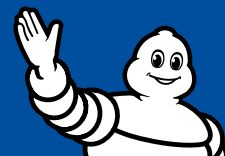


2025 EDITION

MICHELIN TECHNICAL DATA

EARTHMOOVER TIRES



MICHELIN



EARTHMOVER TIRES

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

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

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

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

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

PERFORMANCE

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

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

MICHELIN TECHNICAL DATA

EARTHMOVER TIRES

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TIRE RANGE CHART



RIGID DUMP TRUCKS

 <p>E2</p> <p>MICHELIN® XVC™</p>	 <p>E3</p> <p>MICHELIN® XDC°</p>	 <p>E3</p> <p>MICHELIN® XDR° 2 S</p>	 <p>E3</p> <p>MICHELIN® X-TRACTION™ S</p>	 <p>E4</p> <p>MICHELIN® XDR° +</p>
 <p>E4</p> <p>MICHELIN® XDR° 2+</p>	 <p>E4</p> <p>MICHELIN® XDR° 250</p>	 <p>E4</p> <p>MICHELIN® XDR° 250+</p>	 <p>E4</p> <p>MICHELIN® XDR° 4 SPEED + MD</p>	 <p>E4</p> <p>MICHELIN® XDR° 4 SPEED MC</p>
 <p>E4</p> <p>MICHELIN® XDR° 3</p>	 <p>E4</p> <p>MICHELIN® XDR° 3+</p>	 <p>E4</p> <p>MICHELIN® XDR° 3 EXTRA LOAD</p>	 <p>E4</p> <p>MICHELIN® XDR° 3+ EXTRA LOAD</p>	 <p>E4</p> <p>MICHELIN® XDR° 4 EXTRA LOAD</p>
 <p>E4</p> <p>MICHELIN® XDT°</p>	 <p>E4</p> <p>MICHELIN® XD GRIP</p>	 <p>E4</p> <p>MICHELIN® XD MINEWORKS</p>	 <p>E4</p> <p>MICHELIN® X-HAUL</p>	 <p>E4</p> <p>MICHELIN® XHDT</p>

TIRE RANGE CHART



RIGID DUMP TRUCKS — CONTINUED



E4

**MICHELIN®
X-TRACTION™**



E4

**MICHELIN®
X®TRA LOAD GRIP**



E4

**MICHELIN®
X®TRA LOAD PROTECT**



E4

**MICHELIN®
X-QUARRY S**



LOADERS



L2

**MICHELIN®
X SNOPLUS®**



L2

**MICHELIN®
XTLA™**



L3

**MICHELIN®
XHA® 2**



L3

**MICHELIN®
XLD™ 65**



L4

**MICHELIN®
XLD® D1**



E4/L4

**MICHELIN®
XTXL®**



L4

**MICHELIN®
X® MINE L4**
70/70 R 57**



L5

**MICHELIN®
XLD® D2**



L4

**MICHELIN®
XTRA POWER
A4/B4 COMPOUND**



L5

**MICHELIN®
XTRA POWER**



L5

**MICHELIN®
X® MINE D2**



L5

**MICHELIN®
X® MINE D2
EXTRA LOAD**



E4/L4

**MICHELIN®
XTRA DEFEND
E4/L4**

TIRE RANGE CHART



GRADERS



G2

**MICHELIN®
XGLA2™**



L2

**MICHELIN®
X° SNOPLUS**



L2

**MICHELIN®
XTLA™**



L3

**MICHELIN®
XHA° 2**



L3

**MICHELIN®
XLD™ 65**



L4

**MICHELIN®
XLD° D1**



L5

**MICHELIN®
XLD° D2**



E4/L4

**MICHELIN®
XTRA DEFEND
E4/L4**



UNDERGROUND MINE MACHINES



E3/L3

**MICHELIN®
XK°**



E4/L4

**MICHELIN®
XTXL°**



SH4

**MICHELIN®
X UM HAUL**



L4/SH4

**MICHELIN®
X MINE° DEFEND**



L5

**MICHELIN®
X MINE° D2**



L5

**MICHELIN®
X MINE° D2
EXTRA LOAD**



L5

**MICHELIN®
X MINE° D2 PRO**



L3

**MICHELIN®
XSM° DN+**



L5

**MICHELIN®
XSM° D2+ LC**



L5

**MICHELIN®
XSM° D2+**



L5

**MICHELIN®
XSM° D2+ PRO**

TIRE RANGE CHART



ARTICULATED DUMP TRUCKS



E3

**MICHELIN®
XADN+®**



super E3

**MICHELIN®
XAD™ 65**



E4/L4

**MICHELIN®
X™TRA DEFEND
E4/L4**



E4

**MICHELIN®
X™TRA DEFEND**



E4

**MICHELIN®
X™-SUPER TERRAIN +**



E7

**MICHELIN®
XS™ SAND**



SCRAPERS



E3

**MICHELIN®
XADN+®**



E3

**MICHELIN®
XTS®**



E3

**MICHELIN®
XMS™**



E4

**MICHELIN®
XRS™**



E4/L4

**MICHELIN®
X™TRA DEFEND
E4/L4**

TIRE RANGE CHART



CRANES AND TRANSPORT VEHICLES



E2

**MICHELIN®
X-CRANE 2° (25'')**



E2

**MICHELIN®
X-CRANE 2° (22,5'')**



E2

**MICHELIN®
X-CRANE +° (M+S)**



E2

**MICHELIN®
XGC°**



E2

**MICHELIN®
XMH™ S**



E2

**MICHELIN®
X SNOPLUS°**



COMPACTORS



C1

**MICHELIN®
X° LISSE COMPACTEUR™**

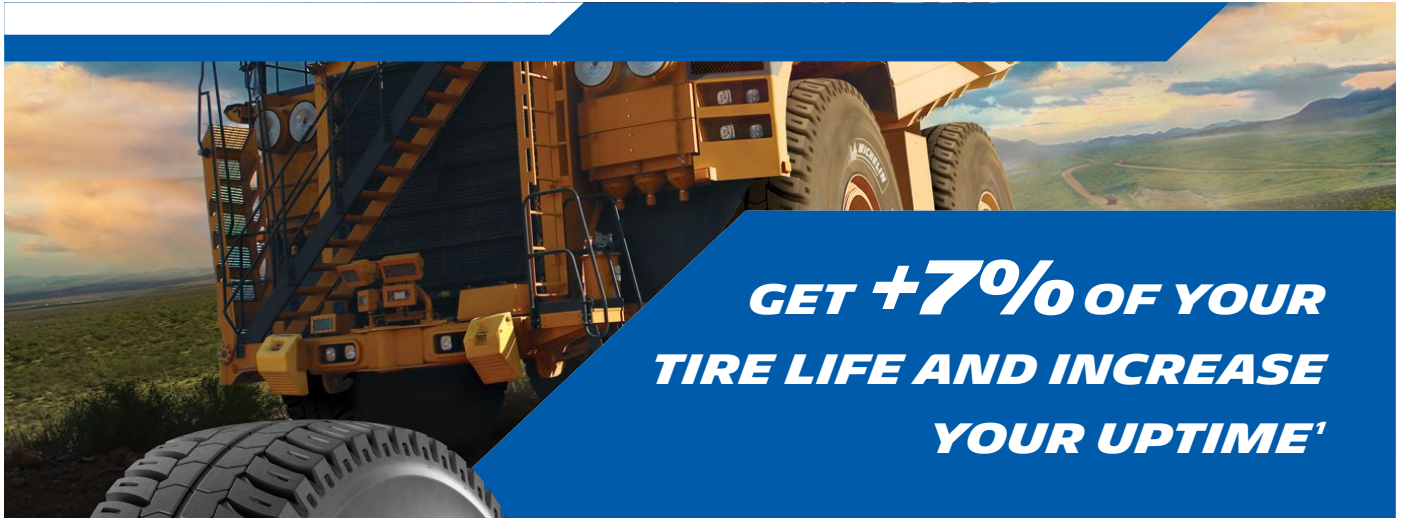
MICHELIN TECHNICAL DATA

EARTHMOVER TIRES

PRODUCT PRESENTATION AND DATA

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MICHELIN XLD 65	PAGE 79	MICHELIN X-CRANE+ M+S	PAGE 176
MICHELIN XLD D1	PAGE 83	MICHELIN XGC	PAGE 181
MICHELIN XTXL	PAGE 86	MICHELIN XMH S	PAGE 183
MICHELIN X MINE L4**	PAGE 93	MICHELIN X LISSE COMPACTEUR	PAGE 185
MICHELIN XLD D2	PAGE 95	MICHELIN X FORCE ZH	PAGE 187
MICHELIN X TRA POWER L4		MICHELIN X FORCE ZL /	
A4 & B4 COMPOUND	PAGE 100	X FORCE Z / XZL / XZL+	PAGE 189
MICHELIN X TRA POWER L5	PAGE 102	OTHER PRODUCTS	PAGE 191

MICHELIN XDR2 S



**GET +7% OF YOUR
TIRE LIFE AND INCREASE
YOUR UPTIME¹**



For Rigid Dump Trucks



**BETTER
RESISTANCE TO
AGGRESSIVE
CONDITIONS
AND CORROSION**

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



**BETTER TREAD
ENDURANCE**

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



**BETTER BEAD AREA
ENDURANCE**

Experience a 20% wider bead bundle and better rim contact surface¹ thanks to Michelin's B2 technology

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

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
59/80R63 E3** C4 TL	416409 68652	32 20.0	2535 1575.2	1495 58.9	4029 158.6	1734 68.3	11954 470.6	72 90.7	1834 72.2	10640 2810.8	44.00/5.0 [6.0]	44.00/5.0 [5.5]
Bar			6.0				6.5				6.8	
<i>Psi</i>			87				94				99	
Machine - Use kg - lbs	TRANSPORT											
STANDARD			100000				102100				104000	
<i>STANDARD</i>			220460				225090				229280	

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	44.00/5.0 [6.0]	JOINT TORIQUE OR 4-63 R2053 [553056]	-	-

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
59/80R63 E3** B TL	532463 32399	28 17.0	2218 1378.2	1495 58.9	4029 158.6	1734 68.3	11954 470.6	72 90.7	1834 72.2	10640 2810.8	44.00/5.0 [6.0]	44.00/5.0 [5.5]
Bar			6.0				6.5				6.8	
<i>Psi</i>			87				94				99	
Machine - Use kg - lbs	TRANSPORT											
STANDARD			100000				102100				104000	
<i>STANDARD</i>			220460				225090				229280	

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	44.00/5.0 [6.0]	JOINT TORIQUE OR 4-63 R2053 [553056]	-	-

IMPORTANT

The inflation pressure must always be appropriate for the load per tire, the speed of travel and the work to be done. Our recommendations above are provided subject to changes made after the date of publication of these tables (October 2020). Technical data is subject to change without prior notice.

MICHELIN XDR 2+



**MORE TRACTION,
MORE ROBUST**



For Rigid Dump Trucks



RELIABLE TRACTION

Adheres in loose ground
and muddy conditions



STEEL ENCAPSULATED BY RUBBER

Corrosion-spread prevention
and increased robustness



MORE ROBUST BEAD AREA

Increased resistance
and easier
mountability



TIRE SIZE: 40.00R57

MICHELIN XDR 2+

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
40.00R57 B4 E4R TL **	255356 49734	20 12.0	960 596.5	1115 43.9	3579 140.9	1577 62.1	10711 421.7	98 123.5	1365 53.7	5630 1487.3	29.00/6.0 [5.7]	29.00/6.0 [5.2] 32.00/6.0
Bar	4.0	4.5		5.0		5.5		6.0		6.5		7.0
<i>Psi</i>	58	65		73		80		87		94		102
<i>Machine - Use kg - lbs</i>	TRANSPORT											
STANDARD	43650	47750		51850		55950		60000		62050		64100
<i>STANDARD</i>	96230	105270		114310		123350		132275		136795		141315
TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim		O-ring / Grommet [CAI]				Tube [CAI]		Flap [CAI]			
	29.00/6.0 [5.7]		JOINT TORIQUE OR 4-57 R1481 [553211]				-		-			

IMPORTANT

The inflation pressure must always be appropriate for the load per tire, the speed of travel and the work to be done. Our recommendations above are provided subject to changes made after the date of publication of these tables (October 2020). Technical data is subject to change without prior notice.

MICHELIN XDR 250

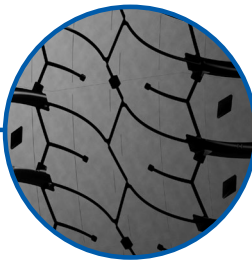


**RUN HARDER, KEEP
COOL, GET MORE**



For Rigid Dump Trucks

**A MORE PRODUCTIVE
TIRE FOR COMPOUNDS C4
AND C WITH AT LEAST 25%⁽¹⁾
MORE TKPH.**



**HIGH LOAD
CAPACITY**

TKPH increase thanks to
bigger tire diameter



**EXCEPTIONAL
TIRE LIFE**

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



A COOLER TIRE

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

¹ Compared to BRIDGESTONE 46/90R57 VRPS. Data gathered from 2024 BS databook.

