 |
| 29.5R29 | XTS® | E3 | 54 | 43 |
| 33.25R29 | XTS® | E3 | 57 | 45 |
| 29.5R35 | XTS® | E3 | 57 | 45 |
| 37.25R35 | XTS® | E3 | 59 | 47 |
| | XRS® | E4 | 67 | 53 |
| 40.5/75R39 | XMS | E3 | 64 | 51 |

INDUSTRIAL AND PORT

| | TREAD DESIGN | TRA CODE | TD 32NDS | TD MM |
|-------------|----------------------|----------|----------|-------|
| 5.00R8 | X® ZM™ | — | 29 | 23 |
| 150/75R8 | X® ZM™ | — | 20 | 16 |
| 180/70R8 | X® ZM™ | — | 24 | 19 |
| 6.00R9 | X® ZM™ | — | 30 | 24 |
| | XZR | — | 13 | 10 |
| 200/75R9 | X® ZM™ | — | 28 | 22 |
| | X® ZM™ | — | 34 | 27 |
| 6.50R10 | XZR | — | 14 | 11 |
| | X® ZM™ | — | 30 | 24 |
| 225/75R10 | X® ZM™ | — | 35 | 28 |
| 7.00R12 | X® ZM™ | — | 14 | 11 |
| | XZR | — | 14 | 11 |
| 250/60R12 | X® ZM™ | — | 33 | 26 |
| 250/75R12 | X® ZM™ | — | 35 | 28 |
| 7.00R15 | X® ZM™ | — | 35 | 28 |
| | X® ZM™ | — | 38 | 30 |
| 7.50R15 | X® LISSE COMPACTEUR™ | C1 | 11 | 9 |
| | X® ZM™ | — | 41 | 33 |
| 8.25R15 | X® ZM™ | — | 31 | 25 |
| 225/75R15 | X® ZM™ | — | 35 | 28 |
| 315/70R15 | X® ZM™ | — | 44 | 35 |
| 355/65R15 | X® ZM™ | — | 44 | 35 |
| 13/80R20 | X® LISSE COMPACTEUR™ | C1 | 15 | 12 |
| 9.00R20 | X® ZM™ | — | 41 | 33 |
| 10.00R20 | X® ZM™ | — | 44 | 35 |
| 11.00R20 | X® ZM™ | — | 48 | 38 |
| 12.00R20 | X® ZM™ | — | 50 | 40 |
| 280/75R22.5 | X TERMINAL-T | — | 39 | 31 |
| 310/80R22.5 | X TERMINAL-T | — | 38 | 30 |
| 12.00R24 | X® ZM™ | — | 50 | 40 |
| 14.00R24 | X® ZM™ | — | 79 | 63 |
| 15.00R24 | X® LC | C1 | 27 | 21 |
| 450/95R25 | X-STRADDLE® 2 | E3 | 63 | 50 |
| 16.00R25 | X® ZM™ | — | 89 | 71 |
| 480/95R25 | X-STRADDLE® 2 | E3 | 63 | 50 |
| 18.00R25 | XZM® 2+ | — | 98 | 78 |
| | X STACKER® 2 | — | 91 | 72 |
| 18.00R33 | XZM® 2+ | — | 98 | 78 |

MICHELIN® EARTHMOVER SIZE CHART

CRANE/TRANSPORT

| | TREAD DESIGN | TRA CODE | TD 32NDS | TD MM |
|-----------|-----------------|----------|----------|-------|
| 385/95R24 | X-CRANE® AT | E2 | 28 | 22 |
| | XMH S | E2 | 30 | 24 |
| | X SNOPLUS® 17OE | E2 | 30 | 24 |
| 385/95R25 | X-CRANE® + | E2 | 29 | 23 |
| | XMH S | E2 | 30 | 24 |
| | X SNOPLUS® 17OE | E2 | 32 | 25 |
| 14.00R25 | XHD1 | E4 | 48 | 38 |
| 445/80R25 | XGC | E2 | 35 | 28 |
| 445/95R25 | X-CRANE® + | E2 | 31 | 25 |
| 525/80R25 | X-CRANE® + | E2 | 35 | 28 |
| 16.00R25 | XHD1 | E4 | 54 | 43 |

UNDERGROUND

| | TREAD DESIGN | TRA CODE | TD 32NDS | TD MM |
|----------|---------------------|----------|----------|-------|
| 12.00R24 | XSM® D2+ | L5S | 72 | 57 |
| | XK® | E3 | 27 | 21 |
| 14.00R24 | XK® | E3 | 30 | 24 |
| 17.5R25 | XSM® D2+ PRO | L5S | 98 | 78 |
| | XK® | L3 | 31 | 25 |
| 18.00R25 | XSM® D2+ PRO | L5S | 121 | 96 |
| | XSM® D2+ | L5S | 97 | 77 |
| 26.5R29 | XSM® D2+ PRO L5S | L5S | 128.5 | 102 |
| 29.5R29 | XSM® D2+ PRO L5S LC | L5S | 126 | 100 |
| 35/65R33 | X MINE® D2 | L5 | 117 | 93 |
| | X® UM HAUL | SH4 | 76 | 60 |

RIGID DUMP TRUCK

| | TREAD DESIGN | TRA CODE | TD 32NDS | TD MM |
|----------|-------------------------------|----------|----------|-------|
| 18.00R25 | XK® D1 | E4 | 59 | 47 |
| | XHDT® | E4 | 59 | 47 |
| 18.00R33 | XVC | E2 | 33 | 26 |
| | X®TRA LOAD ^{PROTECT} | E4 | 79 | 63 |
| | X®TRA LOAD ^{GRIP} | E4 | 75 | 60 |
| 21.00R33 | X®TRA LOAD ^{PROTECT} | E4 | 68 | 54 |
| | X®TRA LOAD ^{GRIP} | E4 | 83 | 66 |
| 21.00R35 | XDT | E4 | 77 | 61 |
| 24.00R35 | XVC | E2 | 38 | 30 |
| | X®TRA LOAD ^{PROTECT} | E4 | 88 | 70 |
| | X®TRA LOAD ^{GRIP} | E4 | 92 | 73 |
| 27.00R49 | XVC | E2 | 42 | 33 |
| | XD MINEWORKS | E4 | 83 | 66 |
| | XD GRIP | E4 | 100 | 79 |
| 33.00R51 | XDR® 3 | E4 | 114 | 90 |
| | XDC® | E3 | 61 | 48 |
| | XDT | E4 | 110 | 87 |
| 36.00R51 | XDR® 3 | E4 | 119 | 94 |
| | XDC® | E3 | 72 | 57 |
| 37.00R57 | XDR® 3 | E4 | 129 | 102 |
| 40.00R57 | XDC® | E3 | 79 | 63 |
| | XDR® 3 | E4 | 124 | 98 |
| | XDR® 3+ | E4 | 124 | 98 |
| 50/80R57 | XDR® 250 | E4 | 118 | 94 |
| | XDR® 250+ | E4 | 118 | 94 |
| 50/90R57 | XDR® 3 | E4 | 124 | 98 |
| 53/80R63 | XDR® 3 | E4 | 139 | 110 |
| | XDR® 3+ | E4 | 139 | 110 |
| | XDR® 3 EXTRA LOAD | E4 | 138 | 110 |
| 59/80R63 | XDR® 2 S | E3 | 91 | 72 |
| | XDR® 3 | E4 | 139 | 110 |
| | XDR® 3+ | E4 | 139 | 110 |
| | XDR® 4 EXTRA LOAD | E4 | | 110 |

MICHELIN® EARTHMOVER SIZE CHART

| COMPACT EQUIPMENT | | | | |
|-------------------|--------------|-------|----------|------------|
| | TREAD DESIGN | MSPN | TD 32NDS | PLY RATING |
| 10R16.5 | BIBSTEEL® AT | 19038 | 25 | 12 |
| | BIBSTEEL® HS | 38281 | 23 | 12 |
| 10.5/80-18 | POWER CL | 38882 | 33 | 10 |
| 10.5/80-20 | POWER CL | 28486 | 34 | 10 |
| 10.5/80R18 | XMCL® | 25391 | 35 | 10 |
| 10.5/80R20 | XMCL® | 32621 | 37 | 10 |
| 11LR16 | XM27® | 13902 | 29 | NA |
| 12R16.5 | BIBSTEEL® AT | 34034 | 29 | 14 |
| | BIBSTEEL® HS | 84590 | 27 | 14 |
| 12.5/80-18 | POWER CL | 04967 | 30 | 12 |
| 12.5/80-20 | POWER CL | 56730 | 32 | 12 |
| 12.5/80R18 | XMCL® | 24643 | 38 | 12 |
| | BIBLOAD® HS | 66605 | 35 | 12 |
| 12.5/80R20 | XMCL® | 00733 | 37 | 12 |
| | BIBLOAD® HS | 23767 | 35 | 12 |
| 14R17.5 | BIBSTEEL® AT | 17395 | 33 | 14 |
| 14.5/75R20 | XMCL® | 03424 | 42 | 12 |
| 15.5/80-24 | POWER CL | 53837 | 37 | 20 |
| 16.0/70-20 | POWER CL | 18007 | 37 | 16 |
| 16.0/70-24 | POWER CL | 60752 | 37 | 20 |
| | XMCL® | 39817 | 38 | 14 |
| 16.0/70R18 | BIBLOAD® HS | 09464 | 37 | 14 |
| | XMCL® | 02871 | 42 | 16 |
| 16.0/70R20 | BIBLOAD® HS | 18143 | 37 | 16 |
| | XM47 | 97684 | 35 | NA |
| 16.0/70R24 | XMCL® | 92225 | 42 | 16 |
| 16.0/80R28 | CROSSGRIP | 38141 | 33 | 212 |

| COMPACT EQUIPMENT | | | | |
|-------------------|--------------|-------|----------|------------|
| | TREAD DESIGN | MSPN | TD 32NDS | PLY RATING |
| 12.5/80R18 | CROSSGRIP | 31129 | 26 | NA |
| 13.6/R24 | CROSSGRIP | 15827 | 33 | NA |
| 16.0/70R20 | XM47 | 97684 | 35 | NA |
| 16.0/80R24 | CROSSGRIP | 76135 | 33 | NA |
| | XMCL® | 19152 | 42 | 18 |
| 16.5/75R20 | XM47 | 08686 | 38 | NA |
| | POWER CL | 56443 | 37 | 22 |
| 16.9-28 | POWER CL | 95541 | 37 | 18 |
| 16.9R24 | XMCL® | 34933 | 45 | 18 |
| | BIBLOAD® HS | 23762 | 40 | 18 |
| | CROSSGRIP | 74806 | 33 | 18 |
| 16.9R28 | XMCL® | 94482 | 45 | 18 |
| | BIBLOAD® HS | 49461 | 42 | 18 |
| | CROSSGRIP | 52613 | 33 | 18 |
| 16.9R34 | CROSSGRIP | 56587 | 35 | NA |
| 17.5L24 | POWER CL™ | 86617 | 37 | 18 |
| | XMCL® | 70333 | 45 | 18 |
| | BIBLOAD® HS | 27534 | 42 | 18 |
| | XM47 | 13804 | 43 | NA |
| 17.5R24 | CROSSGRIP | 11050 | 33 | NA |
| 18.4-26 | POWER CL | 32114 | 35 | 20 |
| 18.4R26 | XMCL® | 22312 | 45 | 20 |
| | BIBLOAD® HS | 46166 | 42 | 20 |
| 18R19.5 | XF | 81617 | 23 | NA |
| 18R22.5 | XF | 33819 | 25 | NA |
| 18.4R34 | CROSSGRIP | 41135 | 35 | NA |
| 18.4R38 | CROSSGRIP | 06819 | 37 | NA |
| 540/80R38 | CROSSGRIP | 65312 | NA | NA |
| 19.5L24 | POWER CL | 06567 | 37 | 20 |
| 19.5R24 | CROSSGRIP | 63574 | 33 | NA |
| | XMCL® | 89582 | 45 | 20 |
| | BIBLOAD® HS | 19122 | 40 | 20 |
| 19.5LR24 | XM47 | 88892 | 44 | NA |
| | POWER CL | 03270 | 39 | 22 |
| 21L24 | POWER CL | 03270 | 39 | 22 |
| | XMCL® | 58268 | 48 | 20 |
| 21LR24 | XMCL® | 58268 | 48 | 20 |
| | BIBLOAD® HS | 34928 | 42 | 20 |
| 27x8.5R15 | BIBSTEEL® AT | 20011 | 19 | 8 |
| 250/80R16 | CROSSGRIP | 97221 | 21 | NA |

MICHELIN® EARTHMOVER SIZE CHART

| X® TWEEL® | | | |
|--------------------|--|-------------|-----------------|
| | TREAD DESIGN | MSPN | TD 32NDS |
| 10N16.5 | X® TWEEL® SSL 2 ALL TERRAIN | 93405 | 31/32NDS |
| | X® TWEEL® SSL 2 HARD SURFACE TRACTION | 69607 | 48/32NDS |
| 12N16.5 | X® TWEEL® SSL 2 ALL TERRAIN | 07013 | 31/32NDS |
| | X® TWEEL® SSL 2 HARD SURFACE TRACTION | 45604 | 48/32NDS |
| | X® TWEEL® SSL 2 HARD SURFACE TRACTION/2 PIECE HUB | 76642 | 12/32NDS |
| | X® TWEEL® SSL 2 HARD SURFACE TRACTION/2 PIECE HUB* | 56289 | 48/32NDS |
| 13x6.5N6 | X® TWEEL® CASTER | 73818 | |
| 13x6.5N6 | X® TWEEL® CASTER | 52441 | |
| 13x6.5N6 | X® TWEEL® CASTER | 41011 | |
| 13x6.5N6 | X® TWEEL® CASTER | 05768 | |
| 15x6.0N6 | X® TWEEL® CASTER | 49136 | |
| 15x6.0N6 | X® TWEEL® CASTER | 31716 | |
| 18x8.5N10 | X® TWEEL® TURF | 01133 | |
| | X® TWEEL® TURF FOR GOLF CARTS | 01133 | |
| | X® TWEEL® TURF FOR UTILITY VEHICLES | 78245 | |
| 22x11N12 | X® TWEEL® TURF | 37968 | |
| 22x11N12 XL | X® TWEEL® TURF | 47260 | |
| 24x12N12 | X® TWEEL® TURF | 50357 | |
| 24x12N12 | X® TWEEL® TURF | 77185 | |
| 24x12N12 | X® TWEEL® TURF | 54411 | |
| 24x12N12 | X® TWEEL® TURF | 14365 | |
| 24x12N12 | X® TWEEL® TURF | 80949 | |
| 26x12N12 | X® TWEEL® TURF | 08189 | |
| 26x12N12 | X® TWEEL® TURF | 25913 | |
| 26x12N12 | X® TWEEL® TURF | 25926 | |

SAFETY PROCEDURES



SAFETY WARNING: To avoid serious injury

SMALL TIRES – LESS THAN 25"

- NEVER exceed maximum pressure rating of the wheel. Specifically for industrial tires: Certain two-piece wheels are only capable of accepting a maximum pressure of 75 psi – consult wheel manufacturer. Serious injury or death may result from failure to follow Michelin specifications/recommendations for the tires.
- Follow proper tire mounting and dismounting procedures. Only specially trained and qualified persons should mount and dismount tires.
- Explosion of tire/rim assembly may result from welding or heating the rim without first removing the tire from the wheel.
- Tire failure may result from overloading or excessive speed.
- Always consult the MICHELIN® Earthmover or Industrial Tires Technical Data Books or other documentation if you are unsure of the recommended inflation pressure and proper safety procedures.