MICHELIN XDR 250

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
50/80R57 E4** C TL	195241 81178	30 19.0	1608 999.2	1204 47.4	3610 142.1	1579 62.2	10791 424.8	94 118.4	1420 55.9	6150 1624.7	32.00/6.0 [5.2]	29.00/6.0 [5.2] 29.00/6.0 [5.7] 32.00/6.0 [4.8]
Bar	5.0	5.3	5.5	5.8	6.0	6.3	6.5	6.8	7.0			
Psi	73	76	80	83	87	91	94	98	102			
Machine - Use kg - lbs	TRANSPORT											
STANDARD	57000	59000	61000	63000	65000	67000	69000	71000	73000			
STANDARD	125665	130075	134480	138890	143300	147710	152120	156530	160935			
TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim		O-ring / Grommet [CAI]		Tube [CAI]		Flap [CAI]					
	32.00/6.0 [5.2]		JOINT TORIQUE OR 4-57 R1481 [553211]		-		-					
50/80R57 E4** C4 TL	253293 48751	27 17.0	1447 899.1	1204 47.4	3610 142.1	1579 62.2	10791 424.8	94 118.4	1420 55.9	6150 1624.7	32.00/6.0 [5.2]	29.00/6.0 [5.2] 29.00/6.0 [5.7] 32.00/6.0 [4.8]
Bar	5.0	5.3	5.5	5.8	6.0	6.3	6.5	6.8	7.0			
Psi	73	76	80	83	87	91	94	98	102			
Machine - Use kg - lbs	TRANSPORT											
STANDARD	57000	59000	61000	63000	65000	67000	69000	71000	73000			
STANDARD	125665	130075	134480	138890	143300	147710	152120	156530	160935			
TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim		O-ring / Grommet [CAI]		Tube [CAI]		Flap [CAI]					
	32.00/6.0 [5.2]		JOINT TORIQUE OR 4-57 R1481 [553211]		-		-					
50/80R57 E4** B TL	274589 50281	24 15.0	1286 799.1	1204 47.4	3610 142.1	1586 62.4	10791 424.8	94 118.4	1420 55.9	6150 1624.7	32.00/6.0 [5.2]	29.00/6.0 [5.2] 29.00/6.0 [5.7] 32.00/6.0 [4.8]
Bar	5.0	5.5	6.0	6.5	7.0	7.5	8.0					
Psi	73	80	87	94	102	109	116					
Machine - Use kg - lbs	TRANSPORT											
STANDARD	55000	59000	63000	67000	69000	71000	73000					
STANDARD	121255	130075	138890	147710	152120	156530	160935					
TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim		O-ring / Grommet [CAI]		Tube [CAI]		Flap [CAI]					
	32.00/6.0 [5.2]		JOINT TORIQUE OR 4-57 R1481 [553211]		-		-					

IMPORTANT

The inflation pressure must always be appropriate for the load per tire, the speed of travel and the work to be done. Our recommendations above are provided subject to changes made after the date of publication of these tables (October 2020). Technical data is subject to change without prior notice.

MICHELIN XDR 250

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
50/80R57 E4** B4 TL	371742 50070	20 12.0	1072 666.1	1204 47.4	3610 142.1	1586 62.4	10791 424.8	94 118.4	1420 55.9	6150 1624.7	32.00/6.0 [5.2]	29.00/6.0 [5.2] 29.00/6.0 [5.7] 32.00/6.0 [4.8]
Bar	5.0	5.5	6.0	6.5	7.0	7.5	8.0					
<i>Psi</i>	73	80	87	94	102	109	116					
<i>Machine - Use kg - lbs</i>	TRANSPORT											
STANDARD	55000	59000	63000	67000	69000	71000	73000					
<i>STANDARD</i>	121255	130075	138890	147710	152120	156530	160935					
TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim		O-ring / Grommet [CAI]		Tube [CAI]		Flap [CAI]					
	32.00/6.0 [5.2]		JOINT TORIQUE OR 4-57 R1481 [553211]		-		-					

IMPORTANT

The inflation pressure must always be appropriate for the load per tire, the speed of travel and the work to be done. Our recommendations above are provided subject to changes made after the date of publication of these tables (October 2020). Technical data is subject to change without prior notice.

MICHELIN XDR 250+



**RUN HARDER,
GET MORE LIFE**



For Rigid Dump Trucks

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



**IMPROVED WEAR
RESISTANCE**

With second generation of revolutionary compounds—MB4 and MB

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



**OPTIMIZED WEAR IN
FRONT AND REAR AXLES**

With Michelin multilayer technology

- Blue layer² is optimized for front axles for the first cycle of the tire's life
- Yellow layer² underneath is optimized for rear axles for the second cycle of the tire's life
- Tires are designed to be rotated to the rear axles to increase tire life



**INCREASED
AGGRESSION
RESISTANCE¹**

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

TIRE SIZE: 50/80R57

¹ The new Michelin 50/80R57 XDR 250+ tire has INCREASED TIRE LIFE BY 8%, thanks to new generation of compounds, 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 2023 Michelin Databook.

² Blue and yellow tire colors depicted above are for dramatic purposes only. All Michelin tires are black in color.

MICHELIN XDR 250+

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
50/80R57 E4** MB4 TL	238454 22280	20 12.0	1072 666.1	1204 47.4	3610 142.1	1579 62.2	10791 424.8	94 118.4	1420 55.9	6150 1624.7	32.00/6.0 [5.2]	29.00/6.0 [5.2] 29.00/6.0 [5.7] 32.00/6.0 [4.8]

Bar	5.0	5.3	5.5	5.8	6.0	6.3	6.5	6.8	7.0
<i>Psi</i>	73	76	80	83	87	91	94	98	102

Machine - Use kg - lbs	TRANSPORT									
STANDARD	57000	59000	61000	63000	65000	67000	69000	71000	73000	
<i>STANDARD</i>	125665	130075	134480	138890	143300	147710	152120	156530	160935	

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	32.00/6.0 [5.2]	JOINT TORIQUE OR 4-57 R1481 [553211]	-	-

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
50/80R57 E4** MB TL	264071 05633	24 15.0	1286 799.1	1204 47.4	3610 142.1	1579 62.2	10791 424.8	94 118.4	1420 55.9	6150 1624.7	32.00/6.0 [5.2]	29.00/6.0 [5.2] 29.00/6.0 [5.7] 32.00/6.0 [4.8]

Bar	5.0	5.3	5.5	5.8	6.0	6.3	6.5	6.8	7.0
<i>Psi</i>	73	76	80	83	87	91	94	98	102

Machine - Use kg - lbs	TRANSPORT									
STANDARD	57000	59000	61000	63000	65000	67000	69000	71000	73000	
<i>STANDARD</i>	125665	130075	134480	138890	143300	147710	152120	156530	160935	

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	32.00/6.0 [5.2]	JOINT TORIQUE OR 4-57 R1481 [553211]	-	-

IMPORTANT

The inflation pressure must always be appropriate for the load per tire, the speed of travel and the work to be done. Our recommendations above are provided subject to changes made after the date of publication of these tables (October 2020). Technical data is subject to change without prior notice.

MICHELIN XDR 4 SPEED + MD



**SPEED UP YOUR
PRODUCTIVITY**



For Rigid Dump Trucks



**HIGHEST TKPH ON
THE MARKET¹**

Significantly higher than the BRIDGESTONE[®] MASTERCORE[®] VREV E3A tire and 13% higher than the MICHELIN[®] XDR[®] 250 C tire¹



MORE GRIP²

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



**SMARTER
SUSTAINABILITY**

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

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

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

² MORE GRIP thanks to optimized lateral grooves. ⁽¹⁾

⁽¹⁾ Improved grip compared to the MICHELIN[®] XDR[®] 250 C 50/80R57 tire.

MICHELIN XDR 4 SPEED + MD

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
50/80R57 E4** MD TL	841338 14855	34 21.0	1822 1132.1	1197 47.1	3607 142.0	1582 62.3	10791 424.8	85 107.1	1420 55.9	6350 1677.5	32.00/6.0 [5.2]	29.00/6.0 [5.2] 29.00/6.0 [5.7] 32.00/6.0 [4.8]
Bar	5.0	5.3	5.5	5.8	6.0	6.3	6.5	6.8	7.0			
<i>Psi</i>	73	76	80	83	87	91	94	98	102			
<i>Machine - Use kg - lbs</i>	TRANSPORT											
STANDARD	57000	59000	61000	63000	65000	67000	69000	71000	73000			
<i>STANDARD</i>	125665	130075	134480	138890	143300	147710	152120	156530	160935			
TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim		O-ring / Grommet [CAI]			Tube [CAI]		Flap [CAI]				
	32.00/6.0 [5.2]		JOINT TORIQUE OR 4-57 R1481 [553211]			-		-				

IMPORTANT

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MICHELIN XDR 4 SPEED MC



**RUN FAST, RUN
COOLER¹, RUN
LONGER²**



For Rigid Dump Trucks



**7% LONGER
TIRE LIFE²**

Without compromising TKPH (1,608), thanks to a tread pattern that improves aggression resistance and a tread compound that is more wear resistant²



**COOLER TIRE AT
THE SAME SPEED¹**

Better thermal capacity reduces TPMS temperature alarms



MORE GRIP³

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



**SMARTER
SUSTAINABILITY**

Supports a greener planet by delivering longer life² without compromising TKPH

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

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

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

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

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

³ MORE GRIP thanks to optimized lateral grooves.⁽¹⁾

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

MICHELIN XDR 4 SPEED MC

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
50/80R57 E4** MC TL	398033 68251	30 19.0	1608 999.2	1197 47.1	3607 142.0	1582 62.3	10791 424.8	85 107.1	1420 55.9	6350 1677.5	32.00/6.0 [5.2]	29.00/6.0 [5.2] 29.00/6.0 [5.7] 32.00/6.0 [4.8]
Bar	5.0	5.3	5.5	5.8	6.0	6.3	6.5	6.8	7.0			
<i>Psi</i>	73	76	80	83	87	91	94	98	102			
<i>Machine - Use kg - lbs</i>	TRANSPORT											
STANDARD	57000	59000	61000	63000	65000	67000	69000	71000	73000			
<i>STANDARD</i>	125665	130075	134480	138890	143300	147710	152120	156530	160935			
TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim		O-ring / Grommet [CAI]		Tube [CAI]		Flap [CAI]					
	32.00/6.0 [5.2]		JOINT TORIQUE OR 4-57 R1481 [553211]		-		-					

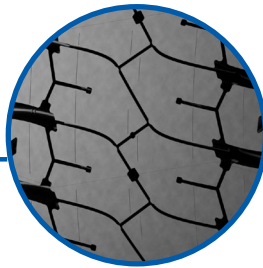
IMPORTANT

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MICHELIN XDR 3

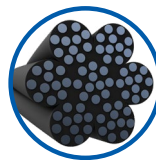


**LONG-LASTING
INNOVATIONS**



For Rigid Dump Trucks

**EXCEPTIONAL
TIRE LIFE, INCREASED
BY A MINIMUM OF
8-10%**^{3,4,5,6,7}

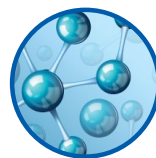


**NEW CORROSION-
PROOF CABLES**

**10%
STRONGER**²



**REVOLUTIONARY
TREAD PATTERN**



**REVOLUTIONARY
COMPOUNDS**

Homogeneous mix designed
to lead to a slower wear rate²

TIRE SIZES¹: 27.00R49, 33.00R51,⁴ 37.00R57,⁶ 40.00R57,³ 50/90R57,⁵ 53/80R63, 59/80R63³

¹ Features may vary depending on specific tire size.

² Vs. Michelin XDR 2 tire, all sizes.

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

⁴ Compared to Michelin 33.00R51 XDR 2 tire, average performance by mine site. Projected improvement in tire life based on field performance in customer mine sites over 29 months of the Michelin XDR 2, Michelin XDR 250 and Michelin XP 57, 40.00 R 57 and 53/80 R 63 tires that included individual design improvements incorporated into the Michelin XDR 3 tire.

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

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

⁷ Without any compromise on TKPH.