SAFETY WARNING: To avoid serious injury

LARGER TIRES – 25" AND GREATER

- Always properly secure the tire from falling or rolling to prevent personal injury and property damage. Serious injury or death may result from failure to follow Michelin specifications/recommendations for the tires.
- Maintain recommended inflation pressure. Under- and over-inflation can be dangerous to people and cause tire damage, improper vehicle handling and rapid, irregular wear.
- NEVER exceed maximum pressure rating of the wheel. Serious injury or death may result if maximum pressure is exceeded.
- Follow proper tire mounting and dismounting procedures. Only specially trained and qualified persons should mount and dismount tires.
- Explosion of tire/rim assembly may result from welding or heating the rim without first removing the tire from the wheel.
- Improper handling may cause irreparable damage to the tire.
- Always consult the MICHELIN® Earthmover or Industrial Tires Technical Data Books or other documentation if you are unsure of the recommended inflation pressure and proper safety procedures.

Shipping weights and tread depths subject to change without notice.

For questions, please contact your MICHELIN® Representative.

Michelin has specific recommended conditions for the storage, selection, mounting, inflation, pressure, use, monitoring and maintenance of its tires. The conditions stated by Michelin shall be adhered to by the Customer. The Customer shall be under a duty to inform users and its own Customers of said conditions.

Our Customers should also train their employees, who are involved in placing our products with the end users, about Michelin's tire recommendations and prohibit all repairs without first demounting the tire. If in doubt, we invite you to consult our technical documentation or one of our technicians, or ultimately, our website at: www.michelinearthmover.com.

LOADER/GRADER



The MICHELIN® L2/G2 Radial tire designed with aggressive, non-directional tread to give graders maximum traction.

- Excellent traction and grip
- Large contact patch for excellent handling
- Fewer flats*

*Compared to bias-ply tires.

MICHELIN® XGLA2

| | | SIZE | TRA CODE | ISO INDEX | STAR RATING/ PLY RATING | TD 32NDS | TD MM | SHIPPING WEIGHT (LBS) | MSPN |
|--|----------|----------|----------|-----------|----------------------------|-------------|-------|--------------------------|-------|
| | TUBELESS | 13.00R24 | G2, L2 | — | ★ | 31.5 | 25 | 221.6 | 24704 |
| | | 14.00R24 | G2, L2 | — | ★ | 32 | 25 | 257 | 15924 |
| | | 16.00R24 | G2, L2 | — | ★ | 34 | 27 | 371 | 45611 |



The all-season MICHELIN® Radial tire designed for use on graders and loaders where exceptional traction on snow and ice is required.

- All-season use with exceptional treadwear and traction
- Exceptional maneuverability on ice and snow
- Minimal chain usage

MICHELIN® X SNOPLUS®

| | | SIZE | TRA CODE | ISO INDEX | STAR RATING/ PLY RATING | TD 32NDS | TD MM | SHIPPING WEIGHT (LBS) | MSPN |
|--|----------|----------|----------|-----------|----------------------------|-------------|-------|--------------------------|-------|
| | TUBELESS | 14.00R24 | G2, L2 | 170E | ★ | 30 | 24 | 277 | 53173 |
| | | 17.5R25 | G2, L2 | — | ★ | 35 | 28 | 298 | 99466 |
| | | 20.5R25 | G2, L2 | — | ★ | 39 | 31 | 440 | 62408 |
| | | 23.5R25 | G2, L2 | — | ★ | 43 | 34 | 639 | 74539 |



The MICHELIN® L2/G2 Radial tire designed to provide exceptional traction and long, even treadwear on loaders and graders.

- A large contact area with exceptional traction
- Long, even-wearing tread pattern
- Fewer flats*

*Compared to bias-ply tires.

MICHELIN® XTLA

| | | SIZE | TRA CODE | ISO INDEX | STAR RATING/ PLY RATING | TD 32NDS | TD MM | SHIPPING WEIGHT (LBS) | MSPN |
|--|----------|---------|----------|-----------|----------------------------|-------------|-------|--------------------------|-------|
| | TUBELESS | 15.5R25 | G2, L2 | — | ★ | 33 | 26 | 231 | 94687 |
| | | 17.5R25 | G2, L2 | — | ★ | 35 | 28 | 280 | 04118 |
| | | 20.5R25 | G2, L2 | — | ★ | 39 | 31 | 441 | 09122 |
| | | 23.5R25 | G2, L2 | — | ★ | 43 | 34 | 640 | 49977 |

LOADER/GRADER



The all-new MICHELIN® Radial loader tire with reinforced sidewall construction and deeper, patented tread design provides excellent damage resistance, enhanced traction and reduced vibration for construction and quarry applications.

- Great traction and flotation, excellent rock ejection, resistance to cuts
- Innovative sidewall compound consisting of increased rubber thickness in crown and sidewalls
- Redirects impact and the sidewall injury from vertical to horizontal growth of cuts and splits into the interior of the tire
- C2 technology dissipates heat away from the shoulder, resulting in a cool running tire

MICHELIN® XHA® 2

| | | SIZE | TRA CODE | ISO INDEX | STAR RATING/ PLY RATING | TD 32NDS | TD MM | SHIPPING WEIGHT (LBS) | MSPN |
|----------|--|-----------|----------|-----------|----------------------------|----------|-------|-----------------------|-------|
| TUBELESS | | 17.5R25 | L3 | 176A2 | ★ | 39 | 31 | 309 | 48885 |
| | | 20.5R25 | L3 | 186A2 | ★ | 42 | 33 | 477 | 84298 |
| | | 23.5R25 | L3 | 195A2 | ★ | 45 | 36 | 666 | 65791 |
| | | 26.5R25 | L3 | 209A2 | ★★ | 52 | 41 | 917 | 65348 |
| | | 29.5R25 | L3 | 216A2 | ★★ | 54 | 43 | 1,206 | 82493 |
| | | 775/65R29 | L3 | 206A2 | ★ | 59 | 47 | 1,102 | 84326 |
| | | 875/65R29 | L3 | 214A2 | ★ | 62 | 49 | 1,347 | 32190 |



The versatile MICHELIN® L3 Radial tire designed for loaders, graders and other equipment used in construction, stockpile and truck-loading applications.

- Excellent traction
- Steel cord protection from flat tires
- Stable, comfortable ride

MICHELIN® XHA®

| | | | SIZE | TRA CODE | ISO INDEX | STAR RATING/ PLY RATING | TD 32NDS | TD MM | SHIPPING WEIGHT (LBS) | MSPN |
|----------|--|--|---------|----------|-----------|----------------------------|----------|-------|-----------------------|-------|
| TUBELESS | | | 15.5R25 | L3 | — | ★ | 33 | 26 | 251 | 25042 |

LOADER/GRADER



The technologically advanced, low-profile MICHELIN® Radial tire for small and medium loaders engineered to substantially increase productivity in moderately abrasive conditions.

- More bucket fill
- Increased ground contact for optimized traction
- Easy handling with quick starts and stops
- Extra stability and operator comfort

MICHELIN® XLD® L3

|  Loaders  Graders | SIZE | TRA CODE | ISO INDEX | STAR RATING/ PLY RATING | TD 32NDS | TD MM | SHIPPING WEIGHT (LBS) | MSPN |
|--|----------|-----------|-----------|----------------------------|----------|-------|-----------------------|-------|
| | TUBELESS | 550/65R25 | L3 | — | ★ | 40 | 32 | 451 |
| 600/65R25 | | L3 | — | ★ | 43 | 34 | 500 | 82704 |
| 650/65R25 | | L3 | — | ★ | 47 | 37 | 622 | 90278 |
| 750/65R25 | | L3 | — | ★ | 52 | 41 | 884 | 50629 |

With exceptional load capacity and maximum tire life, the MICHELIN® XTXL® tire is engineered to strengthen your productivity. It offers outstanding durability that provides the comfort and safety your operator needs to get the job done.



- Reinforced E4****/L4*** star casing with 15% more load-carrying capacity*
- New patented B2 technology that transfers 20% more torque through the tire/rim interface*
- Increased rubber thickness in the sidewall and crown with 20% more crown puncture resistance and 10% stronger sidewall aggression resistance*
- Steel crown belt package has bigger cables and 40% more metal mass, and the sidewall is 50% thicker*

*Based on internal testing vs. MICHELIN® XLD® D1 tire.

MICHELIN® XTXL®

|  Underground Haulers  Loaders | SIZE | TRA CODE | ISO INDEX | STAR RATING/ PLY RATING | TD 32NDS | TD MM | SHIPPING WEIGHT (LBS) | MSPN |
|--|----------|----------|-----------|----------------------------|-------------|-------|-----------------------|-------|
| | TUBELESS | 26.5R25 | E4/L4 | — | E4****L4*** | 68 | 54 | 1,184 |
| 29.5R25 | | E4/L4 | — | E4****L4*** | 74 | 59 | 1,451 | 40734 |
| 29.5R29 | | E4 | — | E4**** | 79 | 63 | 1,596 | 68037 |
| 35/65R33 | | E4/L4 | — | E4****L4*** | 76 | 60 | 2,035 | 46729 |

LOADER/GRADER



The directional MICHELIN® L4 Radial tire for wheel loaders in a load-and-carry application designed to provide high levels of stability and protection with a cushioned ride for operator comfort.

- Long-lasting tread life
- Stable, comfortable ride
- Excellent traction

MICHELIN® XLD® D1

| | | SIZE | TRA CODE | ISO INDEX | STAR RATING/ PLY RATING | TD 32NDS | TD MM | SHIPPING WEIGHT (LBS) | MSPN |
|--|----------|----------|----------|-----------|----------------------------|----------|-------|-----------------------|-------|
|  Dozers  Loaders  Graders | TUBELESS | 26.5R25 | L4 | — | ★ | 66.8 | 53 | 1,128 | 70042 |
| | | 29.5R25 | L4 | — | ★ | 73.1 | 58 | 1,463 | 90432 |
| | | 35/65R33 | L4 | — | ★★ | 75.6 | 60 | 1,988 | 33617 |
| | | 45/65R45 | L4 | — | ★★ | 90 | 71 | 4,855 | 78673 |

* = Coming in 2022



The directional MICHELIN® L5 Radial tire for wheel loaders designed to provide high levels of traction, protection and stability with a cushioned ride for operator comfort.

- Long-lasting tread life
- Stable, comfortable ride
- Excellent traction

MICHELIN® XLD® D2

| | | SIZE | TRA CODE | ISO INDEX | STAR RATING/ PLY RATING | TD 32NDS | TD MM | SHIPPING WEIGHT (LBS) | MSPN |
|--|----------|----------|----------|-----------|----------------------------|----------|-------|-----------------------|-------|
|  Dozers  Loaders  Graders | TUBELESS | 17.5R25 | L5 | — | ★ | 79 | 63 | 466 | 37608 |
| | | 20.5R25 | L5 | — | ★ | 91 | 72 | 732 | 79084 |
| | | 23.5R25 | L5 | — | ★ | 97 | 77 | 978 | 58159 |
| | | 26.5R25 | L5 | — | ★ | 110 | 87 | 1,303 | 33046 |
| | | 29.5R25 | L5 | — | ★ | 120 | 95 | 1,681 | 28230 |
| | | 29.5R29 | L5 | — | ★ | 120 | 95 | 1,820 | 52185 |
| | | 45/65R39 | L5 | — | ★★ | 145 | 115 | 4,758 | 48376 |
| | | 45/65R45 | L5 | — | ★★ | 145 | 115 | 5,279 | 79265 |



The MICHELIN® X® TRA POWER™ L5 tire is designed specifically to maximize faceworking loaders.

- Makes lug cracking a thing of the past: designed with new bridges and curved sculpture
- Maximize power, minimize rim slip: redesigned bead optimizes transfer of torque
- Increase load-carrying capacity

*Increase in Load Carrying Capacity Requires Speed Reduction

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

MICHELIN® X® TRA POWER

| | | SIZE | TRA CODE | ISO INDEX | STAR RATING/ PLY RATING | TD 32NDS | TD MM | SHIPPING WEIGHT (LBS) | MSPN |
|--|----------|-----------|----------|-----------|----------------------------|----------|-------|-----------------------|-------|
|  Dozers  Loaders  Graders | TUBELESS | 35/65R33* | L5 | — | ★★★ | 107 | 85 | 2,315 | 51910 |

LOADER/GRADER



The rugged MICHELIN® super L5 traction Radial tire is designed to give maximum protection in severe hard rock quarries, underground mines, scrap and solid waste applications.

- Excellent productivity and uptime
- Long tire life
- Maximum operator comfort and machine protection
- No chains or foam/poly fill required

MICHELIN® X MINE® D2

| | | SIZE | TRA CODE | ISO INDEX | STAR RATING/ PLY RATING | TD 32NDS | TD MM | SHIPPING WEIGHT (LBS) | MSPN |
|---|-----------|-------------------|----------|-----------|----------------------------|----------|--------|-----------------------|-------|
| <p>Forklifts Loaders</p> <p>Skid-Steer Loaders Underground Haulers</p> <p>Underground Loaders</p> | TUBE TYPE | 7.50R15 | L5 | — | — | 58 | 46 | 113 | 23416 |
| | | 8.25R15 | L5 | — | ★ | 61 | 48 | 137 | 22154 |
| | | 10.00R15 | L5 | — | ★ | 61 | 48 | 169 | 18686 |
| | | 14.5R15 | L5 | — | ★ | 61 | 48 | 205 | 41368 |
| | | 350/65R15 | L5 | — | — | 45 | 36 | 161 | 85701 |
| | | 400/80R15 | L5 | — | — | 43 | 34 | 233 | 41318 |
| | | 9.00R20 | L5 | — | ★ | 64 | 51 | 197 | 09497 |
| | 12.00R20 | L5 | — | ★ | 72 | 57 | 284 | 19601 | |
| | TUBELESS | 14.00R20 | L5 | — | ★ | 61 | 48 | 324 | 64715 |
| | | 12.00R24 | L5 | — | ★ | 72 | 57 | 331 | 19455 |
| | | 35/65R33 | L5 | — | ★★ | 117 | 93 | 2,657 | 67187 |
| | | 45/65R39 | L5 | — | ★★ | 146 | 116 | 5,145 | 01004 |
| | | 45/65R45 | L5 | — | ★★ | 146 | 116 | 5,749 | 00821 |
| | | 50/65R51 (SR) (1) | L5 | — | ★★ | 146 | 116 | 7,715 | 92514 |
| 55/80R57 (HR) (2) | | L5 | — | ★ | 150 | 119 | 11,535 | 07695 | |
| 55/80R57 (SR) (1) | | L5 | — | ★ | 150 | 119 | 11,498 | 18939 | |
| 60/80R57 (SR) (1) | | L5 | — | ★ | 149 | 118 | 13,018 | 31145 | |
| 60/80R57 (HR) (2) | L5 | — | ★ | 149 | 118 | 13,018 | 09011 | | |

(1) SR = Standard Rock
(2) HR = Hard Rock

LOADER/GRADER



MICHELIN® X MINE® D2 PRO has Improved aggression resistance and reduction in downtime in the most extreme conditions.

- Up to 18% increased load capacity
- Improved aggression resistance due to new cables and NRF technology
- Improved tire life in harsh conditions thanks to optimized compounds

LOADER/
GRADER

MICHELIN® X MINE® D2 PRO

| | | SIZE | TRA CODE | ISO INDEX | STAR RATING/ PLY RATING | TD 32NDS | TD MM | SHIPPING WEIGHT (LBS) | MSPN |
|---|----------|----------|----------|-----------|----------------------------|----------|-------|-----------------------|-------|
| <p>Forklifts</p> <p>Loaders</p> <p>Skid-Steer Loaders</p> <p>Underground Haulers</p> <p>Underground Loaders</p> | TUBELESS | 17.5R25 | L5 | — | ★★★ | 82 | 65 | 572 | 01143 |
| | | 18.00R25 | L5 | — | ★★★ | 103 | 82 | 981 | 08541 |
| | | 20.5R25 | L5 | — | ★★★ | 93 | 74 | 848 | 21899 |
| | | 23.5R25 | L5 | — | ★★★ | 105 | 83 | 1,130 | 10697 |
| | | 26.5R25 | L5 | — | ★★★ | 115 | 91 | 1,562 | 21836 |
| | | 29.5R25 | L5 | — | ★★★ | 126 | 100 | 1,944 | 92460 |
| | | 29.5R29 | L5 | — | ★★★ | 126 | 100 | 2,035 | 28327 |

ADT/SCRAPER



The MICHELIN® E3 Radial tire for articulated trucks designed to deliver exceptional reliability in a variety of applications.

- Excellent traction
- High-tech casing and special tread compounds for operator comfort
- Rugged shoulder design for added sidewall protection and long tire life
- C2 technology lowers casing temperatures which provides a cooler running tire

MICHELIN® XADN+®

| Articulated Dumpers | Scrapers | TUBELESS | SIZE | TRA CODE | ISO INDEX | STAR RATING/ PLY RATING | TD 32NDS | TD MM | SHIPPING WEIGHT (LBS) | MSPN |
|---------------------|----------|----------|---------|----------|-----------|----------------------------|----------|-------|-----------------------|-------|
| | | | 23.5R25 | E3 | 185B | ★★ | 48 | 38 | 704 | 31373 |
| | | | 26.5R25 | E3 | 193B | ★★ | 50 | 40 | 954 | 32433 |
| | | | 29.5R25 | E3 | 200B | ★★ | 55 | 44 | 1,179 | 40883 |



The MICHELIN® Super E3 low-profile, low-pressure Radial tire designed to deliver excellent flotation, lateral stability and traction for articulated dump trucks.

- A wide, stable footprint
- Excellent traction and adhesion
- Resistance to shock and impact damage

MICHELIN® XAD 65

| Articulated Dumpers | Scrapers | TUBELESS | SIZE | TRA CODE | ISO INDEX | STAR RATING/ PLY RATING | TD 32NDS | TD MM | SHIPPING WEIGHT (LBS) | MSPN |
|---------------------|----------|----------|-----------|----------|-----------|----------------------------|----------|-------|-----------------------|-------|
| | | | 650/65R25 | E3 | 180B | ★★ | 50 | 40 | 695 | 89647 |
| | | | 750/65R25 | E3 | 190B | ★★ | 54 | 43 | 895 | 79374 |
| | | | 875/65R29 | E3 | 203B | ★★ | 64 | 51 | 1,489 | 40269 |



The MICHELIN® E4 Radial tire for articulated dump trucks engineered to deliver long life, maximized protection and excellent traction in a variety of demanding applications.

- The special C2 casing provides a cool-running tire
- Aggressive, self-cleaning tread design offers exceptional traction
- New tread compound for up to 15% more tread life*
- Optimal sidewall protection

*Based on internal test vs. the MICHELIN® X®-SUPER TERRAIN AD tire.

MICHELIN® X®-SUPER TERRAIN+

| Articulated Dumpers | Scrapers | TUBELESS | SIZE | TRA CODE | ISO INDEX | STAR RATING/ PLY RATING | TD 32NDS | TD MM | SHIPPING WEIGHT (LBS) | MSPN |
|---------------------|----------|----------|-----------|----------|-----------|----------------------------|----------|-------|-----------------------|-------|
| | | | 800/80R29 | E4 | 206B | ★★ | 84 | 67 | 1,566 | 04779 |

ADT/SCRAPER



The MICHELIN® E4 Radial tire is designed for articulated dump trucks that work in the most demanding and severe conditions.

- Excellent damage resistance
- Robust sidewall and tread area
- Tread pattern designed to deliver long tire life and great traction

MICHELIN® X^{TRA} DEFEND

|  Articulated Dumpers  Scrapers | | SIZE | TRA CODE | ISO INDEX | STAR RATING/ PLY RATING | TD 32NDS | TD MM | SHIPPING WEIGHT (LBS) | MSPN |
|---|-----------|---------|----------|-----------|----------------------------|----------|-------|-----------------------|-------|
| | TUBELESS | 23.5R25 | E4 | — | ★★ | 68 | 54 | 741 | 63502 |
| | 26.5R25 | E4 | — | ★★ | 75 | 60 | 1,091 | 61680 | |
| | 29.5R25 | E4 | — | ★★ | 82 | 65 | 1,334 | 07272 | |
| | 750/65R25 | E4 | — | ★★ | 69 | 55 | 1,036 | 32588 | |
| | 875/65R29 | E4 | — | ★★ | 75 | 60 | 1,698 | 76545 | |



The MICHELIN® E3T Radial tire for mid-size scrapers is engineered to provide exceptionally long life, excellent resistance to damage and enhanced traction.

- Excellent tire life for improved cost-per-hour
- Designed for maximum uptime
- Large ground contact area for excellent traction

MICHELIN® XTS[®]

|  Scrapers | | SIZE | TRA CODE | ISO INDEX | STAR RATING/ PLY RATING | TD 32NDS | TD MM | SHIPPING WEIGHT (LBS) | MSPN |
|--|----------|---------|----------|-----------|----------------------------|----------|-------|-----------------------|-------|
| | TUBELESS | 29.5R29 | E3 | — | ★★ | 54 | 43 | 1,235 | 46731 |
| | 33.25R29 | E3 | — | ★★ | 57 | 45 | 1,729 | 76725 | |
| | 29.5R35 | E3 | — | ★★ | 57 | 45 | 1,453 | 64173 | |
| | 37.25R35 | E3 | — | ★★ | 59 | 47 | 2,498 | 54190 | |



The non-directional MICHELIN® Radial tire for large scrapers is designed to provide excellent longitudinal/lateral traction and exceptional tread and sidewall cut protection.

- Excellent traction for improved productivity
- Extra durability even in the toughest applications
- Deeper tread than standard E4

MICHELIN® XRS[®]

|  Scrapers | | SIZE | TRA CODE | ISO INDEX | STAR RATING/ PLY RATING | TD 32NDS | TD MM | SHIPPING WEIGHT (LBS) | MSPN |
|--|----------|----------|----------|-----------|----------------------------|----------|-------|-----------------------|-------|
| | TUBELESS | 37.25R35 | E4 | — | ★★ | 67 | 53 | 2,701 | 75762 |



The MICHELIN® E3 Radial tire for large scrapers is designed to deliver excellent traction, superior damage resistance and a smooth ride.

- Maximum tire life
- Extra protection in severe operating conditions
- Excellent traction and flotation
- Smooth ride for optimal operator comfort

MICHELIN® XMS

|  Scrapers | | SIZE | TRA CODE | ISO INDEX | STAR RATING/ PLY RATING | TD 32NDS | TD MM | SHIPPING WEIGHT (LBS) | MSPN |
|--|----------|------------|----------|-----------|----------------------------|----------|-------|-----------------------|-------|
| | TUBELESS | 40.5/75R39 | E3 | — | ★★ | 64 | 51 | 3,147 | 93211 |

CRANE/TRANSPORT



The non-directional MICHELIN® Radial tire is designed to deliver exceptional operator comfort and durability in high-speed and demanding on- and off-road applications.

- Excellent traction and grip
- Even treadwear
- Exceptional operator comfort
- DOT approved

MICHELIN® X-CRANE® AT

|  Mobile Cranes  Trucks - Trailers | | SIZE | TRA CODE | ISO INDEX | STAR RATING/ PLY RATING | TD 32NDS | TD MM | SHIPPING WEIGHT (LBS) | MSPN | |
|---|--|-----------|-------------------------|-----------|----------------------------|----------|-------|-----------------------|------|-------|
|  Flatbeds  Fire and Rescue | | TUBE TYPE | 385/95R24 (14.00R24) | E2 | 170F | — | 28 | 22 | 300 | 93770 |



The non-directional MICHELIN® Radial tire is especially designed to deliver maximum comfort and durability in both high-speed and demanding on- and off-road applications.

- Even treadwear
- Strong casing for great durability
- Improved operator comfort
- DOT approved

MICHELIN® X-CRANE® +

|  High-Speed Mobile Cranes  Trucks - Trailers | | SIZE | TRA CODE | ISO INDEX | STAR RATING/ PLY RATING | TD 32NDS | TD MM | SHIPPING WEIGHT (LBS) | MSPN | |
|--|--|----------|-------------------------|-----------|----------------------------|----------|-------|-----------------------|------|-------|
|  Flatbeds  Fire and Rescue | | TUBELESS | 385/95R25 (14.00R25) | E2 | 170F | — | 29 | 23 | 314 | 32768 |
| | | | 445/95R25 (16.00R25) | E2 | 174F | — | 31 | 25 | 427 | 30097 |
| | | | 525/80R25 (20.5R25) | E2 | 176F | — | 35 | 28 | 471 | 33880 |



The non-directional MICHELIN® Radial tire is designed to deliver exceptional operator comfort and durability in high-speed and demanding on- and off-road crane applications.

- Exceptional operator comfort
- High-speed capabilities
- Excellent traction on all surfaces, on- and off-highway
- DOT approved

MICHELIN® XGC

|  Mobile Cranes  Trucks - Trailers | | SIZE | TRA CODE | ISO INDEX | STAR RATING/ PLY RATING | TD 32NDS | TD MM | SHIPPING WEIGHT (LBS) | MSPN | |
|---|--|----------|------------------------|-----------|----------------------------|----------|-------|-----------------------|------|-------|
|  Flatbeds  Fire and Rescue | | TUBELESS | 445/80R25 (17.5R25) | E2 | 170E | — | 35 | 28 | 384 | 30079 |

CRANE/TRANSPORT



The MICHELIN® E4 Radial tire is designed for transport applications.

- Deep tread allows for superior traction for haul road conditions
- Optimized tread compound for extended wear and endurance
- Maximized sidewall reinforcement protects against cutting and abrasion in the toughest applications

MICHELIN® XHD1

|  Rigid Dump Trucks  Logging Trucks | | SIZE | TRA CODE | ISO INDEX | STAR RATING/ PLY RATING | TD 32NDS | TD MM | SHIPPING WEIGHT (LBS) | MSPN |
|---|-------------------------|------|----------|-----------|----------------------------|----------|-------|-----------------------|------|
| A TUBELESS | 14.00R25 (385/95R25) | E4 | — | ★★★ | 48 | 38 | 384 | 34504 | |
| | 16.00R25 | E4 | — | ★★ | 54 | 43 | 605 | 34694 | |



The MICHELIN® Radial tire for logging and transport operations is designed to deliver excellent wear resistance and cooler operating temperatures in high-speed applications.

- Excellent traction and adhesion in both on- and off-road applications
- More productivity
- Excellent damage resistance
- Non-DOT rated (not for highway service "NHS")

MICHELIN® XMHS

|  Logging Trucks  Transport Applications | | SIZE | TRA CODE | ISO INDEX | STAR RATING/ PLY RATING | TD 32NDS | TD MM | SHIPPING WEIGHT (LBS) | MSPN |
|--|-------------------------|------|----------|-----------|----------------------------|----------|-------|-----------------------|------|
| TUBELESS | 385/95R24 (14.00R24) | E2 | 170E | — | 30 | 24 | 304 | 12407 | |
| | 385/95R25 (14.00R25) | E2 | 170E | — | 30 | 24 | 318 | 21608 | |



The MICHELIN® Radial tire is designed for logging operations and mobile cranes where excellent traction on snow and ice is required.

- Exceptional traction and maneuverability on ice and snow
- Minimal chain usage
- Designed for optimal uptime
- DOT approved

MICHELIN® X SNOPLUS® 170E

|  Logging Trucks  Mobile Cranes  Transport Applications | | SIZE | TRA CODE | ISO INDEX | STAR RATING/ PLY RATING | TD 32NDS | TD MM | SHIPPING WEIGHT (LBS) | MSPN |
|---|-------------------------|------|----------|-----------|----------------------------|----------|-------|-----------------------|------|
| TUBELESS | 385/95R24 (14.00R24) | E2 | 170E | — | 30 | 24 | 304 | 36887 | |
| | 385/95R25 (14.00R25) | E2 | 170E | — | 32 | 25 | 318 | 05893 | |

CRANE/
TRANSPORT

RIGID DUMP TRUCKS



The MICHELIN® E4 Radial tire for small, rigid dump trucks is designed to increase productivity and lower operating costs.

- B Compound offers an increase in distance traveled per hour*
- Optimized tread pattern for ideal traction and evacuation
- Built-up sidewall for protection against sidewall penetrations

*Compared to 18.00R25 XHD1™ A tire.

MICHELIN® XHDT®

|  Rigid Dump Trucks | | SIZE | TRA CODE | ISO INDEX | STAR RATING/ PLY RATING | TD 32NDS | TD MM | SHIPPING WEIGHT (LBS) | MSPN |
|---|------------|----------|----------|-----------|----------------------------|----------|-------|-----------------------|-------|
| | A TUBELESS | 18.00R25 | E4 | — | ★★ | 59 | 47 | 708 | 18573 |
| | B TUBELESS | 18.00R25 | E4 | — | ★★ | 59 | 47 | 708 | 23787 |



The MICHELIN® E2 Radial tire is designed especially for high-speed applications on well-maintained site roads.

- High-speed capabilities
- Excellent traction, handling and wear

MICHELIN® XVC

|  Rigid Dump Trucks |  Bottom Dump Trucks | | SIZE | TRA CODE | ISO INDEX | STAR RATING/ PLY RATING | TD 32NDS | TD MM | SHIPPING WEIGHT (LBS) | MSPN |
|--|--|----------|----------|----------|-----------|----------------------------|----------|-------|-----------------------|-------|
| | | TUBELESS | 18.00R33 | E2 | — | ★★ | 33 | 26 | 772 | 45385 |
| | | | 24.00R35 | E2 | — | ★★ | 38 | 30 | 1,298 | 10223 |
| | | | 27.00R49 | E2 | — | ★★ | 42 | 33 | 2,136 | 06957 |

RIGID DUMP TRUCKS



The MICHELIN® E4 Radial tire for haul trucks is designed to provide excellent adhesion and traction in severe conditions.

- Excellent traction
- Excellent resistance to damage
- Long, even-wearing tread pattern

MICHELIN® XDT

|  Rigid Dump Trucks |  Bottom Dump Trucks | | SIZE | TRA CODE | ISO INDEX | STAR RATING/ PLY RATING | TD 32NDS | TD MM | SHIPPING WEIGHT (LBS) | MSPN |
|--|---|-------------|----------|----------|-----------|----------------------------|----------|-------|-----------------------|-------|
| | | A4 TUBELESS | 21.00R35 | E4 | — | ★★ | 77 | 61 | 1,396 | 94773 |
| | | B TUBELESS | 21.00R35 | E4 | — | ★★ | 77 | 61 | 1,396 | 40692 |
| | | B TUBELESS | 33.00R51 | E4 | — | ★★ | 110 | 87 | 4,790 | 53227 |



The MICHELIN® E4 Radial tire has high load-carrying capacity and provides excellent protection for haul trucks working in demanding quarry environments.

- A *** casing provides superior load-carrying capability
- Excellent resistance to cuts and abrasions
- Tread pattern designed to deliver long tire life and even wear

MICHELIN® X^{TRA} LOAD PROTECT

|  Rigid Dump Trucks |  Bottom Dump Trucks | | SIZE | TRA CODE | ISO INDEX | STAR RATING/ PLY RATING | TD 32NDS | TD MM | SHIPPING WEIGHT (LBS) | MSPN |
|--|---|-------------|----------|----------|-----------|----------------------------|----------|-------|-----------------------|-------|
| | | A4 TUBELESS | 18.00R33 | E4 | — | ★★★ | 79 | 63 | 1,042 | 89058 |
| | | B TUBELESS | 18.00R33 | E4 | — | ★★★ | 79 | 63 | 1,042 | 21909 |
| | | A4 TUBELESS | 21.00R33 | E4 | — | ★★★ | 68 | 54 | 1,133 | 05749 |
| | | B TUBELESS | 21.00R33 | E4 | — | ★★★ | 68 | 54 | 1,126 | 35283 |
| | | A4 TUBELESS | 24.00R35 | E4 | — | ★★★ | 88 | 70 | 1,834 | 05723 |
| | | B TUBELESS | 24.00R35 | E4 | — | ★★★ | 88 | 70 | 1,819 | 67386 |

RIGID DUMP TRUCKS

RIGID DUMP TRUCKS



The MICHELIN® E4 Radial tire is designed for haul trucks to provide excellent traction and high load-carrying capacity in the most severe quarry conditions.