MICHELIN XDR 3

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
33.00R51 E4** B4 TL	089608 05115	20 12.0	620 385.3	921 36.3	3049 120.0	1363 53.7	9175 361.2	94 118.4	1074 42.3	3100 818.9	24.00/5.0 [4.4]	24.00/5.0 [3.9] 26.00/5.0

Bar	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5
<i>Psi</i>	51	58	65	73	80	87	94	102	109

Machine - Use
kg - lbs TRANSPORT

STANDARD	25550	28200	30800	33450	36600	38750	40100	41400	42700
<i>STANDARD</i>	56330	62170	67900	73745	80690	85430	88405	91270	94135

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	24.00/5.0 [4.4]	JOINT TORIQUE OR 4-51 R1479 [553210]	-	-

33.00R51 E4**ND C4 TL	691960	27	837	921	3049	1363	9175	94	1074	3100	24.00/5.0	24.00/5.0
	78629	17.0	520.1	36.3	120.0	53.7	361.2	118.4	42.3	818.9	[4.4]	[3.9] 26.00/5.0

Bar	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5
<i>Psi</i>	51	58	65	73	80	87	94	102	109

Machine - Use
kg - lbs TRANSPORT

STANDARD	25550	28200	30800	33450	36600	38750	40100	41400	42700
<i>STANDARD</i>	56330	62170	67900	73745	80690	85430	88405	91270	94135

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	24.00/5.0 [4.4]	JOINT TORIQUE OR 4-51 R1479 [553210]	-	-

MICHELIN XDR 3

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
33.00R51 E4** B TL	884959 05483	24 15.0	744 462.3	921 36.3	3049 120.0	1363 53.7	9175 361.2	94 118.4	1074 42.3	3100 818.9	24.00/5.0 [4.4]	24.00/5.0 [3.9] 26.00/5.0

Bar	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5
Psi	51	58	65	73	80	87	94	102	109

Machine - Use
kg - lbs TRANSPORT

STANDARD	25550	28200	30800	33450	36600	38750	40100	41400	42700
STANDARD	56330	62170	67900	73745	80690	85430	88405	91270	94135

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	24.00/5.0 [4.4]	JOINT TORIQUE OR 4-51 R1479 [553210]	-	-

37.00R57 E4** B4 TL	112553 66263	20 12.0	848 526.9	1013 39.9	3459 136.2	1537 60.5	10363 408.0	102 128.5	1242 48.9	4530 1196.7	27.00/6.0 [5.2]	27.00/6.0 [4.6] 29.00/6.0
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Bar	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5
Psi	58	65	73	80	87	94	102	109

Machine - Use
kg - lbs TRANSPORT

STANDARD	38550	42200	45800	49400	53000	54850	56650	58450
STANDARD	84990	93035	100970	108910	116845	120925	124890	128860

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	27.00/6.0 [5.2]	JOINT TORIQUE OR 4-57 R1481 [553211]	-	-

37.00R57 E4** C TL	168876 09655	30 19.0	1272 790.4	1013 39.9	3459 136.2	1537 60.5	10363 408.0	102 128.5	1242 48.9	4530 1196.7	27.00/6.0 [5.2]	27.00/6.0 [4.6] 29.00/6.0
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Bar	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5
Psi	58	65	73	80	87	94	102	109

Machine - Use
kg - lbs TRANSPORT

STANDARD	38550	42200	45800	49400	53000	54850	56650	58450
STANDARD	84990	93035	100970	108910	116845	120925	124890	128860

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	27.00/6.0 [5.2]	JOINT TORIQUE OR 4-57 R1481 [553211]	-	-

IMPORTANT

The inflation pressure must always be appropriate for the load per tire, the speed of travel and the work to be done. Our recommendations above are provided subject to changes made after the date of publication of these tables (October 2020). Technical data is subject to change without prior notice.

MICHELIN XDR 3

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
37.00R57 E4** C4 TL	514466 86430	27 17.0	1145 711.5	1013 39.9	3459 136.2	1537 60.5	10363 408.0	102 128.5	1242 48.9	4530 1196.7	27.00/6.0 [5.2]	27.00/6.0 [4.6] 29.00/6.0

Bar	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5
<i>Psi</i>	58	65	73	80	87	94	102	109

Machine - Use
kg - lbs TRANSPORT

STANDARD	38550	42200	45800	49400	53000	54850	56650	58450
<i>STANDARD</i>	84990	93035	100970	108910	116845	120925	124890	128860

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	27.00/6.0 [5.2]	JOINT TORIQUE OR 4-57 R1481 [553211]	-	-

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
37.00R57 E4** B TL	651752 18283	24 15.0	1018 632.6	1013 39.9	3459 136.2	1537 60.5	10363 408.0	102 128.5	1242 48.9	4530 1196.7	27.00/6.0 [5.2]	27.00/6.0 [4.6] 29.00/6.0

Bar	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5
<i>Psi</i>	58	65	73	80	87	94	102	109

Machine - Use
kg - lbs TRANSPORT

STANDARD	38550	42200	45800	49400	53000	54850	56650	58450
<i>STANDARD</i>	84990	93035	100970	108910	116845	120925	124890	128860

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	27.00/6.0 [5.2]	JOINT TORIQUE OR 4-57 R1481 [553211]	-	-

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
40.00R57 E4** MB4 TL	133439 07678	20 12.0	960 596.5	1127 44.4	3580 140.9	1578 62.1	10714 421.8	98 123.5	1365 53.7	5560 1468.8	29.00/6.0 [5.7]	29.00/6.0 [5.2] 32.00/6.0

Bar	4.0	4.5	5.0	5.5	6.0	6.5	7.0
<i>Psi</i>	58	65	73	80	87	94	102

Machine - Use
kg - lbs TRANSPORT

STANDARD	43650	47750	51850	55950	60000	62050	64100
<i>STANDARD</i>	96230	105270	114310	123350	132275	136795	141315

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	29.00/6.0 [5.7]	JOINT TORIQUE OR 4-57 R1481 [553211]	-	-

IMPORTANT

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MICHELIN XDR 3

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
40.00R57 E4** MB TL	349567 40866	24 15.0	1152 715.8	1127 44.4	3580 140.9	1578 62.1	10714 421.8	98 123.5	1365 53.7	5560 1468.8	29.00/6.0 [5.7]	29.00/6.0 [5.2] 32.00/6.0

Bar	4.0	4.5	5.0	5.5	6.0	6.5	7.0
Psi	58	65	73	80	87	94	102

Machine - Use kg - lbs	TRANSPORT											
STANDARD	43650	47750	51850	55950	60000	62050	64100					
STANDARD	96230	105270	114310	123350	132275	136795	141315					

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	29.00/6.0 [5.7]	JOINT TORIQUE OR 4-57 R1481 [553211]	-	-

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
40.00R57 E4** MC4 TL	843163 54268	27 17.0	1296 805.3	1127 44.4	3580 140.9	1578 62.1	10714 421.8	98 123.5	1365 53.7	5560 1468.8	29.00/6.0 [5.7]	29.00/6.0 [5.2] 32.00/6.0

Bar	4.5	5.0	5.5	6.0	6.3	6.5	6.8	7.0	7.3
Psi	65	73	80	87	91	94	98	102	105

Machine - Use kg - lbs	TRANSPORT											
STANDARD	47750	51850	55950	60000	61400	62800	64200	65600	67000			
STANDARD	105270	114310	123350	132275	135365	138450	141535	144625	147710			

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	29.00/6.0 [5.7]	JOINT TORIQUE OR 4-57 R1481 [553211]	-	-

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
40.00R57 E4** MC TL	861130 02582	30 19.0	1440 894.8	1127 44.4	3580 140.9	1578 62.1	10714 421.8	98 123.5	1365 53.7	5560 1468.8	29.00/6.0 [5.7]	29.00/6.0 [5.2] 32.00/6.0

Bar	4.5	5.0	5.5	6.0	6.3	6.5	6.8	7.0	7.3
Psi	65	73	80	87	91	94	98	102	105

Machine - Use kg - lbs	TRANSPORT											
STANDARD	47750	51850	55950	60000	61400	62800	64200	65600	67000			
STANDARD	105270	114310	123350	132275	135365	138450	141535	144625	147710			

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	29.00/6.0 [5.7]	JOINT TORIQUE OR 4-57 R1481 [553211]	-	-

IMPORTANT

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MICHELIN XDR 3

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
50/90R57 E4** MB4 TL	283806 39092	20 12.0	1248 775.5	1272 50.1	3822 150.5	1701 67.0	11513 453.3	98 123.5	1506 59.3	7520 1986.6	32.00/6.5	32.00/6.0 34.00/6.0 34.00/6.5

Bar	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5
Psi	58	65	73	80	87	94	102	109

Machine - Use
kg - lbs TRANSPORT

STANDARD	57800	62750	67700	72650	75320	78000	80660	83320
STANDARD	127425	138340	149255	160165	166050	171960	177825	183690

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	32.00/6.5	JOINT TORIQUE OR 4-57 R1481 [553211]	-	-

50/90R57 E4** MC4 TL	650162 09945	28 17.0	1747 1085.5	1272 50.1	3822 150.5	1701 67.0	11513 453.3	98 123.5	1506 59.3	7520 1986.6	32.00/6.5	32.00/6.0 34.00/6.0 34.00/6.5
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Bar	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5
Psi	58	65	73	80	87	94	102	109

Machine - Use
kg - lbs TRANSPORT

STANDARD	57800	62750	67700	72650	75320	78000	80660	83320
STANDARD	127425	138340	149255	160165	166050	171960	177825	183690

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	32.00/6.5	JOINT TORIQUE OR 4-57 R1481 [553211]	-	-

50/90R57 E4** MB TL	744229 45751	24 15.0	1498 930.8	1272 50.1	3822 150.5	1701 67.0	11513 453.3	98 123.5	1506 59.3	7520 1986.6	32.00/6.5	32.00/6.0 34.00/6.0 34.00/6.5
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Bar	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5
Psi	58	65	73	80	87	94	102	109

Machine - Use
kg - lbs TRANSPORT

STANDARD	57800	62750	67700	72650	75320	78000	80660	83320
STANDARD	127425	138340	149255	160165	166050	171960	177825	183690

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	32.00/6.5	JOINT TORIQUE OR 4-57 R1481 [553211]	-	-

IMPORTANT

The inflation pressure must always be appropriate for the load per tire, the speed of travel and the work to be done. Our recommendations above are provided subject to changes made after the date of publication of these tables (October 2020). Technical data is subject to change without prior notice.

MICHELIN XDR 3

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
53/80R63 E4** MC4 TL	031154 06229	28 17.0	1848 1148.3	1359 53.5	3804 149.8	1648 64.9	11324 445.8	110 138.6	1637 64.4	7590 2005.1	36.00/5.0 [5.5]	36.00/5.0 [5] 38.00/5.0 [5.5] 38.00/5.0 [5]
Bar	4.5	5.0	5.3	5.5	5.8	6.0	6.3	6.5	6.8	7.0		
<i>Psi</i>	65	73	76	80	83	87	91	94	98	102		
<i>Machine - Use kg - lbs</i>	TRANSPORT											
STANDARD	67000	71000	75000	77500	80000	82500	83750	85010	86820	88275		
<i>STANDARD</i>	147710	156530	165345	170860	176370	181880	184635	187415	191405	194615		

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	36.00/5.0 [5.5]	JOINT TORIQUE OR 4-63 R2053 [553056]	-	-

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
53/80R63 E4** MB4 TL	176236 05149	20 12.0	1320 820.2	1359 53.5	3804 149.8	1648 64.9	11324 445.8	110 138.6	1637 64.4	7590 2005.1	36.00/5.0 [5.5]	36.00/5.0 [5] 38.00/5.0 [5.5] 38.00/5.0 [5]
Bar	4.5	5.0	5.3	5.5	5.8	6.0	6.3	6.5	6.8	7.0		
<i>Psi</i>	65	73	76	80	83	87	91	94	98	102		
<i>Machine - Use kg - lbs</i>	TRANSPORT											
STANDARD	67000	71000	75000	77500	80000	82500	83750	85010	86820	88275		
<i>STANDARD</i>	147710	156530	165345	170860	176370	181880	184635	187415	191405	194615		

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	36.00/5.0 [5.5]	JOINT TORIQUE OR 4-63 R2053 [553056]	-	-

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
53/80R63 E4** MB TL	302446 26004	24 15.0	1584 984.3	1359 53.5	3804 149.8	1648 64.9	11324 445.8	110 138.6	1637 64.4	7590 2005.1	36.00/5.0 [5.5]	36.00/5.0 [5] 38.00/5.0 [5.5] 38.00/5.0 [5]
Bar	4.5	5.0	5.3	5.5	5.8	6.0	6.3	6.5	6.8	7.0		
<i>Psi</i>	65	73	76	80	83	87	91	94	98	102		
<i>Machine - Use kg - lbs</i>	TRANSPORT											
STANDARD	67000	71000	75000	77500	80000	82500	83750	85010	86820	88275		
<i>STANDARD</i>	147710	156530	165345	170860	176370	181880	184635	187415	191405	194615		

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	36.00/5.0 [5.5]	JOINT TORIQUE OR 4-63 R2053 [553056]	-	-

IMPORTANT

The inflation pressure must always be appropriate for the load per tire, the speed of travel and the work to be done. Our recommendations above are provided subject to changes made after the date of publication of these tables (October 2020). Technical data is subject to change without prior notice.

MICHELIN XDR 3

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
53/80R63 E4** MC TL	709804 99718	30 19.0	1980 1230.3	1359 53.5	3804 149.8	1648 64.9	11324 445.8	110 138.6	1637 64.4	7590 2005.1	36.00/5.0 [5.5]	36.00/5.0 [5] 38.00/5.0 [5.5] 38.00/5.0 [5]

Bar	4.5	5.0	5.3	5.5	5.8	6.0	6.3	6.5	6.8	7.0
Psi	65	73	76	80	83	87	91	94	98	102

Machine - Use kg - lbs	TRANSPORT										
STANDARD	67000	71000	75000	77500	80000	82500	83750	85010	86820	88275	
STANDARD	147710	156530	165345	170860	176370	181880	184635	187415	191405	194615	

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	36.00/5.0 [5.5]	JOINT TORIQUE OR 4-63 R2053 [553056]	-	-

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
59/80R63 E4** MB4 TL	430321 73530	20 12.0	1600 994.2	1467 57.8	4030 158.7	1742 68.6	-	110 138.6	1834 72.2	9840 2599.5	44.00/5.0 [6.0]	41.00/5.0 [6.0]

Bar	5.0	5.5	6.0	6.5	6.7	6.8
Psi	73	80	87	94	97	99

Machine - Use kg - lbs	TRANSPORT (41" RIM)										
STANDARD	82920	89460	96000	98900	100000						
STANDARD	182805	197225	211645	218035	220460						

Machine - Use kg - lbs	TRANSPORT (44" RIM)										
STANDARD	100000	102100	104000								
STANDARD	220460	225090	229280								

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	44.00/5.0 [6.0]	JOINT TORIQUE OR 4-63 R2053 [553056]	-	-

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
59/80R63 E4** MC4 TL	502804 83942	28 17.0	2240 1391.9	1467 57.8	4030 158.7	1742 68.6	-	110 138.6	1834 72.2	9840 2599.5	44.00/5.0 [6.0]	41.00/5.0 [6.0]

Bar	5.0	5.5	6.0	6.5	6.7	6.8
Psi	73	80	87	94	97	99

Machine - Use kg - lbs	TRANSPORT (41" RIM)										
STANDARD	82920	89460	96000	98900	100000						
STANDARD	182805	197225	211645	218035	220460						

Machine - Use kg - lbs	TRANSPORT (44" RIM)										
STANDARD	100000	102100	104000								
STANDARD	220460	225090	229280								

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	44.00/5.0 [6.0]	JOINT TORIQUE OR 4-63 R2053 [553056]	-	-

IMPORTANT

The inflation pressure must always be appropriate for the load per tire, the speed of travel and the work to be done. Our recommendations above are provided subject to changes made after the date of publication of these tables (October 2020). Technical data is subject to change without prior notice.

MICHELIN XDR 3

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
59/80R63 E4** MB TL	774172 20068	24 15.0	1920 1193.0	1467 57.8	4030 158.7	1742 68.6	-	110 138.6	1834 72.2	9840 2599.5	44.00/5.0 [6.0]	41.00/5.0 [6.0]
Bar	5.0	5.5			6.0		6.5		6.7		6.8	
<i>Psi</i>	73	80			87		94		97		99	
<i>Machine - Use kg - lbs</i>	TRANSPORT (41" RIM)											
STANDARD	82920	89460			96000		98900		100000			
<i>STANDARD</i>	182805	197225			211645		218035		220460			
<i>Machine - Use kg - lbs</i>	TRANSPORT (44" RIM)											
STANDARD					100000		102100				104000	
<i>STANDARD</i>					220460		225090				229280	
TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim		O-ring / Grommet [CAI]			Tube [CAI]		Flap [CAI]				
	44.00/5.0 [6.0]		JOINT TORIQUE OR 4-63 R2053 [553056]			-		-				

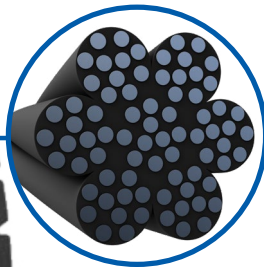
IMPORTANT

The inflation pressure must always be appropriate for the load per tire, the speed of travel and the work to be done. Our recommendations above are provided subject to changes made after the date of publication of these tables (October 2020). Technical data is subject to change without prior notice.

MICHELIN XDR 3 27.00R49



**CHOOSE YOUR
BENEFIT**



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



For Rigid Dump Trucks



**10% MORE
TIRE LIFE¹**

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



**10% MORE
LOAD CAPACITY²**

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



**10%
MORE TKPH³**

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

TIRE SIZE: 27.00R49

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

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

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

MICHELIN XDR 3 27.00R49

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
27.00R49 E4*** B4 TL	395114 24794	24 14.9 if load per tire <=27.2 t	528 328.1	730 28.7	2730 107.5	1236 48.7	8257 325.1	90 113.4	892 35.1	1970 520.4	19.50/4.0 [3.2]	19.50/4.0 [2.7]
		22 13.7 if load per tire >27.2 t										
Bar	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0		
<i>Psi</i>	51	58	65	73	80	87	94	102	109	116		
<i>Machine - Use</i>	TRANSPORT (LOAD PER TIRE <= 27.25T)											
kg - lbs	16850	18550	20300	22050	24000	25500	27250					
<i>STANDARD</i>	37150	40895	44755	48610	52910	56220	60075					
<i>Machine - Use</i>	TRANSPORT (LOAD PER TIRE > 27.25T)											
kg - lbs												
<i>STANDARD</i>									29000 63935	30000 66140	32100 70770	

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	19.50/4.0 [3.2]	JOINT TORIQUE OR 3-49 HEYCO R1442 [553205]	-	-

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
27.00R49 E4*** A TL	667421 19529	20 12.4 if load per tire <=27.2 t	432 268.4	730 28.7	2730 107.5	1236 48.7	8257 325.1	90 113.4	892 35.1	1970 520.4	19.50/4.0 [3.2]	19.50/4.0 [2.7]
		18 11.2 if load per tire >27.2 t										
Bar	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0		
<i>Psi</i>	51	58	65	73	80	87	94	102	109	116		
<i>Machine - Use</i>	TRANSPORT (LOAD PER TIRE <= 27.25T)											
kg - lbs	16850	18550	20300	22050	24000	25500	27250					
<i>STANDARD</i>	37150	40895	44755	48610	52910	56220	60075					
<i>Machine - Use</i>	TRANSPORT (LOAD PER TIRE > 27.25T)											
kg - lbs												
<i>STANDARD</i>									29000 63935	30000 66140	32100 70770	

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	19.50/4.0 [3.2]	JOINT TORIQUE OR 3-49 HEYCO R1442 [553205]	-	-

IMPORTANT

The inflation pressure must always be appropriate for the load per tire, the speed of travel and the work to be done. Our recommendations above are provided subject to changes made after the date of publication of these tables (October 2020). Technical data is subject to change without prior notice.

MICHELIN XDR 3 27.00R49

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
27.00R49 E4*** B TL	764857 22060	28 17.4 if load per tire <=27.2 t	624 387.7	730 28.7	2730 107.5	1236 48.7	8257 325.1	90 113.4	892 35.1	1970 520.4	19.50/4.0 [3.2]	19.50/4.0 [2.7]
		26 16.2 if load per tire >27.2 t										
Bar	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0		
<i>Psi</i>	51	58	65	73	80	87	94	102	109	116		
<i>Machine - Use</i>	TRANSPORT (LOAD PER TIRE <= 27.25T)											
kg - lbs												
STANDARD	16850	18550	20300	22050	24000	25500	27250					
<i>STANDARD</i>	37150	40895	44755	48610	52910	56220	60075					
<i>Machine - Use</i>	TRANSPORT (LOAD PER TIRE > 27.25T)											
kg - lbs												
STANDARD									29000	30000	32100	
<i>STANDARD</i>									63935	66140	70770	
TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim		O-ring / Grommet [CAI]		Tube [CAI]		Flap [CAI]					
	19.50/4.0 [3.2]		JOINT TORIQUE OR 3-49 HEYCO R1442 [553205]		-		-					

IMPORTANT

The inflation pressure must always be appropriate for the load per tire, the speed of travel and the work to be done. Our recommendations above are provided subject to changes made after the date of publication of these tables (October 2020). Technical data is subject to change without prior notice.

MICHELIN XDR 3+



**LONGER-LASTING
INNOVATIONS**



For Rigid Dump Trucks

GET MORE TIRE LIFE:

AT LEAST

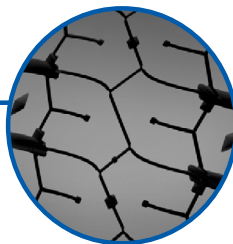
4%¹ MORE

WITH THE MB4 COMPOUND

AT LEAST

6%¹ MORE

WITH THE MB COMPOUND



2ND GENERATION OF REVOLUTIONARY COMPOUNDS

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



NEW MICHELIN MULTILAYER TECHNOLOGY

Designed for optimized wear
on front and rear axles

TIRE SIZES: 40.00R57 MB, 40.00R57 MB4, 50/90R57 MB, 50/90R57 MB4, 53/80R63 MB4, 59/80R63 MB, 59/80R63 MB4

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

MICHELIN XDR 3+

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
40.00R57 E4** MB4 TL	151477 38891	20 12.0	960 596.5	1127 44.4	3580 140.9	1578 62.1	10714 421.8	98 123.5	1365 53.7	5560 1468.8	29.00/6.0 [5.7]	29.00/6.0 [5.2] 32.00/6.0

Bar	4.5	5.0	5.5	6.0	6.3	6.5	6.8	7.0	7.3
Psi	65	73	80	87	91	94	98	102	105

Machine - Use
kg - lbs TRANSPORT

STANDARD	47750	51850	55950	60000	61400	62800	64200	65600	67000
STANDARD	105270	114310	123350	132275	135365	138450	141535	144625	147710

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	29.00/6.0 [5.7]	JOINT TORIQUE OR 4-57 R1481 [553211]	-	-

40.00R57 E4** MB TL	932077 10900	24 15.0	1152 715.8	1127 44.4	3580 140.9	1578 62.1	10714 421.8	98 123.5	1365 53.7	5560 1468.8	29.00/6.0 [5.7]	29.00/6.0 [5.2] 32.00/6.0
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Bar	4.5	5.0	5.5	6.0	6.3	6.5	6.8	7.0	7.3
Psi	65	73	80	87	91	94	98	102	105

Machine - Use
kg - lbs TRANSPORT

STANDARD	47750	51850	55950	60000	61400	62800	64200	65600	67000
STANDARD	105270	114310	123350	132275	135365	138450	141535	144625	147710

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	29.00/6.0 [5.7]	JOINT TORIQUE OR 4-57 R1481 [553211]	-	-

50/90R57 E4** MB TL	078316 78907	24 15.0	1498 930.8	1255 49.4	3822 150.5	1675 65.9	11513 453.3	98 123.5	1506 59.3	7520 1986.6	32.00/6.5	32.00/6.0 34.00/6.0 34.00/6.5
---------------------	-----------------	------------	---------------	--------------	---------------	--------------	----------------	-------------	--------------	----------------	-----------	-------------------------------------

Bar	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5
Psi	58	65	73	80	87	94	102	109

Machine - Use
kg - lbs TRANSPORT

STANDARD	57800	62750	67700	72650	75320	78000	80660	83320
STANDARD	127425	138340	149255	160165	166050	171960	177825	183690

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	32.00/6.5	JOINT TORIQUE OR 4-57 R1481 [553211]	-	-

IMPORTANT

The inflation pressure must always be appropriate for the load per tire, the speed of travel and the work to be done. Our recommendations above are provided subject to changes made after the date of publication of these tables (October 2020). Technical data is subject to change without prior notice.

MICHELIN XDR 3+

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
50/90R57 E4** MB4 TL	704562 84040	20 12.0	1248 775.5	1255 49.4	3822 150.5	1675 65.9	11513 453.3	98 123.5	1506 59.3	7520 1986.6	32.00/6.5	32.00/6.0 34.00/6.0 34.00/6.5

Bar	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5
<i>Psi</i>	58	65	73	80	87	94	102	109

Machine - Use
kg - lbs TRANSPORT

STANDARD	57800	62750	67700	72650	75320	78000	80660	83320
<i>STANDARD</i>	127425	138340	149255	160165	166050	171960	177825	183690

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	32.00/6.5	JOINT TORIQUE OR 4-57 R1481 [553211]	-	-

DESCRIPTION	CAI [MSPN]	Max. dist./hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
53/80R63 E4** MB4 TL	221719 00582	20 12.0	1320 820.2	1359 53.5	3804 149.8	1648 64.9	11324 445.8	110 138.6	1637 64.4	7590 2005.1	36.00/5.0 [5.5]	36.00/5.0 [5] 38.00/5.0 [5.5] 38.00/5.0 [5]

Bar	4.5	5.0	5.3	5.5	5.8	6.0	6.3	6.5	6.8	7.0
<i>Psi</i>	65	73	76	80	83	87	91	94	98	102

Machine - Use
kg - lbs TRANSPORT

STANDARD	67000	71000	75000	77500	80000	82500	83750	85010	86820	88275
<i>STANDARD</i>	147710	156530	165345	170860	176370	181880	184635	187415	191405	194615

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	36.00/5.0 [5.5]	JOINT TORIQUE OR 4-63 R2053 [553056]	-	-

DESCRIPTION	CAI [MSPN]	Max. dist./hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
59/80R63 E4** MB4 TL	417433 16577	20 12.0	1600 994.2	1467 57.8	4030 158.7	1742 68.6	-	110 138.6	1834 72.2	9840 2599.5	44.00/5.0 [6.0]	41.00/5.0 [6.0]

Bar	5.0	5.5	6.0	6.5	6.7	6.8
<i>Psi</i>	73	80	87	94	97	99

Machine - Use
kg - lbs TRANSPORT (41" RIM)

STANDARD	82920	89460	96000	98900	100000
<i>STANDARD</i>	182805	197225	211645	218035	220460

Machine - Use
kg - lbs TRANSPORT (44" RIM)

STANDARD	100000	102100	104000
<i>STANDARD</i>	220460	225090	229280

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	44.00/5.0 [6.0]	JOINT TORIQUE OR 4-63 R2053 [553056]	-	-

IMPORTANT

The inflation pressure must always be appropriate for the load per tire, the speed of travel and the work to be done. Our recommendations above are provided subject to changes made after the date of publication of these tables (October 2020). Technical data is subject to change without prior notice.