- A *** casing provides superior load-carrying capability
- Excellent resistance to damages
- Tread pattern designed to deliver long tire life in high-traction environments

MICHELIN® X^{TRA} LOAD GRIP

| | | SIZE | TRA CODE | ISO INDEX | STAR RATING/ PLY RATING | TD 32NDS | TD MM | SHIPPING WEIGHT (LBS) | MSPN |
|---|-------------|----------|----------|-----------|----------------------------|----------|-------|-----------------------|-------|
|  Rigid Dump Trucks  Bottom Dump Trucks | A4 TUBELESS | 18.00R33 | E4 | — | ★★★ | 76 | 60 | 992 | 09496 |
| | B TUBELESS | 18.00R33 | E4 | — | ★★★ | 76 | 60 | 987 | 12079 |
| | A4 TUBELESS | 21.00R33 | E4 | — | ★★★ | 83 | 66 | 1,001 | 31734 |
| | B TUBELESS | 21.00R33 | E4 | — | ★★★ | 83 | 66 | 1,215 | 03975 |
| | A4 TUBELESS | 24.00R35 | E4 | — | ★★★ | 92 | 73 | 1,764 | 77075 |
| | B TUBELESS | 24.00R35 | E4 | — | ★★★ | 92 | 73 | 1,757 | 86007 |



The MICHELIN® E3 Radial tire is designed for haul trucks needing more uptime and tire life in long-haul, high-speed applications.

- New tread pattern reduces heat buildup and internal temperature
- Excellent tread life
- Optimized tread and bead area endurance

MICHELIN® XDR² S

| | | SIZE | TRA CODE | ISO INDEX | STAR RATING/ PLY RATING | TD 32NDS | TD MM | SHIPPING WEIGHT (LBS) | MSPN |
|---|-------------|----------|----------|-----------|----------------------------|----------|-------|-----------------------|-------|
|  Rigid Dump Trucks  Bottom Dump Trucks | B TUBELESS | 59/80R63 | E3 | — | ★★ | 91 | 72 | 10,831 | 32399 |
| | C4 TUBELESS | 59/80R63 | E3 | — | ★★ | 91 | 72 | 10,629 | 68652 |



The MICHELIN® Radial tire designed to deliver maximum protection in severe transport and abrasive underground mining conditions.

- Maximum protection from extreme jobsite hazards
- Promotes stability

MICHELIN® XK^{D1}

| | | SIZE | TRA CODE | ISO INDEX | STAR RATING/ PLY RATING | TD 32NDS | TD MM | SHIPPING WEIGHT (LBS) | MSPN |
|---|------------|----------|----------|-----------|----------------------------|----------|-------|-----------------------|-------|
|  Rigid Dump Trucks | A TUBELESS | 18.00R25 | E4 | — | ★★ | 59 | 47 | 865 | 12336 |

RIGID DUMP TRUCKS



The new MICHELIN® E4 tire for haul trucks has long-lasting innovations designed to maximize tire life.

- Revolutionary tread pattern designed for longer tread wear, better endurance and greater resistance to aggression*
- Four new compounds made with an exclusive mixing process designed for longer tread wear*
- Corrosion-isolating cables designed to protect from impact, prevent spread of corrosion and extend tire life*

*Compared to the MICHELIN® XDR®2 tire.

MICHELIN® XDR® 3



Rigid Dump Trucks



Bottom Dump Trucks

| | SIZE | TRA CODE | ISO INDEX | STAR RATING/ PLY RATING | TD 32NDS | TD MM | SHIPPING WEIGHT (LBS) | MSPN |
|--------------|-----------|----------|-----------|----------------------------|----------|-------|-----------------------|-------|
| A TUBELESS | 27.00R49 | E4 | — | ★★★ | 114 | 90 | 3,036 | 19529 |
| B TUBELESS | 27.00R49 | E4 | — | ★★★ | 114 | 90 | 3,056 | 22060 |
| B4 TUBELESS | 27.00R49 | E4 | — | ★★★ | 114 | 90 | 3,083 | 24794 |
| B TUBELESS | 33.00R51 | E4 | — | ★★ | 119 | 94 | 4,926 | 05483 |
| B4 TUBELESS | 33.00R51 | E4 | — | ★★ | 119 | 94 | 4,822 | 05115 |
| C4 TUBELESS | 33.00R51 | E4 | — | ★★ | 119 | 94 | 4,866 | 78629 |
| B TUBELESS | 37.00R57 | E4 | — | ★★ | 129 | 102 | 6,944 | 18283 |
| B4 TUBELESS | 37.00R57 | E4 | — | ★★ | 129 | 102 | 6,957 | 66263 |
| C4 TUBELESS | 37.00R57 | E4 | — | ★★ | 129 | 102 | 6893 | 86430 |
| MC TUBELESS | 40.00R57 | E4 | — | ★★ | 124 | 98 | 7,890 | 02582 |
| MC4 TUBELESS | 40.00R57 | E4 | — | ★★ | 124 | 98 | 8,007 | 54268 |
| MB TUBELESS | 50/90R57 | E4 | — | ★★ | 124 | 98 | 9,592 | 45751 |
| MB4 TUBELESS | 50/90R57 | E4 | — | ★★ | 124 | 98 | 9,592 | 39092 |
| MC4 TUBELESS | 50/90R57 | E4 | — | ★★ | 124 | 98 | 9,592 | 09945 |
| MB TUBELESS | 53/80R63 | E4 | — | ★★ | 139 | 110 | 10,432 | 26004 |
| MC TUBELESS | 53/80R63 | E4 | — | ★★ | 139 | 110 | 10,430 | 99718 |
| MC4 TUBELESS | 53/80R63 | E4 | — | ★★ | 139 | 110 | 10,430 | 06229 |
| MB TUBELESS | 59/80R63* | E4 | — | ★★ | 139 | 110 | 12,128 | 20068 |
| MB4 TUBELESS | 59/80R63* | E4 | — | ★★ | 139 | 110 | 12,267 | 73530 |
| MC4 TUBELESS | 59/80R63 | E4 | — | ★★ | 139 | 110 | 12,128 | 83942 |

* = Phasing out Q4 2021

RIGID DUMP TRUCKS

RIGID DUMP TRUCKS



MICHELIN® XDR® 3+ tire is built to maximize tire life with no tradeoff in TKPH.

- Increase tire life by at least 6%* for MB compound and 4%* for MB4 compound thanks to a second generation of compounds and innovative layering technology

*Compared to the MICHELIN® XDR® 3 and XDR® 3 EXTRA LOAD tires. Average performance by mine site. Projected improvement in tire life-based on the result of 13 field performance placement customer mine sites. Actual results may vary.

MICHELIN® XDR® 3+

| | | SIZE | TRA CODE | ISO INDEX | STAR RATING/ PLY RATING | TD 32NDS | TD MM | SHIPPING WEIGHT (LBS) | MSPN |
|---|--------------|----------|----------|-----------|----------------------------|----------|-------|-----------------------|-------|
|  Rigid Dump Trucks  Bottom Dump Trucks | MB TUBELESS | 40.00R57 | E4 | — | ★★ | 124 | 98 | 8,267 | 10900 |
| | MB4 TUBELESS | 40.00R57 | E4 | — | ★★ | 124 | 98 | 8,275 | 38891 |
| | MB TUBELESS | 50/90R57 | E4 | — | ★★ | 124 | 98 | 9,746 | 78907 |
| | MB4 TUBELESS | 50/90R57 | E4 | — | ★★ | 124 | 98 | 9,746 | 84040 |
| | MB4 TUBELESS | 53/80R63 | E4 | — | ★★ | 139 | 110 | 10,560 | 00582 |
| | MB4 TUBELESS | 59/80R63 | E4 | — | ★★ | 139 | 110 | 12,095 | 16577 |
| | MB TUBELESS | 59/80R63 | E4 | — | ★★ | 139 | 110 | 12,095 | 03414 |



The MICHELIN® XDR® 3 EXTRA LOAD tire increases your maximum truck payload by up to 12.6%¹ vs. the MICHELIN® XDR® 3 (TMPH=15%²).

- Stronger cables, new plies, robust structure
- Revolutionary compounds
- Revolutionary tread pattern

¹Based on comparisons of maximum load capacity of the MICHELIN® XDR® 3 EXTRA LOAD tire to the MICHELIN® XDR® 3 tire, size 53/80R63, as set forth in the 2018 MICHELIN® Data Book. Actual results may vary, and may be impacted by many factors, to include road conditions, weather, environment, driving habits, tire size, equipment and maintenance.

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

MICHELIN® XDR® 3 EXTRA LOAD

| | | SIZE | TRA CODE | ISO INDEX | STAR RATING/ PLY RATING | TD 32NDS | TD MM | SHIPPING WEIGHT (LBS) | MSPN |
|---|--------------|----------|----------|-----------|----------------------------|----------|-------|-----------------------|-------|
|  Rigid Dump Trucks  Bottom Dump Trucks Phasing out date TBD | MB TUBELESS | 53/80R63 | E4 | — | ★★★ | 138 | 110 | 10,882 | 17762 |
| | MC TUBELESS | 53/80R63 | E4 | — | ★★★ | 138 | 110 | 10,822 | 17699 |
| | MC4 TUBELESS | 53/80R63 | E4 | — | ★★★ | 138 | 110 | 10,864 | 81977 |

RIGID DUMP TRUCKS



The new MICHELIN® E4 Radial tire for 250T class trucks is designed to carry more, faster to increase productivity.

- The highest TMPH available
- Get 25% more productivity than the Bridgestone 46/90R57 VRDP & VRPS* tires
- Increased dimension allows you to carry 6% more load than the Bridgestone 46/90R57 VRDP & VRPS* tires
- Groundbreaking tread design optimizes airflow, cooling the tire, which can allow it to run at fast speeds for longer times
- Redesigned corrosion-isolating cables with protective rubber to prevent the spread of corrosion and improve overall tire life

* All performance claims are based on comparisons of the MICHELIN® XDR® 250 tire to the MICHELIN® XDR® 2 tire (40.00R57) and the Bridgestone® VRPS & VRDP tires.

MICHELIN® XDR® 250

| | | SIZE | TRA CODE | ISO INDEX | STAR RATING/ PLY RATING | TD 32NDS | TD MM | SHIPPING WEIGHT (LBS) | MSPN | |
|--|---|----------------|----------|-----------|----------------------------|----------|-------|-----------------------|-------|-------|
|  Rigid Dump Trucks |  Bottom Dump Trucks | C TUBELESS | 50/80R57 | E4 | — | ★★ | 118 | 94 | 8,445 | 81178 |
| | | C4 TUBELESS | 50/80R57 | E4 | — | ★★ | 118 | 94 | 8,522 | 48751 |



The MICHELIN® XDR® 250+ tire features Innovative compounds and layering technology to maximize tire life even at the highest TKPH.

- Tire life increased by 8%* for MB4 and MB compounds vs. the MICHELIN® XDR® 250 tire
- Improved wear resistance thanks to the second generation of revolutionary compounds.
- Optimized wear on front and rear axles from multilayer technology
- Increased aggression resistance* due to lower tire pressure for the same load capacity compared to the MICHELIN® XDR 250 tire

* The new MICHELIN® 50/80R57 XDR® 250+ has INCREASED TIRE LIFE BY 8%, thanks to new-generation compounds and innovative tread layers⁽¹⁾, and improved aggression resistance⁽²⁾

(1) Compared to the MICHELIN® XDR® 250 50/80R57 tire. Average performance by mine site. Projected improvement in tire life based on field performance in 70 customer mine sites over 25 months. Actual results may vary.

(2) Compared to the MICHELIN® XDR® 250 50/80R57 tire. Thanks to carrying the same load capacity at lower air pressure, according to the 2019 MICHELIN® Databook.

MICHELIN® XDR® 250+

| | | SIZE | TRA CODE | ISO INDEX | STAR RATING/ PLY RATING | TD 32NDS | TD MM | SHIPPING WEIGHT (LBS) | MSPN | |
|--|---|------|----------|-----------|----------------------------|----------|-------|-----------------------|-------|-------|
|  Rigid Dump Trucks |  Bottom Dump Trucks | MB | 50/80R57 | E4 | — | ★★ | 118 | 94 | 8,532 | 05633 |
| | | MB4 | 50/80R57 | E4 | — | ★★ | 118 | 94 | 8,532 | 22280 |



The MICHELIN® Radial tire for haul trucks is designed to deliver low operating costs in applications requiring a unique combination of traction, speed and protection.

- Excellent traction
- High-speed capabilities
- Durability in severe working conditions

MICHELIN® XDC®

| | | SIZE | TRA CODE | ISO INDEX | STAR RATING/ PLY RATING | TD 32NDS | TD MM | SHIPPING WEIGHT (LBS) | MSPN | |
|--|---|----------------|----------|-----------|----------------------------|----------|-------|-----------------------|-------|-------|
|  Rigid Dump Trucks |  Bottom Dump Trucks | C4 TUBELESS | 33.00R51 | E3 | — | ★★ | 61 | 48 | 4,029 | 28097 |
| | | | 36.00R51 | E3 | — | ★★ | 72 | 57 | 4,954 | 00557 |
| | | | 40.00R57 | E3 | — | ★★ | 79 | 63 | 6,357 | 51763 |

RIGID DUMP TRUCKS



The New MICHELIN® XD MINEWORKS tire is designed with a new tread pattern and tread depth to deliver even wear and minimal maintenance.

- Worry-free product experience
- Minimal maintenance (designed for minimal rotation)

MICHELIN® XD MINEWORKS

|  Rigid Dump Trucks  Bottom Dump Trucks | | SIZE | TRA CODE | ISO INDEX | STAR RATING/ PLY RATING | TD 32NDS | TD MM | SHIPPING WEIGHT (LBS) | MSPN |
|---|----------|----------|----------|-----------|----------------------------|----------|-------|-----------------------|-------|
| | TUBELESS | 27.00R49 | E4 | — | ★★ | 83 | 66 | 2,675 | 83794 |



The MICHELIN® XD Grip is designed with a bigger grip for better benefits.

- Unstoppable grip capabilities with 30% more lug edges¹ help provide unstoppable grip in muddy or loose conditions
- Resists aggression from hidden obstacles² with a new design offering a larger contact patch, extra protection and more tread volume

MICHELIN® XD GRIP

|  Rigid Dump Trucks | | SIZE | TRA CODE | ISO INDEX | STAR RATING/ PLY RATING | TD 32NDS | TD MM | SHIPPING WEIGHT (LBS) | MSPN |
|--|-------------|----------|----------|-----------|----------------------------|----------|-------|-----------------------|-------|
| | A4 TUBELESS | 27.00R49 | E4 | — | ★★★ | 100 | 79 | 2,948 | 07858 |
| | B TUBELESS | 27.00R49 | E4 | — | ★★★ | 100 | 79 | 2,802 | 38092 |
| | B4 TUBELESS | 27.00R49 | E4 | — | ★★★ | 100 | 79 | 2,908 | 17563 |

¹Compared to the MICHELIN® X TRACTION tire in size 27.00R49 and based on internal measurement results. Actual results may vary.

²Compared to MICHELIN® X TRACTION. Actual results may vary.



The MICHELIN® XDR® 4 EXTRA LOAD tire is designed to boost payload, boost productivity.

- Get 10% more load capacity¹ due to new cables, architecture and larger size optimized to carry up to 115 tons
- Get the highest TKPH on the market,² with up to 2576 TKPH³
- Experience improved heat resistance, adherence and wear profile⁴ thanks to a new tread pattern
- Enjoy better wear resistance⁵ with revolutionary new compounds

MICHELIN® XDR® 4 EXTRA LOAD

|  Rigid Dump Trucks  Bottom Dump Trucks | | SIZE | TRA CODE | ISO INDEX | STAR RATING/ PLY RATING | TD 32NDS | TD MM | SHIPPING WEIGHT (LBS) | MSPN |
|---|--------------|----------|----------|-----------|----------------------------|----------|-------|-----------------------|-------|
| | MB TUBELESS | 59/80R63 | E4 | — | ★★★ | 126 | 100 | 11,023 | 97806 |
| | MB4 TUBELESS | 59/80R63 | E4 | — | ★★★ | 126 | 100 | 11,023 | 17772 |
| | MC4 TUBELESS | 59/80R63 | E4 | — | ★★★ | 126 | 100 | 11,023 | 06838 |

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

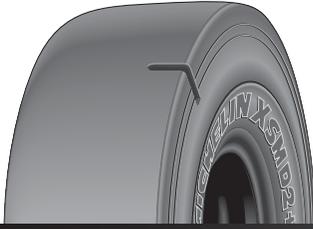
²The new MICHELIN® XDR® 4 EXTRA LOAD tire 59/80R63 get the highest TKPH / Most Productive Rigid Dump Truck tire on the market (2576 TKPH).

³Based on comparisons to the 2021 Bridgestone Databook and the 2020 Goodyear Databook. Actual results may vary.

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

⁵The new MICHELIN® XDR® 4 EXTRA LOAD tire 59/80R63 was designed for better wear resistance, thanks to a revolutionary new compound.

UNDERGROUND



The MICHELIN® XSM® D2+ underground mining loader tire for extreme conditions.

- Protected casing
- Excellent adhesion
- Robust shoulders with sidewall protection

MICHELIN® XSM® D2+

| | | SIZE | TRA CODE | ISO INDEX | STAR RATING/ PLY RATING | TD 32NDS | TD MM | SHIPPING WEIGHT (LBS) | MSPN |
|--|----------|----------|----------|-----------|----------------------------|----------|-------|-----------------------|-------|
|  Loaders  Underground Haulers | TUBELESS | 12.00R24 | L5S | — | — | 72 | 57 | 366 | 80803 |
| | | 18.00R25 | L5S | — | ★★ | 97 | 77 | 1,010 | 32651 |
|  Underground Loaders  Forklifts | | 35/65R33 | L5S | — | ★★ | 122 | 97 | 2,774 | 39998 |



The MICHELIN® XSM® D2+ PRO L5S tire is designed for extreme conditions.

- Increase load capacity by up to 18%¹
- Improved aggression resistance due to new cables and NRF technology (reinforced sidewall plies)²
- Improved tire life in the harshest of conditions thanks to optimized tread compounds³

MICHELIN® XSM® D2+ PRO L5S

| | | SIZE | TRA CODE | ISO INDEX | STAR RATING/ PLY RATING | TD 32NDS | TD MM | SHIPPING WEIGHT (LBS) | MSPN |
|---|----------|----------|----------|-----------|----------------------------|----------|-------|-----------------------|-------|
|  Bottom Dump Trucks  Underground Haulers | TUBELESS | 17.5R25 | L5S | — | ★★★ | 98.3 | 78 | 675 | 1,140 |
| | | 18.00R25 | L5S | — | ★★★ | 120.9 | 96 | 1,140 | 57386 |
|  Underground Loaders | | 26.5R25 | L5S | — | ★★★ | 128.5 | 102 | 1,755 | 74661 |
| | | 29.5R29 | L5S | — | ★★★ | 141.1 | 112 | 2,273 | 22462 |

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

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

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

UNDERGROUND



The MICHELIN® Radial tire designed to deliver maximum protection in severe transport and abrasive underground mining conditions.

- Maximum protection from extreme jobsite hazards
- Promotes stability

MICHELIN® XK®

|  Bottom Dump Trucks  Underground Haulers  Underground Loaders | | SIZE | TRA CODE | ISO INDEX | STAR RATING/ PLY RATING | TD 32NDS | TD MM | SHIPPING WEIGHT (LBS) | MSPN |
|--|----------------|----------|----------|-----------|----------------------------|----------|-------|-----------------------|-------|
| | A TUBE TYPE | 12.00R24 | E3 | — | ★★★ | 27 | 21 | 259 | 06809 |
| | | 14.00R24 | E3 | — | ★★★ | 30 | 24 | 378 | 06866 |
| A TUBELESS | 17.50R25 | L3 | — | ★★ | 31 | 25 | 451 | 44735 | |



The MICHELIN® X® UM HAUL allows operators to increase loads and build productivity

- Most productive tire on the market with up to 360 TKPH / 247 TMPH¹
- 8.6% higher load-carrying capacity due to new cables, architecture and larger tire to carry 31.5 tons at 7 bar²
- 14 km max distance per hour thanks to a cooler compound and new tread pattern³
- Excellent adhesion thanks to a new innovative tread pattern that increases grip⁴

MICHELIN® X® UM HAUL

|  Underground Haulers | | SIZE | TRA CODE | ISO INDEX | STAR RATING/ PLY RATING | TD 32NDS | TD MM | SHIPPING WEIGHT (LBS) | MSPN |
|--|----------|----------|----------|-----------|----------------------------|----------|-------|-----------------------|-------|
| | TUBELESS | 35/65R33 | SH4 | — | ★★★★ | 76 | 60 | 2,271 | 78667 |

¹ The new MICHELIN® 35/65R33 X® UM HAUL tire is the most productive underground tire on the market. For trucks greater than 60 tons of payload, with up to 360 TKPH.

² The new MICHELIN® 35/65R33 X® UM HAUL tire get 8.6% more load capacity, to carry up to 31.5 tons at 7 bar due to new cables, architecture and larger tire.

³ The new MICHELIN® 35/65R33 X® UM HAUL tire was designed to 14 km max distance per hour thanks to a larger tire and cooler compound.

⁴ The new MICHELIN® 35/65R33 X® UM HAUL tire was designed to excellent adhesion thanks to a new innovative tread pattern that increases grip.

INDUSTRIAL AND PORT



The rugged, pneumatic MICHELIN® Radial tire designed for forklift trucks, terminal tractors and other industrial equipment used in heavy-duty applications.

- Designed for maximum uptime
- Exceptional treadwear
- Excellent stability and operator confidence
- Outstanding machine and payload protection

MICHELIN® X® ZM™

| | | SIZE | TRA CODE | ISO INDEX | STAR RATING/ PLY RATING | TD 32NDS | TD MM | SHIPPING WEIGHT (LBS) | MSPN |
|--|----------|------------------------|----------|-----------|----------------------------|----------|-------|-----------------------|-------|
| <p>Aircraft Push-Back Vehicles</p> <p>Container Handlers</p> <p>Forklifts</p> <p>Terminal Tractors</p> | TUBELESS | 5.00R8 | — | 111A5 | 10 | 29 | 23 | 23 | 86381 |
| | | 150/75R8 | — | 113A5 | 16 | 20 | 16 | 19 | 55004 |
| | | 180/70R8 | — | 125A5 | 16 | 24 | 19 | 29 | 64585 |
| | | 6.00R9 | — | 121A5 | 12 | 30 | 24 | 35 | 50734 |
| | | 200/75R9 | — | 134A5 | 16 | 28 | 22 | 40 | 79749 |
| | | 6.50R10 | — | 128A5 | 14 | 34 | 27 | 44 | 54636 |
| | | 225/75R10 | — | 142A5 | 20 | 30 | 24 | 49 | 59673 |
| | | 7.00R12 | — | 136A5 | 16 | 35 | 28 | 57 | 71359 |
| | | 250/60R12 | — | 153A5 | 20 | 33 | 26 | 55 | 07263 |
| | | 250/75R12 | — | 153A5 | 20 | 35 | 28 | 73 | 51744 |
| | | 7.00R15 | — | 143A5 | 14 | 35 | 28 | 71 | 85869 |
| | | 7.50R15 | — | 146A5 | 16 | 38 | 30 | 84 | 62488 |
| | | 8.25R15 | — | 153A5 | 18 | 41 | 33 | 112 | 56370 |
| | | 225/75R15 (28X9R15) | — | 149A5 | 16 | 31 | 25 | 68 | 55324 |
| | | 250/70R15 (250-15) | — | 153A5 | 18 | 35 | 28 | 76 | 50988 |
| | | 315/70R15 (300-15) | — | 165A5 | 18 | 44 | 35 | 132 | 85047 |
| | | 355/65R15 (350-15) | — | 170A5 | 20 | 44 | 35 | 146 | 81758 |
| | | 9.00R20 | — | 160A5 | 18 | 41 | 33 | 177 | 87259 |
| | | 10.00R20 | — | 166A5 | 18 | 44 | 35 | 204 | 42890 |
| | | 11.00R20 | — | 169A5 | 18 | 48 | 38 | 212 | 74767 |
| 12.00R20 | — | 176A5 | 20 | 50 | 40 | 256 | 78891 | | |
| 12.00R24 | — | 178A5 | 24 | 50 | 40 | 292 | 42105 | | |
| 14.00R24 | — | 193A5 | 32 | 79 | 63 | 514 | 93269 | | |
| 16.00R25 | — | 200A5 | 36 | 89 | 71 | 737 | 61590 | | |

A Tubeless Bead Seal must be used with the MICHELIN® X® ZM™ tire to make it tubeless.



The newly improved MICHELIN® industrial tire for high-load-capacity material handling equipment.

- More robust design
- Optimized wear
- For use on all axes
- Excellent productivity to reduce operating costs

MICHELIN® XZM® 2+

| | | SIZE | TRA CODE | ISO INDEX | STAR RATING/ PLY RATING | TD 32NDS | TD MM | SHIPPING WEIGHT (LBS) | MSPN |
|--|----------|-------|----------|-----------|----------------------------|----------|-------|-----------------------|-------|
| <p>Forklifts</p> <p>Reach Stackers</p> <p>Container Handlers</p> | TUBELESS | 18R33 | — | 207A5 | — | 98 | 78 | 1,124 | 98640 |

INDUSTRIAL AND PORT



The newly improved MICHELIN® industrial tire for high-load-capacity material handling equipment.

- More robust design
- Optimized wear
- For use on all axles
- Excellent productivity to reduce operating costs

MICHELIN® XZM® 2+^A

|  Forklifts  Reach Stackers  Forklifts | SIZE | TRA CODE | ISO INDEX | STAR RATING/ PLY RATING | TD 32NDS | TD MM | SHIPPING WEIGHT (LBS) | MSPN |
|--|----------|----------|-----------|-------------------------|----------|-------|-----------------------|------|
| | TUBELESS | 18R25 | — | 207A5 | — | 98.3 | 78 | 977 |



The MICHELIN® XZR Radial tire for airport ground support equipment, sweepers and forklifts has an exceptional total cost of ownership.

- Long tire life with very good resistance to irregular wear
- Optimized wear
- High carrying capacity
- Excellent traction in a variety of conditions

MICHELIN® XZR

|  Airport Ground Support Equipment  Sweeper  Forklifts | SIZE | TRA CODE | ISO INDEX | STAR RATING/ PLY RATING | TD 32NDS | TD MM | SHIPPING WEIGHT (LBS) | MSPN | |
|---|----------|----------|-----------|-------------------------|----------|-------|-----------------------|------|-------|
| | TUBELESS | 6.00R9 | — | 121A5 | 12 | 13 | 10 | 26 | 68425 |
| | | 6.50R10 | — | 128A5 | 14 | 14 | 11 | 34 | 79365 |
| | | 7.00R12 | — | 136A5 | 16 | 14 | 11 | 45 | 62234 |

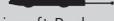


The long-lasting MICHELIN® Radial tire for straddle carriers is designed to deliver even treadwear and low operating costs in demanding port and terminal conditions.

- Increase in maximum distance per hour and top speed*
- New tread pattern designed for greater resistance to crown aggression*
- Reinforced bead area designed for maximum durability

*Compared to the MICHELIN® X-STRADDLE® tire.

MICHELIN® X-STRADDLE® 2

|  Dock Cranes  Aircraft Push-Back Vehicles  Straddle Carriers | SIZE | TRA CODE | ISO INDEX | STAR RATING/ PLY RATING | TD 32NDS | TD MM | SHIPPING WEIGHT (LBS) | MSPN |
|--|----------|-----------|-----------|-------------------------|----------|-------|-----------------------|-------|
| | TUBELESS | 450/95R25 | E3 | 202A7 | — | 63 | 50 | 603 |
| 480/95R25 | | E3 | 206A5 | — | 63 | 50 | 662 | 07011 |

INDUSTRIAL AND PORT



The MICHELIN® Radial tire designed to increase the productivity of reach stackers in demanding port and terminal conditions.

- Increase in maximum distance per hour of 40% vs. MICHELIN® STABIL'X® X STACKER® tire
- Dual compound in crown area designed to deliver longer wear life*
- Reinforced bead area with B2 Technology

*Compared to the MICHELIN® STABIL'X® X STACKER® tire.

MICHELIN® X STACKER® 2

|  Reach Stackers  Container Handlers | | SIZE | TRA CODE | ISO INDEX | STAR RATING/ PLY RATING | TD 32NDS | TD MM | SHIPPING WEIGHT (LBS) | MSPN |
|--|----------|----------|----------|-----------|----------------------------|----------|-------|-----------------------|-------|
| | TUBELESS | 18.00R25 | — | 207A5 | — | 91 | 72 | 1,021 | 26910 |



The long-lasting MICHELIN® Radial tire for terminal tractors is designed to deliver even treadwear and low operating costs in demanding port and terminal conditions.

- Non-DOT rated (not for highway service “NHS”)
- Exceptional treadwear
- All-wheel-position capability
- Outstanding machine and payload protection

MICHELIN® X TERMINAL-T®

|  Terminal Tractors | | SIZE | TRA CODE | ISO INDEX | STAR RATING/ PLY RATING | TD 32NDS | TD MM | SHIPPING WEIGHT (LBS) | MSPN |
|---|----------|-------------|----------|-----------|----------------------------|----------|-------|-----------------------|-------|
| | TUBELESS | 280/75R22.5 | — | 168A8 | 16 | 39 | 31 | 152 | 33193 |
| 310/80R22.5 | | — | 175A8 | 16 | 38 | 30 | 170 | 03379 | |



The smooth MICHELIN® Radial tire designed for compactors used in paving and asphalt applications.

- Excellent surface finish
- Excellent uptime
- Lower operating costs

MICHELIN® X® LISSE COMPACTEUR

|  Compactors | | SIZE | TRA CODE | ISO INDEX | STAR RATING/ PLY RATING | TD 32NDS | TD MM | SHIPPING WEIGHT (LBS) | MSPN |
|--|-----------|----------|----------|-----------|----------------------------|----------|-------|-----------------------|-------|
| | TUBE TYPE | 7.50R15 | C1 | — | — | 11 | 9 | 53 | 12568 |
| | | 13/80R20 | C1 | — | — | 15 | 12 | 147 | 06569 |
| | | 15.00R24 | C1 | — | — | 27 | 21 | 321 | 23826 |

COMPACT EQUIPMENT



All-terrain, steel-belted Radial tire designed to optimize "uptime" performance on high-usage construction and utility equipment.