MICHELIN XDR 3+

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
59/80R63 E4** MB TL	535123 03414 44844	24 15.0	1920 1193.0	1467 57.8	4030 158.7	1742 68.6	-	110 138.6	1834 72.2	9840 2599.5	44.00/5.0 [6.0]	41.00/5.0 [6.0]
Bar	5.0	5.5			6.0		6.5		6.7			6.8
<i>Psi</i>	73	80			87		94		97			99
<i>Machine - Use kg - lbs</i>	TRANSPORT (41" RIM)											
STANDARD	82920	89460			96000		98900		100000			
<i>STANDARD</i>	182805	197225			211645		218035		220460			
<i>Machine - Use kg - lbs</i>	TRANSPORT (44" RIM)											
STANDARD					100000		102100					104000
<i>STANDARD</i>					220460		225090					229280
TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim		O-ring / Grommet [CAI]			Tube [CAI]			Flap [CAI]			
	44.00/5.0 [6.0]		JOINT TORIQUE OR 4-63 R2053 [553056]			-			-			

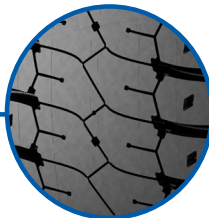
IMPORTANT

The inflation pressure must always be appropriate for the load per tire, the speed of travel and the work to be done. Our recommendations above are provided subject to changes made after the date of publication of these tables (October 2020). Technical data is subject to change without prior notice.

MICHELIN XDR 3 EXTRA LOAD



**BOOST PAYLOAD,
BOOST PRODUCTIVITY**



For Rigid Dump Trucks

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



REVOLUTIONARY COMPOUNDS

A slower wear rate thanks to a new mixing process



REVOLUTIONARY TREAD PATTERN

Interlocking blocks of rubber create better load distribution



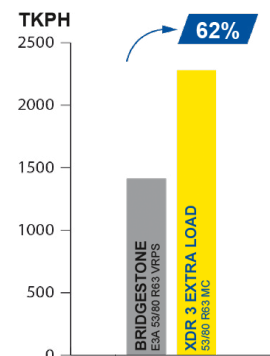
STRONGER CABLES, NEW PLYS, ROBUST STRUCTURE

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

TIRE SIZE: 53/80R63

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

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



MICHELIN XDR 3 EXTRA LOAD

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
53/80R63 E4*** MB4 TL	637745 68989	20 12.0	1520 944.5	1357 53.4	3806 149.8	1661 65.4	11324 445.8	110 138.6	1637 64.4	7590 2005.1	36.00/5.0 [5.5]	36.00/5.0 [5] 38.00/5.0 [5.5] 38.00/5.0 [5]

Bar	7.0	7.3	7.5
<i>Psi</i>	102	105	109

Machine - Use
kg - lbs **TRANSPORT**

STANDARD	90000	92500	95000
<i>STANDARD</i>	198415	203930	209440

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	36.00/5.0 [5.5]	JOINT TORIQUE OR 4-63 R2053 [553056]	-	-

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
53/80R63 E4*** MB TL	664323 17762	24 15.0	1824 1133.4	1357 53.4	3806 149.8	1661 65.4	11324 445.8	110 138.6	1637 64.4	7590 2005.1	36.00/5.0 [5.5]	36.00/5.0 [5] 38.00/5.0 [5.5] 38.00/5.0 [5]

Bar	7.0	7.3	7.5
<i>Psi</i>	102	105	109

Machine - Use
kg - lbs **TRANSPORT**

STANDARD	90000	92500	95000
<i>STANDARD</i>	198415	203930	209440

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	36.00/5.0 [5.5]	JOINT TORIQUE OR 4-63 R2053 [553056]	-	-

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
53/80R63 E4*** MC4 TL	781925 81977	28 17.0	2128 1322.3	1357 53.4	3806 149.8	1661 65.4	11324 445.8	110 138.6	1637 64.4	7590 2005.1	36.00/5.0 [5.5]	36.00/5.0 [5] 38.00/5.0 [5.5] 38.00/5.0 [5]

Bar	7.0	7.3	7.5
<i>Psi</i>	102	105	109

Machine - Use
kg - lbs **TRANSPORT**

STANDARD	90000	92500	95000
<i>STANDARD</i>	198415	203930	209440

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	36.00/5.0 [5.5]	JOINT TORIQUE OR 4-63 R2053 [553056]	-	-

IMPORTANT

The inflation pressure must always be appropriate for the load per tire, the speed of travel and the work to be done. Our recommendations above are provided subject to changes made after the date of publication of these tables (October 2020). Technical data is subject to change without prior notice.

MICHELIN XDR 3 EXTRA LOAD

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
53/80R63 E4*** MC TL	812927 17699	30 19.0	2280 1416.7	1357 53.4	3806 149.8	1661 65.4	11324 445.8	110 138.6	1637 64.4	7590 2005.1	36.00/5.0 [5.5]	36.00/5.0 [5] 38.00/5.0 [5.5] 38.00/5.0 [5]
Bar			7.0				7.3				7.5	
<i>Psi</i>			102				105				109	
<i>Machine - Use</i> kg - lbs	TRANSPORT											
STANDARD <i>STANDARD</i>			90000 198415				92500 203930				95000 209440	

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	36.00/5.0 [5.5]	JOINT TORIQUE OR 4-63 R2053 [553056]	-	-

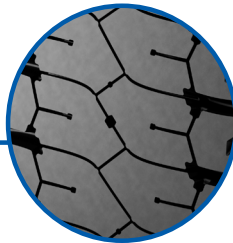
IMPORTANT

The inflation pressure must always be appropriate for the load per tire, the speed of travel and the work to be done. Our recommendations above are provided subject to changes made after the date of publication of these tables (October 2020). Technical data is subject to change without prior notice.

MICHELIN XDR 3+ EXTRA LOAD



**BOOST PAYLOAD
BOOST PRODUCTIVITY**

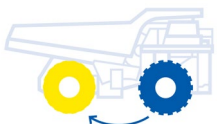


For Rigid Dump Trucks



**BUILT FOR
EXTRA-LOAD
CONDITIONS**

Stronger cables,² new plies and robust structure designed to deliver additional strength



DESIGNED TO HANDLE

- STEERING FORCE
- BRAKING FORCE

- BRAKING FORCE
- TORQUE TRANSMISSION

OPTIMIZED WEAR IN FRONT AND REAR AXLES

With Michelin multilayer technology

- Blue layer¹ is optimized for front axles for the first cycle of the tire's life
- Yellow layer¹ underneath is optimized for rear axles for the second cycle of the tire's life
- Tires are designed to be rotated to the rear axles to increase tire life



IMPROVED WEAR RESISTANCE

Second generation revolutionary compound—MB4—extends tire life by at least 4%³

TIRE SIZE: 53/80R63

¹ Blue and yellow tire colors depicted above are for dramatic purposes only. All Michelin tires are black in color.

² Based on comparisons of the Michelin XDR 3+ Extra Load tire to the Michelin XDR 3 tire, as set forth in the 2023 Michelin Databook.

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

MICHELIN XDR 3+ EXTRA LOAD

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
53/80R63 E4*** MB4 TL	509797 06252	20 12.0	1520 944.5	1357 53.4	3806 149.8	1661 65.4	11324 445.8	110 138.6	1637 64.4	7590 2005.1	36.00/5.0 [5.5]	36.00/5.0 [5] 38.00/5.0 [5.5] 38.00/5.0 [5]
Bar			7.0				7.3				7.5	
<i>Psi</i>			102				105				109	
<i>Machine - Use</i> kg - lbs	TRANSPORT											
STANDARD			90000				92500				95000	
<i>STANDARD</i>			198415				203930				209440	

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	36.00/5.0 [5.5]	JOINT TORIQUE OR 4-63 R2053 [553056]	-	-

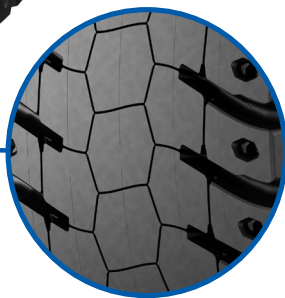
IMPORTANT

The inflation pressure must always be appropriate for the load per tire, the speed of travel and the work to be done. Our recommendations above are provided subject to changes made after the date of publication of these tables (October 2020). Technical data is subject to change without prior notice.

MICHELIN XDR 4 EXTRA LOAD



**BOOST PAYLOAD,
BOOST PRODUCTIVITY**



For Rigid Dump Trucks



**10% MORE
LOAD CAPACITY¹**

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



**UP TO 2576
TKPH**



**INNOVATIVE
TREAD PATTERN**

Improved heat resistance, adherence and wear profile²



TIRE SIZE: 59/80R63

¹ With the new Michelin 59/80R63 XDR 4 EXTRA LOAD tire, get 10% more load capacity, to carry up to 115 tons, due to new cables, architecture and larger size vs. the Michelin 59/80R63 XDR 3+ tire.

² The new Michelin 59/80R63 XDR 4 EXTRA LOAD tire was designed for improved heat resistance, adherence and wear profile, thanks to a new tread pattern vs. the Michelin 59/80R63 XDR 3+ tire.

MICHELIN XDR 4 EXTRA LOAD

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
59/80R63 MB4 E4*** TL	233050 17772	20 12.0	1840 1143.3	1495 58.9	4027 158.5	1737 68.4	11958 470.8	100 126.0	-	10126 2675.0	44.00/5.0 [6.0]	44.00/5.0 [5.5]

Bar 7.0 7.3 7.5
Psi 102 105 109

Machine - Use kg - lbs TRANSPORT

STANDARD 109000 112000 115000
STANDARD 240305 246920 253530

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	44.00/5.0 [6.0]	-	-	-

59/80R63 MB E4*** TL	265198 97806	24 15.0	2208 1372.0	1495 58.9	4027 158.5	1737 68.4	11958 470.8	100 126.0	-	10126 2675.0	44.00/5.0 [6.0]	44.00/5.0 [5.5]
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Bar 7.0 7.3 7.5
Psi 102 105 109

Machine - Use kg - lbs TRANSPORT

STANDARD 109000 112000 115000
STANDARD 240305 246920 253530

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	44.00/5.0 [6.0]	-	-	-

59/80R63 MC4 E4*** TL	320785 06838	28 17.0	2576 1600.7	1495 58.9	4027 158.5	1737 68.4	11958 470.8	100 126.0	-	10126 2675.0	44.00/5.0 [6.0]	44.00/5.0 [5.5]
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Bar 7.0 7.3 7.5
Psi 102 105 109

Machine - Use kg - lbs TRANSPORT

STANDARD 109000 112000 115000
STANDARD 240305 246920 253530

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	44.00/5.0 [6.0]	-	-	-

IMPORTANT

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MICHELIN XD GRIP



**BETTER GRIP,
BIGGER BENEFITS**



For Rigid Dump Trucks



UNSTOPPABLE GRIP CAPABILITIES

30% more lug edges¹ for
unstoppable grip in muddy
or loose conditions



AGGRESSION RESISTANCE FROM HIDDEN OBSTACLES²

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



EXTRA LOAD, LIFE AND SPEED

10% more life,³ load² or speed² vs.
the Michelin X-TRACTION tire

TIRE SIZE: 27.00R49

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

² Compared to the Michelin X-TRACTION™ tire in size 27.00R49. Actual results may vary.