- Steel crown belt package for improved resistance to penetration and flat crown for longer tread wear
- Longer turn-up of casing ply to reinforce the sidewall, increase stability and help resist perforation and scrubbing
- Excellent traction, maneuverability and comfort

MICHELIN® XMCL®

| | | METRIC SIZE | STANDARD SIZE | CONSTRUCTION | PLY RATING | TREAD DEPTH (32ND INCH) | SHIPPING WEIGHT (LBS) | MSPN |
|---|----------|-------------|---------------|--------------|------------|-------------------------|-----------------------|-------|
| <p>Backhoes Telescopic Handlers Compact Wheel Loaders</p> | TUBELESS | 280/80R18 | 10.5/80R18 | RADIAL | 10 | 35 | 96 | 25391 |
| | | 340/80R18 | 12.5/80R18 | RADIAL | 12 | 38 | 124 | 24643 |
| | | 400/70R18 | 16.0/70R18 | RADIAL | 14 | 38 | 140 | 39817 |
| | | 280/80R20 | 10.5/80R20 | RADIAL | 10 | 37 | 104 | 32621 |
| | | 340/80R20 | 12.5/80R20 | RADIAL | 12 | 37 | 135 | 00733 |
| | | 380/75R20 | 14.5/75R20 | RADIAL | 12 | 42 | 152 | 03424 |
| | | 400/70R20 | 16.0/70R20 | RADIAL | 16 | 42 | 154 | 02871 |
| | | 420/75R20 | 16.5/75R20 | RADIAL | 18 | 42 | 182 | 19152 |
| | | 400/70R24 | 16.0/70R24 | RADIAL | 16 | 42 | 176 | 92225 |
| | | 440/80R24 | 16.9R24 | RADIAL | 18 | 45 | 243 | 34933 |
| | | 460/70R24 | 17.5LR24 | RADIAL | 18 | 45 | 222 | 70333 |
| | | 500/70R24 | 19.5LR24 | RADIAL | 20 | 45 | 253 | 89582 |
| | | 540/70R24 | 21LR24 | RADIAL | 20 | 48 | 294 | 58268 |
| | | 480/80R26 | 18.4R26 | RADIAL | 20 | 45 | 287 | 22312 |
| | | 440/80R28 | 16.9R28 | RADIAL | 18 | 45 | 268 | 94482 |



Non-directional, steel-belted Radial tire designed for maximum tread life and traction on hard surfaces.

- Offers a tread face with up to 30% more tread surface than a standard R4 tread pattern.
- Diamond lug pattern creates constant traction provided by two sections of lug that are always in contact with the surface.
- Uses the same proven casing of the MICHELIN® XMCL™ tire with added reinforcements in the shoulder area for protection against scrub

MICHELIN® BIBLOAD® HARD SURFACE

| | | METRIC SIZE | STANDARD SIZE | CONSTRUCTION | PLY RATING | TREAD DEPTH (32ND INCH) | SHIPPING WEIGHT (LBS) | MSPN |
|---|----------|-------------|---------------|--------------|------------|-------------------------|-----------------------|-------|
| <p>Backhoes Telescopic Handlers Compact Wheel Loaders</p> | TUBELESS | 340/80R18 | 12.5/80R18 | RADIAL | 12 | 35 | 121 | 66605 |
| | | 400/70R18 | 16.0/70R18 | RADIAL | 14 | 37 | 140 | 09464 |
| | | 340/80R20 | 12.5/80R20 | RADIAL | 12 | 35 | 130 | 23767 |
| | | 400/70R20 | 16.0/70R20 | RADIAL | 16 | 37 | 150 | 18143 |
| | | 440/80R24 | 16.9R24 | RADIAL | 18 | 40 | 240 | 23762 |
| | | 460/70R24 | 17.5LR24 | RADIAL | 18 | 42 | 223 | 27534 |
| | | 500/70R24 | 19.5LR24 | RADIAL | 20 | 40 | 251 | 19122 |
| | | 540/70R24 | 21LR24 | RADIAL | 20 | 42 | 294 | 34928 |
| | | 480/80R26 | 18.4R26 | RADIAL | 20 | 42 | 285 | 46166 |
| | | 440/80R28 | 16.9R28 | RADIAL | 18 | 42 | 267 | 49461 |

COMPACT EQUIPMENT



Premium bias-ply tire designed for superb stability as well as impact and puncture resistance.

- To enhance puncture resistance, the sidewall thickness of the MICHELIN® Power CL tire is 20 mm compared to 12 mm for a leading competitor's tire
- High load capacity for increased productivity
- The sidewall rigidity of the tire allows for superior vertical and lateral stability

MICHELIN® POWER CL

|  Backhoes  Telescopic Handlers  Compact Wheel Loaders | | METRIC SIZE | STANDARD SIZE | CONSTRUCTION | PLY RATING | TREAD DEPTH (32ND INCH) | SHIPPING WEIGHT (LBS) | MSPN |
|--|--|-------------|---------------|--------------|------------|-------------------------|-----------------------|-------|
| TUBELESS | | 280/80-18 | 10.5/80-18 | BIAS | 10 | 33 | 84 | 38882 |
| | | 340/80-18 | 12.5/80-18 | BIAS | 12 | 30 | 114 | 04967 |
| | | 280/80-20 | 10.5/80-20 | BIAS | 10 | 34 | 93 | 28486 |
| | | 340/80-20 | 12.5/80-20 | BIAS | 12 | 32 | 119 | 56730 |
| | | 400/70-20 | 16.0/70-20 | BIAS | 16 | 37 | 146 | 18007 |
| | | 400/70-24 | 16.0/70-24 | BIAS | 20 | 37 | 174 | 60752 |
| | | 540/70R24 | 21L24 | RADIAL | 22 | 39 | 289 | 03270 |
| | | 400/80-24 | 15.5/80-24 | BIAS | 20 | 37 | 185 | 53837 |
| | | 440/80-24 | 16.9-24 | BIAS | 22 | 37 | 228 | 56443 |
| | | 460/70-24 | 17.5L24 | BIAS | 18 | 37 | 190 | 86617 |
| | | 500/70-24 | 19.5L24 | BIAS | 20 | 37 | 215 | 06567 |
| | | 480/80-26 | 18.4-26 | BIAS | 20 | 35 | 240 | 32114 |
| | | 440/80-28 | 16.9-28 | BIAS | 18 | 37 | 225 | 95541 |



The MICHELIN® R4 Radial high-speed tire designed to operate at elevated speeds and loads with excellent traction and mobility.

- Speed rated to 55 mph
- Steel crown belts and buttress shoulders to withstand jobsite conditions
- Exceptional high load capacity

MICHELIN® XM47

|  Backhoes  Telescopic Handlers  Compact Wheel Loaders | | METRIC SIZE | STANDARD SIZE | CONSTRUCTION | PLY RATING | TREAD DEPTH (32ND INCH) | SHIPPING WEIGHT (LBS) | MSPN |
|--|--|-------------|---------------|--------------|------------|-------------------------|-----------------------|-------|
| TUBELESS | | 405/70R20 | 16.0/70R20 | RADIAL | NA | 35 | 153 | 97684 |
| | | 425/75R20 | 16.5/75R20 | RADIAL | NA | 38 | 181 | 08686 |
| | | 445/70R24 | 17.5LR24 | RADIAL | NA | 43 | 205 | 13804 |
| | | 495/70R24 | 19.5LR24 | RADIAL | NA | 44 | 259 | 88892 |



The rugged MICHELIN® R4 Radial tire for backhoes and loaders designed to provide excellent traction and durability both on- and off-road.

- Excellent traction on soft ground and various road surfaces
- Extra durability and reduced downtime from flats
- Long tread life, especially when "roading" equipment

MICHELIN® XM27®

|  Backhoes (Front)  Telescopic Handlers  Compact Wheel Loaders | | METRIC SIZE | STANDARD SIZE | CONSTRUCTION | PLY RATING | TREAD DEPTH (32ND INCH) | SHIPPING WEIGHT (LBS) | MSPN |
|--|--|-------------|---------------|--------------|------------|-------------------------|-----------------------|-------|
| TUBELESS | | 11LR16 | 11LR16 | RADIAL | NA | 29 | 65 | 13902 |

COMPACT EQUIPMENT



A multipurpose Radial tire for use on the road, grass and snow.

- All-season use
- Non-directional tread design
- Great snow traction/studdable

MICHELIN® CROSSGRIP

| | | METRIC SIZE | STANDARD SIZE | CONSTRUCTION | PLY RATING | TREAD DEPTH (32ND INCH) | SHIPPING WEIGHT (LBS) | MSPN |
|--|----------|-------------|---------------|--------------|------------|-------------------------|-----------------------|-------|
|  Small Tractors  Backhoes  Compact Wheel Loaders  Telescopic Handlers | TUBELESS | 250/80R16 | n/a | RADIAL | | 21 | 62 | 97221 |
| | | 340/80R18 | 12.5/80R18 | RADIAL | | 26 | 115 | 31129 |
| | | 400/80R24 | 16.0/80R24 | RADIAL | | 33 | 194 | 76135 |
| | | 440/80R24 | 16.9R24 | RADIAL | | 33 | 240 | 74806 |
| | | 360/80R24 | 13.6R24 | RADIAL | | 33 | 165 | 15827 |
| | | 460/70R24 | 17.5R24 | RADIAL | | 33 | 198 | 11050 |
| | | 500/70R24 | 19.5R24 | RADIAL | | 33 | 243 | 63574 |
| | | 440/80R28 | 16.9R28 | RADIAL | | 33 | 254 | 52613 |
| | | 400/80R28 | 16.0/80R28 | RADIAL | | 33 | 212 | 38141 |
| | | 440/80R34 | 18.4R34 | RADIAL | | 35 | 287 | 41135 |
| | | 480/80R34 | 16.9R34 | RADIAL | | 35 | 324 | 56587 |
| | | 480/80R38 | 18.4R38 | RADIAL | | 37 | 353 | 06819 |
| | | 540/80R38 | n/a | RADIAL | | — | 445 | 65312 |



All-terrain Radial tire with all-steel casing and belt construction to provide excellent tire life, productivity, traction and puncture resistance.

- Exceptional tire life and operator comfort
- Reinforced sidewalls for high resistance to abrasion, punctures and impacts
- Capable of being retreaded
- 90-day satisfaction guarantee

MICHELIN® BIBSTEEL® ALL TERRAIN

| | | METRIC SIZE | STANDARD SIZE | CONSTRUCTION | PLY RATING | TREAD DEPTH (32ND INCH) | SHIPPING WEIGHT (LBS) | MSPN |
|--|----------|-------------|---------------|--------------|------------|-------------------------|-----------------------|-------|
|  Skid-Steer Loaders  Backhoes (Front)  Truck Mounted Forklift | TUBELESS | 210/70R15 | 27x8.5R15 | RADIAL | 8 | 19 | 44 | 20011 |
| | | 260/70R16.5 | 10R16.5 | RADIAL | 12 | 25 | 71 | 19038 |
| | | 300/70R16.5 | 12R16.5 | RADIAL | 14 | 29 | 91 | 34034 |
| | | 360/70R17.5 | 14R17.5 | RADIAL | 14 | 33 | 123 | 17395 |

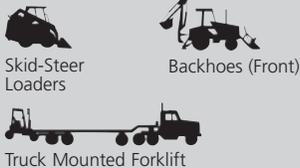
COMPACT EQUIPMENT



All-steel belt and steel-casing-construction Radial skid-steer tire built from superior rubber compound technology and optimized for hard surfaces like concrete and asphalt.

- Exceptional tire life and operator comfort
- Tread designed specifically for severe, high-scrub applications.
- Capable of being retreaded
- 90-day satisfaction guarantee

MICHELIN® BIBSTEEL® HARD SURFACE

|  | | METRIC SIZE | STANDARD SIZE | CONSTRUCTION | PLY RATING | TREAD DEPTH (32ND INCH) | SHIPPING WEIGHT (LBS) | MSPN |
|---|-------------|-------------|---------------|--------------|------------|-------------------------|-----------------------|-------|
| | TUBELESS | 260/70R16.5 | 10R16.5 | RADIAL | 12 | 23 | 73 | 38281 |
| | 300/70R16.5 | 12R16.5 | RADIAL | 14 | 27 | 93 | 84590 | |



Extremely versatile and comfortable-to-drive Radial tire with steel casing for resistance against impacts and cuts.

- Single fitment for wheeled excavator and other applications
- Improved service life due to robust shoulders and protected crown
- Tread pattern with central rib for better road handling

MICHELIN® XF

|  | | METRIC SIZE | STANDARD SIZE | CONSTRUCTION | PLY RATING | TREAD DEPTH (32ND INCH) | SHIPPING WEIGHT (LBS) | MSPN |
|---|-------------|-------------|---------------|--------------|------------|-------------------------|-----------------------|-------|
| | TUBELESS | 445/70R19.5 | 18R19.5 | RADIAL | — | 23 | 240 | 81617 |
| | 445/70R22.5 | 18R22.5 | RADIAL | — | 25 | 265 | 33819 | |



Airless Radial tire designed for skid-steer loaders.

- Outstanding stability contributes to high machine productivity
- Unique spoke design helps reduce “bounce” and driver fatigue associated with pneumatic tires
- Consistent footprint, with tread designed to last 2–3 times longer than a pneumatic tire at equal tread depth, and capable of being retreaded

MICHELIN[®] X[®] TWEEL[®] SSL 2

|  Skid-Steer Loaders  Truck Mounted Forklift | AIRLESS | DESCRIPTION | SIZE | MAX LOAD @ 15KM/H | TREAD DEPTH (32ND INCH) | UNDERTREAD | SHIPPING WEIGHT (LBS) | MSPN |
|--|---------|---------------------------|---------|-------------------|-------------------------|------------|-----------------------|-------|
| | | X TWEEL SSL 2 ALL-TERRAIN | 12N16.5 | 4,400 lbs. | 31 | 12/32nds | 211.0 lbs. | 07013 |
| X TWEEL SSL 2 HARD SURFACE TRACTION | 12N16.5 | 4,400 lb | 48 | 8/32nds | 240.0 lbs | 45604 | | |
| X TWEEL SSL 2 ALL-TERRAIN | 10N16.5 | 3,700 lbs | 31 | 10/32nds | 160.0 lbs | 93405 | | |
| X TWEEL SSL 2 HARD SURFACE TRACTION | 10N16.5 | 3,700 lbs | 48 | 10/32nds | 190.0 lbs | 69607 | | |
| X TWEEL SSL 2 ALL-TERRAIN/2-PIECE HUB* | 12N16.5 | 4,400 lbs | 31 | 12/32nds | 226.0 lbs | 76642 | | |
| X TWEEL SSL 2 HARD SURFACE TRACTION/ 2-PIECE HUB* | 12N16.5 | 4,400 lbs | 48 | 8/32nds | 255.0 lbs | 56289 | | |

*Includes improved shear beam and new spoke material introduced with SSL 2 but does not include the MICHELIN[®] X[®] Tweel[®] SSL 2 interlocking hub. Product measurements are subject to change and are listed here for your convenience. Please see your Michelin representative for up-to-date data.



Airless Radial tire designed for zero-turn and stand-on mowers.

- Consistent hub height helps ensure the mower deck produces an even cut
- Excellent lateral stability on hillsides and sloped surfaces, and outstanding operator comfort, even when navigating over curbs and other bumps
- High-performance compounds and an efficient contact patch designed to provide a long wear life that is 2–3 times that of a pneumatic tire at equal tread depth

MICHELIN[®] X[®] TWEEL[®] TURF

|  Zero-Turn Mower  Stand-On Mower | AIRLESS | SIZE | CENTER COLOR | MAX LOAD | TREAD DEPTH | WHEEL OFFSET (IN) | BOLTS/ BOLT CIRCLE | WEIGHT (LBS.) | MSPN |
|---|---------|-----------|--------------|----------|-------------|-------------------|--------------------|---------------|-------|
| | | 18x8.5N10 | Black | 529 | | -0.4 | 4x4 in. | 28.4 | 01133 |
| 22x11N12 | Black | 529 | | -1.1 | 4x4 in. | 38.3 | 37968 | | |
| 22x11N12 XL | Black | 727 | | -1.375 | 5x4.5 in. | 39.5 | 47260 | | |
| 24x12N12 | Black | 750 | | -0.75 | 4x4 in. | 47.7 | 50357 | | |
| 24x12N12 | Black | 750 | | -2.2 | 4x4 in. | 48.2 | 77185 | | |
| 24x12N12 | Black | 750 | | -1.3 | 5x4.5 in. | 47.7 | 54411 | | |
| 24x12N12 | Black | 750 | | 0.67 | 5x4.5 in. | 47.7 | 14365 | | |
| 24x12N12XL | Black | 868 | | -2.2 | 4x4 in. | 49.4 | 06358 | | |
| 26x12N12 | Black | 1031 | | -0.87 | 4x4 in. | 58.6 | 08189 | | |
| 26x12N12 | Black | 1031 | | -2.2 | 5x4.5 in. | 60.3 | 25913 | | |
| 26x12N12 | Black | 1031 | | 0.67 | 5x4.5 in. | 59.4 | 25926 | | |



Airless Radial tire designed for the front of mowers.

- Durable, polyresin tread helps provide long wear life
- Integrated metal center hub with OEM-quality sealed bearings, available for 5/8"- and 3/4"-diameter axle bolts. Spacers are available to adapt fit for a variety of popular mowers
- Unique circular outer beam functions like a spring, creating suspension-like characteristics for the front of the mower

MICHELIN[®] X[®] TWEEL[®] CASTER

|  Zero-Turn Mower (Front) | | SIZE | TREAD | MAX LOAD | AXEL BOLT DIAMETER | WEIGHT (LBS.) | MSPN |
|--|----------|----------|----------|----------|--------------------|---------------|-------|
| | AIRLESS | 13x6.5N6 | Grooved | 290 lbs. | 5/8 in. | 12.5 | 73818 |
| | 13x6.5N6 | Grooved | 290 lbs. | 3/4 in. | 12.3 | 52441 | |
| | 13x6.5N6 | Smooth | 290 lbs. | 5/8 in. | 12.6 | 41011 | |
| | 13x6.5N6 | Smooth | 290 lbs. | 3/4 in. | 12.4 | 05768 | |
| | 15x6.0N6 | Smooth | 370 lbs. | 5/8 in. | 15.4 | 49136 | |
| | 15x6.0N6 | Smooth | 370 lbs. | 3/4 in. | 15.2 | 31716 | |



Airless Radial tire designed for golf carts and utility vehicles.

- Unique spoke design helps dampen the ride for enhanced rider comfort when driving over gravel, uneven pavement and bumps
- Full-width polyresin spokes help provide outstanding lateral stiffness for excellent side-hill stability
- Designed to provide excellent traction and long wear life—up to two times longer than a pneumatic golf cart tire



MSPN 01133
Golf cart hub
(includes center dust cap)



MSPN 78245
Utility cart hub
(shown above)

MICHELIN[®] X[®] TWEEL[®] FOR GOLF CARTS AND UTILITY VEHICLES

|  Golf Cart/Utility Vehicles | | SIZE | WHEEL OFFSET | MAX SPEED | MAX LOAD | BOLTS/ BOLT CIRCLE | WEIGHT (LBS.) | MSPN |
|---|--|--|--------------|-----------|----------|--------------------|---------------|-------|
| | AIRLESS | X TWEEL TURF for Golf Carts (Comfort) 18x8.5N10 (205/50N10) | -0.4 in | 25 mph | 529 lbs. | 4x4 in. | 28.4 | 01133 |
| | X TWEEL TURF for UTILITY VEHICLES 18x8.5N10 (205/50N10) | -0.4 in | 25 mph | 705 lbs. | 4x4 in. | 27.6 | 78245 | |



Airless Radial tire designed for UTVs and ATVs.

- Designed specifically for difficult environments and conditions where vehicles are exposed to rugged roads, jagged terrain and other elements hostile to ordinary tires
- Full-width, polyresin spokes help dampen the ride for enhanced operator comfort, while providing outstanding lateral stiffness, excellent cornering and side-hill stability
- Low-pressure contact patch helps provide outstanding off-road traction

MICHELIN[®] X[®] TWEEL[®] UTV/ATV

| | | SIZE | MAX LOAD (LBS.) | MAX SPEED | BOLT PATTERN | OFFSET (MM) | CENTER HOLE DIA. | WEIGHT (LBS.) | MSPN |
|--|--|-------------|-----------------|-----------|--------------|-------------|------------------|---------------|--------|
|  UTV  ATV AIRLESS | | 26x9N14 | 506 | 50 mph | 4x110 mm | +45 | 2.7 in | 50 | 68495 |
| | | 26x9N14 69J | 715 | 62 mph | 4x110 mm | +52 | 2.7 in | 57 | 67693 |
| | | 26x9N14 69J | 715 | 62 mph | 4x115 mm | +52 | 2.7 in | 57 | 65492 |
| | | 26x9N14 69J | 715 | 62 mph | 4x156 mm | +30 | 5.2 in | 50 | 75085 |
| | | 26x9N14 69J | 715 | 62 mph | 4x137 mm | +48 | 4.4 in | 50 | 741944 |
| | | 26x9N14 69J | 715 | 62 mph | 5x4.5 in | +25 | 3.13 in | 50 | 49265 |
| | | 26x11N14 | 1323 | 62 mph | 4x110 mm | +35 | 2.7 in | 79 | 64998 |
| | | 26x11N14 | 1323 | 62 mph | 4x115 mm | +35 | 2.7 in | 79 | 03488 |
| | | 26x11N14 | 1323 | 62 mph | 4x156 mm | +42 | 5.2 in | 79 | 82599 |
| | | 26x11N14 | 1323 | 62 mph | 4x137 mm | +35 | 4.4 in | 79 | 29242 |
| | | 26x11N14 | 1323 | 62 mph | 5x4.5 in | +40 | 3.13 in | 79 | 10545 |

X[®] TWEEL[®] ADAPTERS

2-PIECE HUB MODELS AVAILABLE WITH ADAPTERS



2-Piece Hub X TWEEL SSL shown without a hub adapter installed

- Five adapters enable the X[®] TWEEL[®] Airless Radial tire to be used with a range of equipment



**Hub Adapter
MSPN 47139
CAI 419992**

12 mm thick 1015 carbon steel / reversible
8.75" (222.3 mm) center dia.
8 x 10.91" bolt pattern
0.79" (20 mm) bolt holes, no taper
Fits front of Case backhoe loader machines



**Hub Adapter
MSPN 47462
CAI 481115**

12 mm thick 1015 carbon steel / reversible
9.0" (228.6 mm) center dia.
8 x 10.75" bolt pattern
0.67" (17 mm) bolt holes, tapered
Fits some Bobcat machines



**Hub Adapter
MSPN 47868
CAI 291074**

12 mm thick 1015 carbon steel / reversible
6.0" (152.4 mm) center dia.
8 x 8.0" bolt pattern
0.67" (17 mm) bolt holes, tapered
Use adapter to change offset on 8 x 8.0" standard fitment size



**Hub Adapter
MSPN 04630
CAI 336820**

12 mm thick 1015 carbon steel / reversible
3.68" (93.5 mm) center dia.
10 x 140 mm bolt pattern
0.63" (16 mm) bolt holes, tapered
Fits some truck mounted forklifts



**Hub Adapter
MSPN 47999
CAI 336959**

12 mm thick 1015 carbon steel / reversible
Blank for custom applications, including a specific bolt configuration not identified here

X[®] TWEEL[®] SPACERS FOR CASTERS

HUB DIAMETER / SPACERS

The MICHELIN[®] X[®] TWEEL[®] caster is available for 5/8"- and 3/4"-diameter axle bolt diameters. **NOTE:** Depending on axle diameter and fork width, spacers may be required for proper installation. Refer to the chart on the right for part numbers and dimensions.*

Additional fitment information is available at tweel.michelinman.com.

| MSPN | CAI | Spacer | Axle Bolt Diameter | Bushing Width | Ass'y / Fork Inside Width |
|-------|--------|--------|--------------------|---------------|---------------------------|
| 34578 | 899379 | | 1/2" | 5/16" | 6-3/8" |
| 38182 | 391030 | | 1/2" | 5/8" | 7" |
| 40653 | 857027 | | 1/2" | 1" | 7-3/4" |
| 65019 | 227555 | | 3/4" | 1" | 7-3/4" |
| 34193 | 146756 | | 5/8" | 5/8" | For John Deere 997 |
| 30927 | 280161 | | 1/2" - 3/4" | 2-1/8" | Bearing Dust Cap |

EARTHMOVER TUBES & FLAPS

| | | MICHELIN® AIRSTOP® TUBES* | | | FLAPS | |
|--------------|-----------|---------------------------|-----------------|-------|--------------------|-------|
| RIM DIAMETER | SIZE | TUBE CODE | VALVE REFERENCE | MSPN | FLAP CODE | MSPN |
| 15" | 7.50R15 | 15/16 J | 570 | 17542 | 15 x 6.00 E MI | 38045 |
| | 8.25R15 | 15 K | 1221 | 38850 | 15 x 6.00 E MI | 38045 |
| 20" | 9.00R20 | 20 M | 1157 | 25980 | 20 x 7.50 | 43689 |
| | 10.00R20 | 20 N | 1158 | 17078 | 20 x 7.50 | 43689 |
| | 11.00R20 | 20 P | 1158 | 06934 | 20 x 8.50 E MI | 35472 |
| | 12.00R20 | 20 Q | 1158 | 39144 | 20 x 8.50 E MI | 35472 |
| | 14.00R20 | 20 Q | 1158 | 39144 | 20 x 10.00 E MI | 45030 |
| 24" | 12.00R24 | 24 Q | 582 | 11708 | 24/25 x 8.50 E | 63382 |
| | 13.00R24 | 24 TD | 577 | 10168 | | |
| | 14.00R24 | | | | | |
| | 14.9R24 | | | | | |
| 24/25" | 14.00R24 | 24/25 T | 752 | 49015 | | |
| | 15.00R24 | | | | | |
| | 13.00R25 | | | | | |
| | 14.00R25 | | | | | |
| | 14.00R24 | 24/25 T AM | 1837 (TRJ650) | 01072 | | |
| | 15.00R24 | | | | | |
| | 14.00R25 | | | | | |
| | 17.5R25 | 24/25 V AM | 1837 (TRJ650) | 33216 | | |
| | 16.00R24 | | | | | |
| | 16.00R25 | | | | | |
| 20.5R25 | | | | | | |
| 25" | 15.5R25 | 25 S AM | 1837 (TRJ650) | 11562 | | |
| | 395/80R25 | | | | | |
| | 18.00R25 | 25 W AM | 1837 (TRJ650) | 36098 | | |
| | 23.5R25 | | | | | |
| | 21.00R25 | 25 YB AM | 1837 (TRJ650) | 09744 | | |
| | 26.5R25 | | | | | |
| | 29.5R25 | | | | | |
| 33" | 33.5R33 | 33/35 YE AM | 1837 (TRJ650) | 58257 | 20-33 | 15578 |
| 35" | 33.25R35 | 33/35 YE AM | 1837 (TRJ650) | 58257 | | |

*Several tube/valve options may be offered for a given tire size. Consult MICHELIN® Earthmover or Industrial Tires Technical Data Books. MICHELIN® AIRSTOP® tubes should be used in MICHELIN® Radial tube-type tires.

INDUSTRIAL TUBES & FLAPS

| | | MICHELIN® AIRSTOP® TUBES* | | | FLAPS | |
|--------------|--|---------------------------|-----------------|-------|-------------------|-------|
| RIM DIAMETER | SIZE/TYPE | TUBE CODE | VALVE REFERENCE | MSPN | FLAP CODE | MSPN |
| 8" | 5.00R8 (5.70R8) X® ZM™ | 8 CG | 570 | 33788 | | |
| | 150/75R8 (16x6R8) X® ZM™ | | | | | |
| | 125/75R8 (15x4 1/2 R8) X® ZM™ | 8 B | 1003 | 12764 | | |
| | 180/70R8 (18x7R8) X® ZM™ | 8 D | 570 | 04944 | | |
| 9" | 6.00R9 (6.90R9) X® ZM™ | 9 F | 570 | 30370 | 110-9 LDE | 80617 |
| | 200/75R9 (21x8R9) X® ZM™ | | | | | |
| 10" | 6.50R10 X® ZM™ | 10 F | 1012 | 30672 | 150-10 LDE | 81200 |
| | 225/75R10 (23x9R10) X® ZM™ | | | | 7-10 | 49247 |
| 12" | 7.00R12 X® ZM™ | 12 H | 578 | 13754 | 125-12LDE | 81467 |
| | 250/75R12 (27x10R12) X® ZM™ | 12 KD | 578 | 08398 | | |
| 15" | 250/70R15 X® ZM™ | 15/16 J | 570 | 17542 | | |
| | 7.00R15 X® ZM™ | 15/16 F | 570 | 23262 | 15x6.00 E MI | 38045 |
| | 225/75R15 (28x9R15) X® ZM™ | | | | | |
| | 8.25R15 X® ZM™ | 15 K | 1221 | 38850 | 15x6.00 E MI | 38045 |
| | 7.50R15 X® ZM™ | 15/16 J | 1221 | 73993 | 15x6.00 E MI | 38045 |
| 20" | 9.00R20 X® ZM™ | 20 M | 1157 | 25980 | | |
| | 10.00R20 X® ZM™ | 20 N | 1158 | 17078 | | |
| | 11.00R20 X® ZM™ | 20 P | 1158 | 06934 | 20 x 8.50 E MI | 35472 |
| | 12.00R20 X® ZM™ | 20 Q | 1158 | 39144 | 20 x 8.50 E MI | 35472 |
| 24" | 12.00R24 X® ZM™ | 24 Q | 582 | 11708 | 24/25 x 8.50 E | 63382 |
| | 14.00R24 X® ZM™ | 24/25 T | 752 | 49015 | | |
| 25" | 16.00R25 X® ZM™ | 24/25 VAM | 1837 | 33216 | | |
| | 18.00R25 X® ZM™ 2 18.00R25 X® ZM™ 2+ | 25 WAM | | 36098 | | |

* Several tube/valve options may be offered for a given tire size. Consult MICHELIN® Earthmover or Industrial Tires Technical Data Books. MICHELIN® AIRSTOP® tubes should be used in MICHELIN® Radial tube-type tires.

EARTHMOVER O RINGS

| RIM DIAMETER | O RING CODE | REF. NUMBER | MSPN |
|---------------------|---------------------|--------------------|-------------|
| 20" | A20 Tryan Gasket | R 1443 | 49411 |
| 21" | OR 6-6-21 | R 1506 | 49460 |
| 24" | G25 Iceru-Bead Seal | R 1237 | 23705 |
| 24/25" | OR 2-25 Heupo | R 1438 | 15743 |
| 25" | OR 3-25 Sulla | R 1437 | 15867 |
| 29" | OR 3-29 Sulky | R 1439 | 15875 |
| 33" | OR 3-33 Strix | R 1440 | 15859 |
| 35" | OR 3-35 Stras | R 1441 | 15842 |
| 39" | OR 3-39 Fuodi | R 1069 | 15727 |
| 45" | OR 9-8-45 | R 1580 | 26641 |
| 49" | OR 3-49 Heyco | R 1442 | 15750 |
| 51" | OR 4-51 | R 1479 | 15883 |
| 57" | OR 4-57 | R 1481 | 49452 |
| 63" | OR 4-63 | R 2053 | 98091 |

TIGRE GREASE

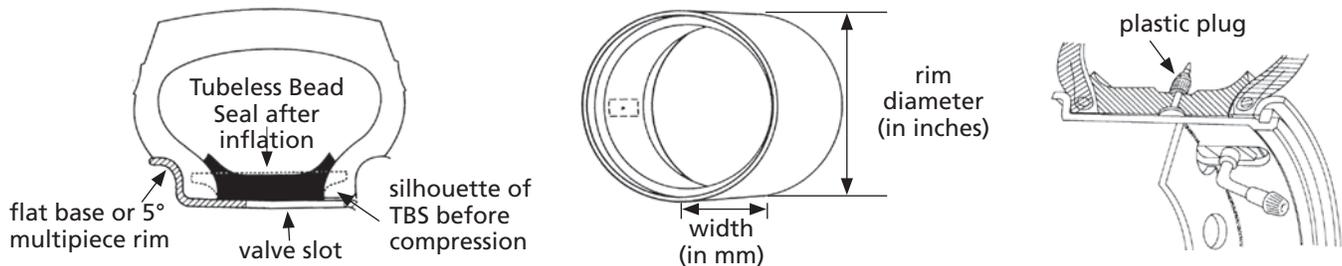
Special Michelin lubricant for proper installation of MICHELIN® tires on rims and wheels.

| MSPN | MSRP (US\$) |
|-------------|---------------------------------|
| 25817 | \$30.00 (4 kg container) |