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

MICHELIN XD GRIP

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
27.00R49 E4*** B TL	047262 38092	32 19.9 if load per tire <=27.2 t	720 447.4	733 28.9	2726 107.3	1235 48.6	8242 324.5	79 99.5	892 35.1	1970 520.4	19.50/4.0 [3.2]	19.50/4.0 [2.7]
		30 18.6 if load per tire >27.2 t										
Bar	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0		
Psi	51	58	65	73	80	87	94	102	109	116		
Machine - Use	TRANSPORT (LOAD PER TIRE <= 27.25T)											
kg - lbs	16850	18550	20300	22050	24000	25500	27250					
STANDARD	37150	40895	44755	48610	52910	56220	60075					
Machine - Use	TRANSPORT (LOAD PER TIRE > 27.25T)											
kg - lbs												
STANDARD									29000	30000	32100	
STANDARD									63935	66140	70770	

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	19.50/4.0 [3.2]	JOINT TORIQUE OR 3-49 HEYCO R1442 [553205]	-	-

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
27.00R49 E4*** B4 TL	349151 17563	28 17.4 if load per tire <=27.2 t	624 387.7	733 28.9	2726 107.3	1235 48.6	8242 324.5	79 99.5	892 35.1	1970 520.4	19.50/4.0 [3.2]	19.50/4.0 [2.7]
		26 16.2 if load per tire >27.2 t										
Bar	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0		
Psi	51	58	65	73	80	87	94	102	109	116		
Machine - Use	TRANSPORT (LOAD PER TIRE <= 27.25T)											
kg - lbs	16850	18550	20300	22050	24000	25500	27250					
STANDARD	37150	40895	44755	48610	52910	56220	60075					
Machine - Use	TRANSPORT (LOAD PER TIRE > 27.25T)											
kg - lbs												
STANDARD									29000	30000	32100	
STANDARD									63935	66140	70770	

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	19.50/4.0 [3.2]	JOINT TORIQUE OR 3-49 HEYCO R1442 [553205]	-	-

IMPORTANT

The inflation pressure must always be appropriate for the load per tire, the speed of travel and the work to be done. Our recommendations above are provided subject to changes made after the date of publication of these tables (October 2020). Technical data is subject to change without prior notice.

MICHELIN XD GRIP

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
27.00R49 E4*** A4 TL	527661 07858	20 12.4 if load per tire <=27.2 t	432 268.4	733 28.9	2726 107.3	1235 48.6	-	79 99.5	892 35.1	1970 520.4	19.50/4.0 [3.2]	19.50/4.0 [2.7]
		18 11.2 if load per tire >27.2 t										
Bar	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0		
<i>Psi</i>	51	58	65	73	80	87	94	102	109	116		
Machine - Use kg - lbs TRANSPORT (LOAD PER TIRE <= 27.25T)												
STANDARD	16850	18550	20300	22050	24000	25500	27250					
<i>STANDARD</i>	37150	40895	44755	48610	52910	56220	60075					
Machine - Use kg - lbs TRANSPORT (LOAD PER TIRE > 27.25T)												
STANDARD									29000	30000	32100	
<i>STANDARD</i>									63935	66140	70770	
TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim		O-ring / Grommet [CAI]		Tube [CAI]		Flap [CAI]					
	19.50/4.0 [3.2]		JOINT TORIQUE OR 3-49 HEYCO R1442 [553205]		-		-					

IMPORTANT

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MICHELIN XHDT



**INCREASE
PRODUCTIVITY AND
LOWER YOUR OPERATING
COSTS**



For Rigid Dump Trucks



THE TKPH WINNER

Increased productivity

COMPOUND XHDT A

TKPH = 170 (23 KM/H MAX)

COMPOUND XHDT B

TKPH = 222 (30 KM/H MAX)



OPTIMIZED PERFORMANCE

Optimized tread pattern for ideal traction and evacuation

Enhanced tread depth of 47 mm for long life

Built-up sidewall for protection against sidewall penetrations

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
18.00R25 E4 A TL	199475 18573	23 14.0	170 105.6	496 19.5	1621 63.8	732 28.8	4896 192.8	47 59.2	587 23.1	513 135.5	13.00/2.5	15.00/2.5
Bar	4.0	4.3		4.5		5.0		6.0		7.0		7.5
<i>Psi</i>	58	62		65		73		87		102		109
Machine - Use kg - lbs	TRANSPORT											
STANDARD	6800	7100		7400		8000		9250		9850		10150
<i>STANDARD</i>	14990	15655		16315		17635		20395		21715		22375

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	13.00/2.5	JOINT TORIQUE OR 3-25 SULLA R1437 [553200]	-	-

18.00R25 E4 B TL	714571 23787	30 19.0	222 137.9	496 19.5	1621 63.8	732 28.8	4896 192.8	47 59.2	587 23.1	513 135.5	13.00/2.5	15.00/2.5
Bar	4.0	4.3		4.5		5.0		6.0		7.0		7.5
<i>Psi</i>	58	62		65		73		87		102		109
Machine - Use kg - lbs	TRANSPORT											
STANDARD	6800	7100		7400		8000		9250		9850		10150
<i>STANDARD</i>	14990	15655		16315		17635		20395		21715		22375

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	13.00/2.5	JOINT TORIQUE OR 3-25 SULLA R1437 [553200]	-	-

MICHELIN XK



**EXCELLENT
PROTECTION IN SEVERE
AND ABRASIVE CONDITIONS**



For Underground Mining Trucks and Underground Loaders



**EXCELLENT
PROTECTION
FROM EXTREME
JOBSITE HAZARDS**



**PROMOTES
STABILITY**

TIRE SIZES: 12.00R24 XK A**, 14.00R24 XK A***, 17.5R25 XK A TL **

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
12.00R24 L3*** A TT	242110 06809	14 9.0	-	330 13.0	1244 49.0	569 22.4	3775 148.6	21 26.5	-	155 40.9	8.5	7.33V* 7.5 8.0
Bar	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	7.0		
Psi	29	36	44	51	58	65	73	80	87	102		
Machine - Use kg - lbs	UNDERGROUND MINE MACHINE											
ALL AXLES	2050	2450	2750	3100	3450	3800	4150	4475	4800	5500		
ALL AXLES	4520	5400	6065	6835	7605	8380	9150	9865	10580	12125		

*OTHER APPROVED RIMS: 8.00V, 8.50V

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	8.5	JOINT CORNIERE G-25 ICERU R1237 [553012]	-	-

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
14.00R24 E3*** A TT	251590 06866	14 9.0	-	401 15.8	1380 54.3	638 25.1	4205 165.6	24 30.2	-	270 71.3	10.0	10.00W 9.0 9.00V
Bar	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	8.0
Psi	29	36	44	51	58	65	73	80	87	94	102	116
Machine - Use kg - lbs	TRANSPORT											
STAN- DARD				3750		4500	4850	5600	5700	5800	6150	
STAN- DARD				8265		9920	10690	12345	12565	12785	13560	
Machine - Use kg - lbs	UNDERGROUND MINE MACHINE											
ALL AXLES	2950	3400	3850	4300	4800	5300	5750	6200	6550	7250		
ALL AXLES	6505	7495	8490	9480	10580	11685	12675	13670	14440	15985		

IMPORTANT

The inflation pressure must always be appropriate for the load per tire, the speed of travel and the work to be done. Our recommendations above are provided subject to changes made after the date of publication of these tables (October 2020). Technical data is subject to change without prior notice.

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
17.5R25 L3** A TL	263251 44735	14 9.0	-	481 18.9	1346 53.0	600 23.6	4045 159.3	25 31.5	-	300 79.3	14.00/1.5	
Bar	2.0	2.5	3.0		3.5		4.3	4.5		5.0		5.5
<i>Psi</i>	29	36	44		51		62	65		73		80
<i>Machine - Use kg - lbs</i>	UNDERGROUND TRANSPORT MACHINE											
ALL AXLES			4250		4750		5600		5800		6300	6700
<i>ALL AXLES</i>			9370		10470		12345		12785		13890	14770
<i>Machine - Use kg - lbs</i>	LOADER											
FRONT LADEN	4550	5100	5700		6250		7100		7350		7925	8500
<i>FRONT LADEN</i>	10030	11245	12565		13780		15655		16205		17470	18740
REAR UNLA- DEN	3650	4100	4550		5000		5700		5900		6350	6800
<i>REAR UNLADEN</i>	8045	9040	10030		11025		12565		13005		14000	14990

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	14.00/1.5	JOINT TORIQUE OR 2-25 HEUPO R1438 [553201]	-	-

20.5R25 L3** A TL PHASED OUT	263460 01565	14 9.0	-	560 22.0	1486 58.5	655 25.8	4447 175.1	28 35.3	-	485 128.1	17.00/1.7	17.00/2.0
Bar	2.0	2.5	3.0		3.5		4.3	4.5		5.0		5.5
<i>Psi</i>	29	36	44		51		62	65		73		80
<i>Machine - Use kg - lbs</i>	UNDERGROUND TRANSPORT MACHINE											
ALL AXLES			5600		6300		7300		7750		8250	9000
<i>ALL AXLES</i>			12345		13890		16095		17085		18190	19840
<i>Machine - Use kg - lbs</i>	LOADER											
FRONT LADEN	6250	7000	7700		8400		9500		9900		10700	11500
<i>FRONT LADEN</i>	13780	15430	16975		18520		20945		21825		23590	25355
REAR UNLA- DEN	5000	5600	6150		6700		7600		7900		8550	9180
<i>REAR UNLADEN</i>	11025	12345	13560		14770		16755		17415		18850	20240

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	17.00/1.7	JOINT TORIQUE OR 2-25 HEUPO R1438 [553201]	-	-

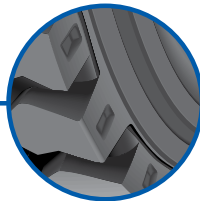
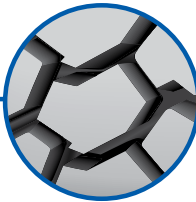
IMPORTANT

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MICHELIN X-TRACTION



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



For Rigid Dump Trucks



INCREASED TIRE LIFE

Thanks to 10% greater rubber volume on the ground to be used¹



HIGH RESISTANCE TO AGGRESSION

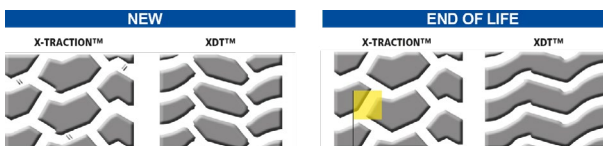
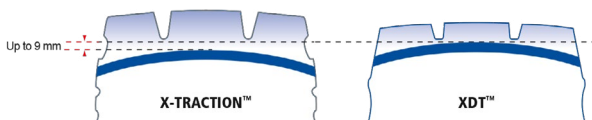
Additional sidewall protection band increases sidewall impact resistance



EXCEPTIONAL TRACTION AND GRIP

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

Up to 15% deeper tread pattern²



Worn out tire still keeping stable lug/void ratio.

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

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

MICHELIN X-TRACTION RD

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
27.00R49 E4** B4 TL PHASED OUT	166905 68679	26 16.0	567 352.3	743 29.3	2737 107.8	1234 48.6	8262 325.3	81 102.0	892 35.1	2045 540.2	19.50/4.0 [3.2]	19.50/4.0 [2.7] 22.00/4.0
Bar	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0		
<i>Psi</i>	51	58	65	73	80	87	94	102	109	116		
<i>Machine - Use kg - lbs</i>	TRANSPORT											
STANDARD	16850	18550	20300	22050	24000	25500	27250	28100	29000	29850		
<i>STANDARD</i>	37150	40895	44755	48610	52910	56220	60075	61950	63935	65810		

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	19.50/4.0 [3.2]	JOINT TORIQUE OR 3-49 HEYCO R1442 [553205]	-	-

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
27.00R49 E4** A4 TL PHASED OUT	495676 38957	18 11.0	392 243.6	743 29.3	2737 107.8	1234 48.6	8262 325.3	81 102.0	892 35.1	2045 540.2	19.50/4.0 [3.2]	19.50/4.0 [2.7] 22.00/4.0
Bar	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0		
<i>Psi</i>	51	58	65	73	80	87	94	102	109	116		
<i>Machine - Use kg - lbs</i>	TRANSPORT											
STANDARD	16850	18550	20300	22050	24000	25500	27250	28100	29000	29850		
<i>STANDARD</i>	37150	40895	44755	48610	52910	56220	60075	61950	63935	65810		

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	19.50/4.0 [3.2]	JOINT TORIQUE OR 3-49 HEYCO R1442 [553205]	-	-

IMPORTANT

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MICHELIN X-TRACTION S RD

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
27.00R49 E3** B TL	689287 35019	35 22.0	763 474.1	746 29.4	2647 104.2	1190 46.9	7982 314.3	46 58.0	892 35.1	2045 540.2	19.50/4.0 [3.2]	19.50/4.0 [2.7] 22.00/4.0
Bar	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0		
<i>Psi</i>	51	58	65	73	80	87	94	102	109	116		
<i>Machine - Use</i>	TRANSPORT											
kg - lbs												
STANDARD	16850	18550	20300	22050	24000	25500	27250	28100	29000	29850		
<i>STANDARD</i>	37150	40895	44755	48610	52910	56220	60075	61950	63935	65810		
TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim		O-ring / Grommet [CAI]			Tube [CAI]		Flap [CAI]				
	19.50/4.0 [3.2]		JOINT TORIQUE OR 3-49 HEYCO R1442 [553205]			-		-				

IMPORTANT

The inflation pressure must always be appropriate for the load per tire, the speed of travel and the work to be done. Our recommendations above are provided subject to changes made after the date of publication of these tables (October 2020). Technical data is subject to change without prior notice.