TUBELESS BEAD SEAL (TBS)



INSTALLATION - CROSS SECTION OF AN INSTALLED TBS



FITMENT CHART

| RIM DIAMETER | WIDTH | MICHELIN® TUBELESS TIRE SIZE | | | TBS DESCRIPTION | CAI | VALVE REFERENCE | PLUG INCLUDED | MSPN |
|--------------|---------|------------------------------|--------------|--------------|-----------------|--------|-----------------|---------------|-------|
| 8" | 3 1/4 I | 5.00R8 TL | | | 80 TL 8 | 102150 | R2102 | N/A | 84926 |
| | 3.00 D | | | | | | | | |
| | 4.33 R | 150/75R8 TL | | | 110TL 8 | 613972 | R2102 | N/A | 26718 |
| 9" | 4.00 E | 6.00R9 TL | | | 100 TL 9 | 102151 | R2160 | N/A | 69795 |
| | 6.00 E | 200/75R9 TL | | | 150 TL 9 | 102182 | R2102 | R2110 | 15053 |
| 10" | 5.00 F | 6.50R10 TL | | | 125 TL 10 | 102183 | R2102+R2161 | N/A | 57588 |
| | 6.50 F | 225/75R10 TL | | | 165 TL 10 | 62642 | R2102 | N/A | 95035 |
| 12" | 5.00 S | 7.00R12 TL | | | 125 TL 12 | 522788 | R2102 | N/A | 88386 |
| | 8.00 G | 250/75R12 TL | | | 200 TL 12 | 787198 | R2101 | N/A | 29487 |
| 15" | 5.5 | 7.00R15 TL | | | 140 TL 15 | 454346 | R2102 | N/A | 89690 |
| | 6 | 7.00R15 TL | 7.50R15 TL | | 150 TL 15 | 702507 | R2101 | N/A | 92571 |
| | 6.5 | 7.50R15 TL | 8.25R15 TL | | 165 TL 15 | 575769 | R2102 | R2110 | 84045 |
| | 7 | 8.25R15 TL | 225/75R15 TL | 250/70R15 TL | 175 TL 15 | 260511 | R2102 | R2110 | 74870 |
| | 7.5 | 250/70R15 TL | | | 190 TL 15 | 464164 | R2102 | R2110 | 90392 |
| | 9.75 | 355/65R15 TL | | | 250 TL 15 | 26320 | R2102 | R2110 | 80168 |
| 20" | 7 | 9.00R20 TL | 10.00R20 TL | | 175 TL 20 | 102087 | R2102 | R2110 | 92802 |
| | 7.5 | 9.00R20 TL | 10.00R20 TL | 11.00R20 TL | 190 TL 20 | 102083 | R2102 | R2110 | 91073 |
| | 8 | 10.00R20 TL | 11.00R20 TL | 12.00R20 TL | 200 TL 20 | 102085 | R2102 | R2110 | 40123 |
| | 8.5 | 11.00R20 TL | 12.00R20 TL | | 215 TL 20 | 102086 | R2102 | R2110 | 98723 |

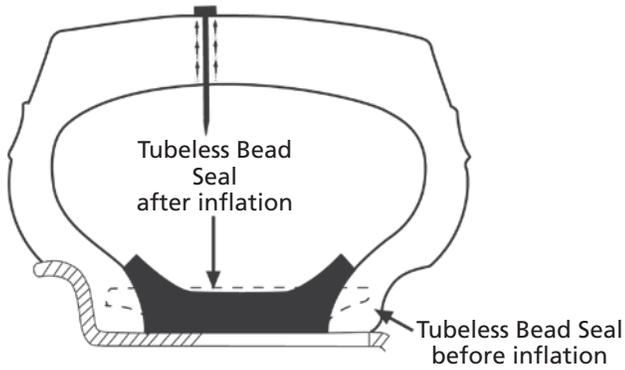
| | | |
|--|-------|-------|
| Small-base, extra-short valve (TBS 80TL8 and 100TL9) | R2160 | 45842 |
| Short 94° valve | R2102 | 52412 |
| Long 94° valve | R2161 | 03129 |
| Long 120° valve | R2101 | 90830 |
| Plug | R2110 | 46701 |
| Washer (To reduce oversized valve/slot opening) | N/A | 87557 |
| TBS press | N/A | 45666 |

Each TBS is shipped with the most common valve size for each dimension (refer to table above).

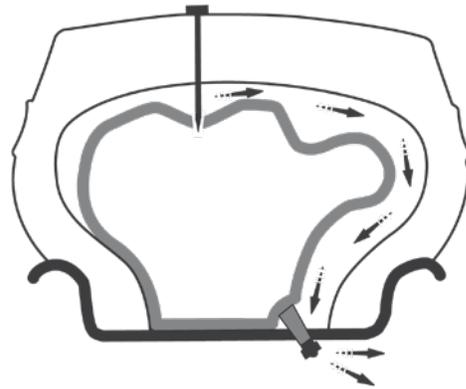
If a different valve is required, please contact Michelin customer service.

TUBELESS BEAD SEAL™ (TBS™)

TUBELESS BEAD SEAL



TUBE-TYPE SYSTEM



ADVANTAGES:

- Slower air loss
- Equipment still mobile and productive
- No problems with tubes

DISADVANTAGES:

- Rapid deflation
- Risk of load or equipment damage
- Instant work stoppage

TBS™ PRESS

MSPN MSRP (USD)

45666 \$753.00



Equipment Supply Company

Order Directly

1 (800) 352-9852 (US)

1 (352) 754-1117 (Canada & Mexico)



Special Michelin Price
(US\$) \$350.00 + S/H
ESCO part #70161



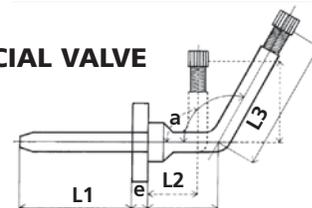
SAFETY

Tire fitters should always wear gloves and safety footwear; however, safety glasses are mandatory. All tire-fitting safety rules must be observed. The fittings area should be clean and well ventilated, and equipment should be in good condition. Always use a safety cage when inflating a tire.

VALVE SPECIFICATIONS

| REFERENCE | R2160 | R2102 | R2101 | R2161 |
|-----------|-------|-------|---------|-------|
| a | 94° | 94° | 102° | 94° |
| L1 | 37 mm | 37 mm | 37 mm | 37 mm |
| L2 | 18 mm | 16 mm | 22.5 mm | 14 mm |
| L3 | 25 mm | 25 mm | 43 mm | 55 mm |
| e | 3 mm | 5 mm | 5 mm | 5 mm |

SPECIAL VALVE



GUARANTEES

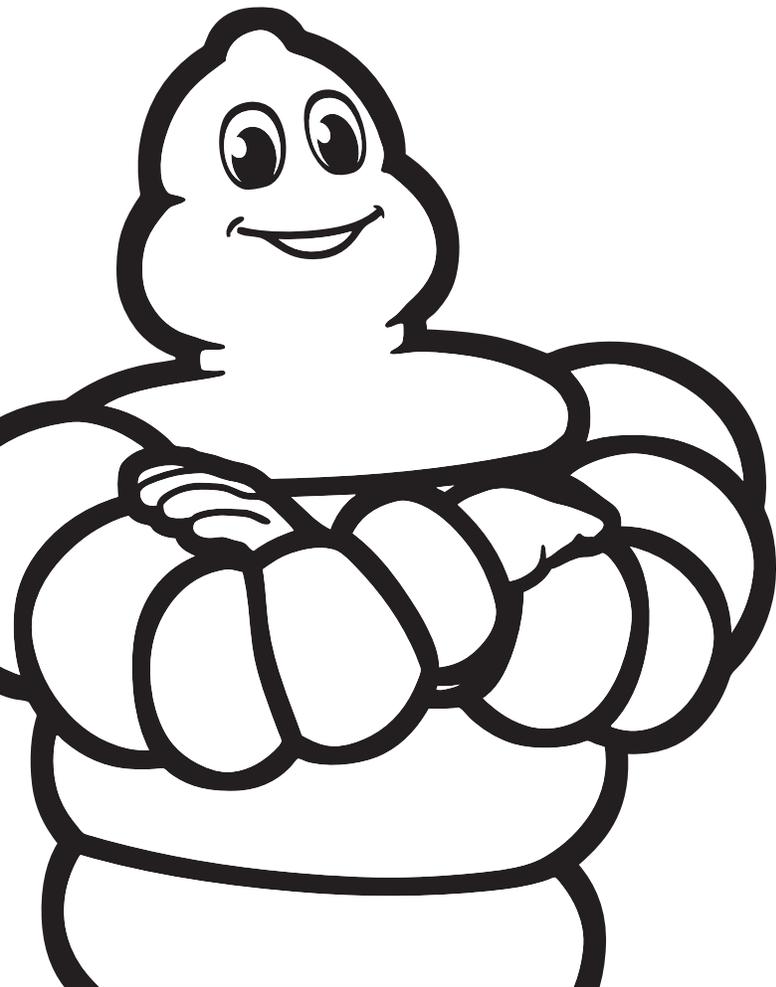


MICHELIN[®] X[®] TWEEL[®]

MICHELIN® EARTHMOVER TOTAL SATISFACTION GUARANTEE

THE ALL-ENCOMPASSING EARTHMOVER WARRANTY*

You can trust Michelin to work for your construction, quarry and port applications. We stand behind our Earthmover tires because we know they offer greater durability, optimized traction, enhanced retreadability and increased operator comfort. And we have the guarantees to prove it.



6-MONTH GUARANTEE FOR FLATS

We're so confident that your new MICHELIN® Earthmover radial tires will reduce your downtime and enhance operator comfort, that Michelin will pay for the repair and related service at an Authorized MICHELIN® Earthmover Dealer for your first puncture or sidewall penetration that causes deflation should one occur during your first six months of ownership.* And if the tire is not repairable, we'll replace it.*

30-DAY GUARANTEE FOR OVERALL PERFORMANCE

Plus, if you're not completely satisfied with the performance of your new MICHELIN® Earthmover tires after trying them for 30 days, we'll replace them free of charge. We'll even pay for your Authorized MICHELIN® Earthmover Dealer to service and mount your replacement tires.

*Offer valid for tires 49" and below and excludes tires used in surface mining, underground mining, small industrial and mobile crane single-piece aluminum wheel applications. See program guidelines on reverse side for complete details and eligibility.



MICHELIN® EARTHMOVER TOTAL SATISFACTION GUARANTEE



MICHELIN® tires are designed to be the most productive tires on the market. The exceptionally durable MICHELIN® Earthmover radial tire is no different: it is an investment that helps reduce operating costs and, ultimately, helps increase your bottom line.



Program Guidelines:

Offer applies to the purchase of MICHELIN® Earthmover tires (excluding tires used in surface mining, underground mining, small industrial and mobile crane single-piece aluminum wheel applications) and is effective beginning May 1, 2014. Offer applies only for tires purchased for all wheel positions on the customer-owned machine, no partial guarantee applies (i.e. all tires on machine must be replaced with MICHELIN® Earthmover tires at the same time). Must either be the original purchaser/owner of equipment for new equipment delivery or the original purchaser of tires for replacement use. No reimbursement or payment to non-Michelin Dealers or customers who mount their own tires. Date of delivery or proof of purchase is required. Michelin will pay for the repair or replacement of the first puncture or penetration that causes a deflation and applicable service charges if incident occurs during normal operation within 6 months of the date of purchase (excluding intentional or negligent damage or acts of God). Michelin will pay for repair, replacement or related service via a credit to an Authorized Michelin Dealer only. Michelin is not responsible for completing the repair. Scrapyard, recycling, logging, block handling, waste industry or similar applications are also excluded from this offer. All Michelin Limited Warranty exclusions still apply. See Authorized Michelin Dealer and warranty for details. (Note: See Current Michelin Earthmover, Off-The-Road, and Industrial Tire Limited Warranty.) All Guarantee changes must be verified through your local Michelin Earthmover Sales Representative. Michelin Earthmover reserves the right to discontinue, modify, and/or supplement all of the policies, terms, and/or allowances of this program explained above at any time without prior notice.



*X Mine® D2 35/65R33 tire is still available.

BIBSTEEL PROMISE PLAN

**YOUR SATISFACTION
IS OUR PROMISE**

What tires qualify for claim reimbursement?*

The BibSteel™ Promise Plan is only applicable on MICHELIN® BibSteel™ radial tires listed in the chart on the inside of this brochure.

What is excluded?

Damage due to misuse, abuse or accident such as:

- Road Hazards (cuts, snags, bruises, or impact damage)
- Incorrect mounting of the tire or an improper repair
- Misapplication, improper maintenance, underinflation, overinflation, or other abuse
- Uneven or rapid wear which is caused by mechanical irregularity in the vehicle such as wheel misalignment
- Accident, fire, chemical corrosion, tire alteration or vandalism
- Cosmetic ozone or weather cracking
- Use of MICHELIN Bibsteel tires that is inconsistent with the safety and/or maintenance

How can I submit a claim?

Contact your local Michelin sales representative or email to bibsteel.promise@michelin.com. You will need to provide a copy of your original invoice with the machine hours documented.*

* Credit and repair only applicable to originating Michelin direct dealer.



 **90-DAY SATISFACTION**

 **WEAR WARRANTY**

 **FLAT TIRE REPAIR**

WHAT IS THE BIBSTEEL™ PROMISE PLAN?



90 90-DAY SATISFACTION*

If you're not 100% satisfied with your new MICHELIN® BibSteel™ tires, just bring the tires and original sales receipt back to the point of purchase within 90 days. We will gladly refund the price of the tires.

W 600 HOUR WEAR WARRANTY*

Once your remaining tread depth is at 2/32", check your machine hours. If your MICHELIN Bibsteel tires have lasted less than 600 hours, visit your point of purchase to get reimbursed based on the coverage rate reimbursement chart. **Note:** the dealer must document the machine hours on the invoice when the new Michelin Bibsteel tires are mounted.

6 MONTH FLAT TIRE REPAIR*

If you get a flat tire while operating in an approved application within a 6-month period from the original invoice date, just take the tire to your point of purchase and have them repair it. The dealer will provide Michelin with a copy of your original invoice and an invoice for the repair, and we'll credit the dealer back \$30 for each flat tire within that 6-month period.

* Credit and repair only applicable to originating Michelin direct dealer.

| Eligible Tires* |
|---|
| 210/70R15 117A8/B (27x8.5R15) BIBSTEEL AT |
| 260/70R16.5 129A8/B (10R16.5) BIBSTEEL AT |
| 260/70R16.5 129A8/B (10R16.5) BIBSTEEL HS |
| 300/70R16.5 137A8/B (12R16.5) BIBSTEEL AT |
| 300/70R16.5 137A8/B (12R16.5) BIBSTEEL HS |
| 360/70R17.5 148A8 (14R17.5) BIBSTEEL AT |

| Coverage Rate Reimbursement* | % |
|------------------------------|-----|
| 100 Machine Hours | 80% |
| 200 Machine Hours | 70% |
| 300 Machine Hours | 50% |
| 400 Machine Hours | 30% |
| 500 Machine Hours | 10% |
| 600 Machine Hours | 0% |



MICHELIN® Bibsteel® All Terrain



MICHELIN® Bibsteel® Hard Surface

- All-steel casing and belt construction that provides excellent tire life, productivity, traction and puncture resistance.
- Reinforced sidewalls which enables high resistance to abrasion, punctures and impacts
- Capable of being retreaded

MICHELIN NORTH AMERICA, INC.
One Parkway South, P.O. Box 19001
Greenville, South Carolina 29602-9001
1-877-574-8473

MICHELIN NORTH AMERICA (CANADA), INC.
2500 Boul. Daniel Johnson, Suite 500
Laval, Quebec, Canada H7T 2P6
1-800-361-0084

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Av. 5 de Febrero No. 2113-A
Fracc. Industrial Benito Juarez
Querétaro, Qro. C.P. 76120
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MEL41890 (03/22)