MICHELIN X-TRACTION

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
18.00R33 E4** TL PHASED OUT	397431 94105	25 16.0	218 135.5	493 19.4	1868 73.5	848 33.4	5652 222.5	62 78.1	624 24.6	661 174.6	13.00/2.5	
Bar	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5				
<i>Psi</i>	58	65	73	80	87	94	102	109				
<i>Machine - Use kg - lbs</i>	TRANSPORT											
STANDARD	7950	8700	9400	10150	10900	11270	11650	12000				
<i>STANDARD</i>	17525	19180	20725	22375	24030	24845	25685	26455				

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	13.00/2.5	JOINT TORIQUE OR 3-33 STRIX R1440 [553203]	-	-

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
21.00R33 E4** TL PHASED OUT	067981 17274	25 16.0	280 174.0	572 22.5	2007 79.0	907 35.7	6064 238.7	71 89.4	697 27.4	851 224.8	15.00/3.0	
Bar	4.0	4.5	5.0	5.5	6.0	6.5	7.0					
<i>Psi</i>	58	65	73	80	87	94	102					
<i>Machine - Use kg - lbs</i>	TRANSPORT											
STANDARD	9315	10250	11185	12125	13065	14000	14470					
<i>STANDARD</i>	20535	22595	24660	26730	28805	30865	31900					

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	15.00/3.0	JOINT TORIQUE OR 3-33 STRIX R1440 [553203]	-	-

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
21.00R33 E4** TL PHASED OUT	294197	18 11.0	202 125.5	572 22.5	2007 79.0	907 35.7	6064 238.7	71 89.4	697 27.4	851 224.8	15.00/3.0	
Bar	4.0	4.5	5.0	5.5	6.0	6.5	7.0					
<i>Psi</i>	58	65	73	80	87	94	102					
<i>Machine - Use kg - lbs</i>	TRANSPORT											
STANDARD	9315	10250	11185	12125	13065	14000	14470					
<i>STANDARD</i>	20535	22595	24660	26730	28805	30865	31900					

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	15.00/3.0	JOINT TORIQUE OR 3-33 STRIX R1440 [553203]	-	-

MICHELIN XTRA LOAD GRIP



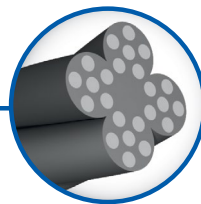
**SPEED OR LOAD,
CHOOSE YOUR
EFFICIENCY**



For Rigid Dump Trucks



**EXCELLENT GRIP^{1,2}
IN LOOSE GROUND
CONDITIONS**



**CORROSION-
PROOF CABLES**

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



**BETTER
LONGEVITY**

Optimized contact patch with the ground



**8-11%
HIGHER PAY LOAD^{3,4}**



**UP TO
34 KILOMETERS
IN AN HOUR⁵**



**+5-8%
WEAR LIFE^{6,7}**

TIRE SIZES: 18.00R33 A4 & B*^{1,2,3,5,6}, 24.00R35 A4 & B*^{1,2,4,5,7}, 21.00R33 A4 & B

¹ Due to 30% more lug edges in contact with the ground.

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

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

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

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

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

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

*Please refer to the Earthmover Tire compounds section.

MICHELIN XTRA LOAD GRIP

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
18.00R33 E4 A4 TL	515155 09496	22 13.7 if load per tire <=10.9 t	194 120.5	497 19.6	1872 73.7	852 33.5	-	60 75.6	598 23.5	603 159.3	13.00/2.5	
		20 12.4 if load per tire >10.9 t										
Bar	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0			
<i>Psi</i>	58	65	73	80	87	94	102	109	116			
Machine - Use kg - lbs	TRANSPORT (LOAD PER TIRE <= 10.9 T)											
STANDARD	7950	8700	9400	10150	10900							
<i>STANDARD</i>	17525	19180	20725	22375	24030							
Machine - Use kg - lbs	TRANSPORT (LOAD PER TIRE > 10.9 T)											
STANDARD							11700	12150	12650	13100		
<i>STANDARD</i>							25795	26785	27890	28880		

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	13.00/2.5	JOINT TORIQUE OR 3-33 STRIX R1440 [553203]	-	-

DESCRIPTION	CAI [MSPN]	Max. dist./hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
18.00R33 E4 B TL	553513 12079	34 21.1 if load per tire <=10.9 t	301 187.0	497 19.6	1872 73.7	-	-	60 75.6	598 23.5	603 159.3	13.00/2.5	
		31 19.3 if load per tire >10.9 t										
Bar	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0			
<i>Psi</i>	58	65	73	80	87	94	102	109	116			
Machine - Use kg - lbs	TRANSPORT (LOAD PER TIRE <= 10.9 T)											
STANDARD	7950	8700	9400	10150	10900							
<i>STANDARD</i>	17525	19180	20725	22375	24030							
Machine - Use kg - lbs	TRANSPORT (LOAD PER TIRE > 10.9 T)											
STANDARD							11700	12150	12650	13100		
<i>STANDARD</i>							25795	26785	27890	28880		

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	13.00/2.5	JOINT TORIQUE OR 3-33 STRIX R1440 [553203]	-	-

IMPORTANT

The inflation pressure must always be appropriate for the load per tire, the speed of travel and the work to be done. Our recommendations above are provided subject to changes made after the date of publication of these tables (October 2020). Technical data is subject to change without prior notice.

MICHELIN XTRA LOAD GRIP

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
21.00R33 E4 B TL	523174 03975	34 21.1 if load per tire <=14 t	384 238.6	565 22.2	2003 78.9	906 35.7	6064 238.7	66 83.1	701 27.6	857 226.4	15.00/3.0	
		31 19.3 if load per tire >14 t										
Bar	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.3	7.5	8.0		
<i>Psi</i>	58	65	73	80	87	94	102	105	109	116		
<i>Machine - Use</i> kg - lbs	TRANSPORT (LOAD PER TIRE <= 14 T)											
STANDARD	9315	10250	11185	12125	13065	14000						
<i>STANDARD</i>	20535	22595	24660	26730	28805	30865						
<i>Machine - Use</i> kg - lbs	TRANSPORT (LOAD PER TIRE > 14 T)											
STANDARD							15000	15500	15865	16600		
<i>STANDARD</i>							33070	34170	34980	36595		

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	15.00/3.0	JOINT TORIQUE OR 3-33 STRIX R1440 [553203]	-	-

DESCRIPTION	CAI [MSPN]	Max. dist./hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
21.00R33 E4 A4 TL	843315 31734	22 13.7 if load per tire <=14 t	248 154.1	565 22.2	2003 78.9	907 35.7	6064 238.7	66 83.1	701 27.6	857 226.4	15.00/3.0	
		20 12.4 if load per tire >14 t										
Bar	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.3	7.5	8.0		
<i>Psi</i>	58	65	73	80	87	94	102	105	109	116		
<i>Machine - Use</i> kg - lbs	TRANSPORT (LOAD PER TIRE <= 14 T)											
STANDARD	9315	10250	11185	12125	13065	14000						
<i>STANDARD</i>	20535	22595	24660	26730	28805	30865						
<i>Machine - Use</i> kg - lbs	TRANSPORT (LOAD PER TIRE > 14 T)											
STANDARD							15000	15500	15865	16600		
<i>STANDARD</i>							33070	34170	34980	36595		

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	15.00/3.0	JOINT TORIQUE OR 3-33 STRIX R1440 [553203]	-	-

IMPORTANT

The inflation pressure must always be appropriate for the load per tire, the speed of travel and the work to be done. Our recommendations above are provided subject to changes made after the date of publication of these tables (October 2020). Technical data is subject to change without prior notice.

MICHELIN XTRA LOAD GRIP

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
24.00R35 E4 B TL	302244 86007	34 21.1 if load per tire <=18.5 t	503 312.5	666 26.2	2163 85.2	976 38.4	-	73 92.0	795 31.3	1169 308.8	17.00/3.5	15.00/3.5
		31 19.3 if load per tire >18.5 t										
Bar	4.5	5.0	5.5	6.0	6.5	7.0	7.3	7.5	7.8	8.0		
<i>Psi</i>	65	73	80	87	94	102	105	109	112	116		
<i>Machine - Use</i> kg - lbs	TRANSPORT (LOAD PER TIRE <= 18.5 T)											
STANDARD	13950	15050	16300	17350	18500							
<i>STANDARD</i>	30755	33180	35935	38250	40785							
<i>Machine - Use</i> kg - lbs	TRANSPORT (LOAD PER TIRE > 18.5 T)											
STANDARD							20000	20500	21000	21500		
<i>STANDARD</i>							44090	45195	46295	47400		

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	17.00/3.5	JOINT TORIQUE OR 3-35 STRASS R1441 [553204]	-	FLAP 16-35 [551800]

DESCRIPTION	CAI [MSPN]	Max. dist./hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
24.00R35 E4 A4 TL	559900 77075	22 13.7 if load per tire <=18.5 t	320 198.8	666 26.2	2163 85.2	976 38.4	-	73 92.0	795 31.3	1169 308.8	17.00/3.5	15.00/3.5
		20 12.4 if load per tire >18.5 t										
Bar	4.5	5.0	5.5	6.0	6.5	7.0	7.3	7.5	7.8	8.0		
<i>Psi</i>	65	73	80	87	94	102	105	109	112	116		
<i>Machine - Use</i> kg - lbs	TRANSPORT (LOAD PER TIRE <= 18.5 T)											
STANDARD	13950	15050	16300	17350	18500							
<i>STANDARD</i>	30755	33180	35935	38250	40785							
<i>Machine - Use</i> kg - lbs	TRANSPORT (LOAD PER TIRE > 18.5 T)											
STANDARD						19500	20000	20500	21000	21500		
<i>STANDARD</i>						42990	44090	45195	46295	47400		

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	17.00/3.5	JOINT TORIQUE OR 3-35 STRASS R1441 [553204]	-	FLAP 16-35 [551800]

IMPORTANT

The inflation pressure must always be appropriate for the load per tire, the speed of travel and the work to be done. Our recommendations above are provided subject to changes made after the date of publication of these tables (October 2020). Technical data is subject to change without prior notice.

MICHELIN XTRA LOAD PROTECT

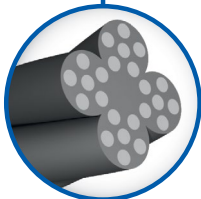


**EASY LIFE IN
HARD CONDITIONS**



For Rigid Dump Trucks

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



CORROSION- PROOF CABLES

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



**8-11%
HIGHER PAY LOAD^{1,2}**



**MORE DISTANCE
IN AN HOUR³**



**+7-8%
WEAR LIFE^{4,5}**

TIRE SIZES: 18.00R33 A4 & B^{1,3,4}, 24.00R35 A4 & B^{2,3,5}, 21.00R33 A4 & B

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

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

³ Compared to MICHELIN® X®QUARRY™ S tires. Actual results may vary.

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

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

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

MICHELIN XTRA LOAD PROTECT

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
18.00R33 E4 A4 TL	646057 89058	22 13.7 if load per tire <=10.9 t	194 120.5	498 19.6	1888 74.3	857 33.7	5713 224.9	63 79.4	598 23.5	603 159.3	13.00/2.5	
		20 12.4 if load per tire >10.9 t										
Bar	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0			
<i>Psi</i>	58	65	73	80	87	94	102	109	116			
<i>Machine - Use kg - lbs</i>	TRANSPORT (LOAD PER TIRE <= 10.9T)											
STANDARD	7950	8700	9400	10150	10900							
<i>STANDARD</i>	17525	19180	20725	22375	24030							
<i>Machine - Use kg - lbs</i>	TRANSPORT (LOAD PER TIRE > 10.9T)											
STANDARD							11700	12150	12650	13100		
<i>STANDARD</i>							25795	26785	27890	28880		

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	13.00/2.5	JOINT TORIQUE OR 3-33 STRIX R1440 [553203]	-	-

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
18.00R33 E4 B TL	769976 21909	34 21.1 if load per tire <=10.9 t	301 187.0	498 19.6	1888 74.3	857 33.7	-	63 79.4	598 23.5	603 159.3	13.00/2.5	
		31 19.3 if load per tire >10.9 t										
Bar	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0			
<i>Psi</i>	58	65	73	80	87	94	102	109	116			
<i>Machine - Use kg - lbs</i>	TRANSPORT (LOAD PER TIRE <= 10.9T)											
STANDARD	7950	8700	9400	10150	10900							
<i>STANDARD</i>	17525	19180	20725	22375	24030							
<i>Machine - Use kg - lbs</i>	TRANSPORT (LOAD PER TIRE > 10.9T)											
STANDARD							11700	12150	12650	13100		
<i>STANDARD</i>							25795	26785	27890	28880		

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	13.00/2.5	JOINT TORIQUE OR 3-33 STRIX R1440 [553203]	-	-

IMPORTANT

The inflation pressure must always be appropriate for the load per tire, the speed of travel and the work to be done. Our recommendations above are provided subject to changes made after the date of publication of these tables (October 2020). Technical data is subject to change without prior notice.

MICHELIN XTRA LOAD PROTECT

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
21.00R33 E4 A4 TL	167639 05749	22 13.7 if load per tire <=14 t	248 154.0	565 22.2	1979 77.9	907 35.7	6064 238.7	54 2.1	701 27.6	-	15.00/3.0	
		20 12.4 if load per tire >14 t										
Bar	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.3	7.5	8.0		
Psi	58	65	73	80	87	94	102	105	109	116		
Machine - Use kg - lbs TRANSPORT (LOAD PER TIRE <= 14T)												
STANDARD	9315	10250	11185	12125	13065	14000						
STANDARD	20535	22595	24660	26730	28805	30865						
Machine - Use kg - lbs TRANSPORT (LOAD PER TIRE > 14T)												
ALL AXLES							15000	15500	15865	16600		
ALL AXLES							33070	34170	34980	36595		

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	15.00/3.0	JOINT TORIQUE OR 3-33 STRIX R1440 [553203]	-	-

DESCRIPTION	CAI [MSPN]	Max. dist./hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
21.00R33 E4 B TL	495016 35283	34 21.1 if load per tire <=14 t	384 238.6	565 22.2	1979 77.9	895 35.2	6064 238.7	54 68.0	701 27.6	859 226.9	15.00/3.0	
		31 19.3 if load per tire >14 t										
Bar	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.3	7.5	8.0		
Psi	58	65	73	80	87	94	102	105	109	116		
Machine - Use kg - lbs TRANSPORT LOAD PER TIRE <= 14 T												
STANDARD	9315	10250	11185	12125	13065	14000						
STANDARD	20535	22595	24660	26730	28805	30865						
Machine - Use kg - lbs TRANSPORT LOAD PER TIRE > 14 T												
STANDARD							15000	15500	15865	16600		
STANDARD							33070	34170	34980	36595		

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	15.00/3.0	JOINT TORIQUE OR 3-33 STRIX R1440 [553203]	-	-

IMPORTANT

The inflation pressure must always be appropriate for the load per tire, the speed of travel and the work to be done. Our recommendations above are provided subject to changes made after the date of publication of these tables (October 2020). Technical data is subject to change without prior notice.

MICHELIN XTRA LOAD PROTECT

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
24.00R35 E4 A4 TL	388190 05723	22 13.7 if load per tire <=18.5 t	320 198.8	670 26.4	2162 85.1	978 38.5	-	70 88.2	795 31.3	1169 308.8	17.00/3.5	15.00/3.5
		20 12.4 if load per tire >18.5 t										
Bar	4.5	5.0	5.5	6.0	6.5	7.0	7.3	7.5	7.8	8.0		
<i>Psi</i>	65	73	80	87	94	102	105	109	112	116		
<i>Machine - Use kg - lbs</i>	TRANSPORT LOAD PER TIRE <= 18.5 T											
STANDARD	13950	15050	16300	17350	18500							
<i>STANDARD</i>	30755	33180	35935	38250	40785							
<i>Machine - Use kg - lbs</i>	TRANSPORT LOAD PER TIRE > 18.5 T											
STANDARD								20000	20500	21000	21500	
<i>STANDARD</i>								44090	45195	46295	47400	

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	17.00/3.5	JOINT TORIQUE OR 3-35 STRASS R1441 [553204]	-	FLAP 16-35 [551800]

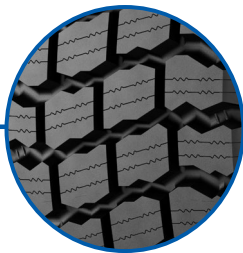
DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
24.00R35 E4 B TL	488798 67386	34 21.1 if load per tire <=18.5 t	503 312.5	670 26.4	2162 85.1	978 38.5	-	70 88.2	795 31.3	1169 308.8	17.00/3.5	15.00/3.5
		31 19.3 if load per tire >18.5 t										
Bar	4.5	5.0	5.5	6.0	6.5	7.0	7.3	7.5	7.8	8.0		
<i>Psi</i>	65	73	80	87	94	102	105	109	112	116		
<i>Machine - Use kg - lbs</i>	TRANSPORT LOAD PER TIRE <= 18.5 T											
STANDARD	13950	15050	16300	17350	18500							
<i>STANDARD</i>	30755	33180	35935	38250	40785							
<i>Machine - Use kg - lbs</i>	TRANSPORT LOAD PER TIRE > 18.5 T											
STANDARD						19500	20000	20500	21000	21500		
<i>STANDARD</i>						42990	44090	45195	46295	47400		

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	17.00/3.5	JOINT TORIQUE OR 3-35 STRASS R1441 [553204]	-	FLAP 16-35 [551800]

IMPORTANT

The inflation pressure must always be appropriate for the load per tire, the speed of travel and the work to be done. Our recommendations above are provided subject to changes made after the date of publication of these tables (October 2020). Technical data is subject to change without prior notice.

MICHELIN X SNOPLUS



For Loaders, Cranes and Graders

**EXCEPTIONAL
TRACTION
ON SNOW AND ICE**



ALL-SEASON USE

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



LOW OPERATING COST

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

Excellent wear life



OUTSTANDING TRACTION ON SNOW AND ICE

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

TIRE SIZES: 14.00R24, 385/95R24, 17.5R25, 20.5R25, 23.5R25, 385/95R25, 445/95R25

MICHELIN X SNOPLUS

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
14.00R24 L2* TL	123861 53173	16 10.0	-	372 14.6	1364 53.7	545 21.5	3941 155.2	24 30.2	-	264 69.7	8.00TGSDC	9.00/1.5 DC 10.00VASDC
Bar	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5				
<i>Psi</i>	29	36	44	51	58	65	73	80				
Machine - Use kg - lbs	GRADER											
ALL AXLES	2300	2725	3125	3550								
<i>ALL AXLES</i>	5070	6010	6890	7825								
Machine - Use kg - lbs	LOADER											
FRONT LADEN	3250	3750	4300	4800	5350	5900	6400	6900				
<i>FRONT LADEN</i>	7165	8265	9480	10580	11795	13005	14110	15210				
REAR UNLA- DEN	2600	3000	3450	3850	4300	4700	5100	5500				
<i>REAR UNLADEN</i>	5730	6615	7605	8490	9480	10360	11245	12125				

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	8.00TGSDC	JOINT TORIQUE OR 2-25 HEUPO R1438 [553201]	-	-

385/95R24 L2 170E TT	432272 36887	70 43.0	-	386 15.2	1358 53.5	635 25.0	4156 163.6	24 30.2	-	283 74.8	10.00W	10.0
Bar	5.0	6.0		7.0	8.0	9.0						
<i>Psi</i>	73	87		102	116	131						
Machine - Use kg - lbs	CRANE AND SIMILAR SPECIALIZED MACHINE											
30 KM/H	4860	5880		6460	7000	7800						
<i>20 MPH</i>	10715	12965		14240	15430	17195						
40 KM/H	4635	5610		6165	6675	7450						
<i>25 MPH</i>	10220	12370		13590	14715	16425						
50 KM/H	4410	5340		5865	6355	7100						
<i>30 MPH</i>	9720	11775		12930	14010	15655						
60 KM/H	4190	5070		5565	6030	6720						
<i>35 MPH</i>	9235	11175		12270	13295	14815						
65 KM/H	4020	4865		5345	5790	6450						
<i>40 MPH</i>	8865	10725		11785	12765	14220						
70 KM/H	3740	4525		4970	5385	6000						
<i>43 MPH</i>	8245	9975		10955	11870	13230						
80 KM/H	3085	3735		4100	4445	4950						
<i>50 MPH</i>	6805	8235		9040	9800	10915						
90 KM/H	2620	3170		3480	3770	4200						
<i>55 MPH</i>	5775	6990		7670	8310	9260						
100 KM/H	2245	2715		2980	3230	3600						
<i>62 MPH</i>	4950	5985		6570	7120	7935						

IMPORTANT

The inflation pressure must always be appropriate for the load per tire, the speed of travel and the work to be done. Our recommendations above are provided subject to changes made after the date of publication of these tables (October 2020). Technical data is subject to change without prior notice.

MICHELIN X SNOPLUS

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
17.5R25 L2* TL	123871 99466	16 10.0	-	448 17.6	1342 52.8	576 22.7	3977 156.6	28 35.3	-	333 88.0	14.00/1.5	13.00/1.4 DC 14.00/1.3 DC 14.00/1.5 DC
Bar	2.0	2.5			3.0		3.5			4.3		4.5
<i>Psi</i>	29	36			44		51			62		65
<i>Machine - Use kg - lbs</i>	GRADER											
ALL AXLES	2800	3250			3650							
<i>ALL AXLES</i>	6175	7165			8045							
<i>Machine - Use kg - lbs</i>	LOADER											
FRONT LADEN	4550	5100			5700		6250			7100		7350
<i>FRONT LADEN</i>	10030	11245			12565		13780			15655		16205
REAR UNLADEN	3650	4100			4550		5000			5700		5900
<i>REAR UNLADEN</i>	8045	9040			10030		11025			12565		13005

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	14.00/1.5	JOINT TORIQUE OR 2-25 HEUPO R1438 [553201]	-	-

20.5R25 L2* TL	123795 62408	16 10.0	-	534 21.0	1471 57.9	632 24.9	4362 171.7	31 39.1	-	500 132.1	17.00/1.7	17.00/2.0
Bar	2.0	2.5			3.0		3.5			4.3		4.5
<i>Psi</i>	29	36			44		51			62		65
<i>Machine - Use kg - lbs</i>	GRADER											
ALL AXLES	3600	4125			4625							
<i>ALL AXLES</i>	7935	9095			10195							
<i>Machine - Use kg - lbs</i>	LOADER											
FRONT LADEN	6250	7000			7700		8400			9500		9900
<i>FRONT LADEN</i>	13780	15430			16975		18520			20945		21825
REAR UNLADEN	5000	5600			6150		6700			7600		7900
<i>REAR UNLADEN</i>	11025	12345			13560		14770			16755		17415

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	17.00/1.7	JOINT TORIQUE OR 2-25 HEUPO R1438 [553201]	-	-

IMPORTANT

The inflation pressure must always be appropriate for the load per tire, the speed of travel and the work to be done. Our recommendations above are provided subject to changes made after the date of publication of these tables (October 2020). Technical data is subject to change without prior notice.

MICHELIN X SNOPLUS

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
23.5R25 L2* TL	460452 74539	16 10.0	-	603 23.7	1610 63.4	687 27.0	4761 187.4	34 42.8	-	670 177.0	19.50/2.5	
Bar	2.0			2.5		3.0			3.5			4.0
<i>Psi</i>	29			36		44			51			58
Machine - Use												
kg - lbs	GRADER											
ALL AXLES	4875			5425		6000						
<i>ALL AXLES</i>	10750			11960		13230						
Machine - Use												
kg - lbs	LOADER											
FRONT LADEN	8100			9100		10150			11150			12150
<i>FRONT LADEN</i>	17855			20060		22375			24580			26785
REAR UNLADEN	6500			7300		8100			8900			9700
<i>REAR UNLADEN</i>	14330			16095		17855			19620			21385

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	19.50/2.5	JOINT TORIQUE OR 3-25 SULLA R1437 [553200]	-	-

385/95R25 E2 170E TL	705961 05893	70 43.0	-	388 15.3	1365 53.7	632 24.9	4163 163.9	25 31.5	-	280 74.0	9.50/1.7 CR	10.00/1.5 11.25/1.3
Bar	5.0			6.0		7.0			8.0			9.0
<i>Psi</i>	73			87		102			116			131
Machine - Use												
kg - lbs	CRANE AND SIMILAR SPECIALIZED MACHINE											
30 KM/H	4860			5880		6460			7000			7800
<i>20 MPH</i>	10715			12965		14240			15430			17195
40 KM/H	4635			5610		6165			6675			7450
<i>25 MPH</i>	10220			12370		13590			14715			16425
50 KM/H	4410			5340		5865			6355			7100
<i>30 MPH</i>	9720			11775		12930			14010			15655
60 KM/H	4190			5070		5565			6030			6720
<i>35 MPH</i>	9235			11175		12270			13295			14815
65 KM/H	4020			4865		5345			5790			6450
<i>40 MPH</i>	8865			10725		11785			12765			14220
70 KM/H	3740			4525		4970			5385			6000
<i>43 MPH</i>	8245			9975		10955			11870			13230
80 KM/H	3085			3735		4100			4445			4950
<i>50 MPH</i>	6805			8235		9040			9800			10915
90 KM/H	2620			3170		3480			3770			4200
<i>55 MPH</i>	5775			6990		7670			8310			9260
100 KM/H	2245			2715		2980			3230			3600
<i>62 MPH</i>	4950			5985		6570			7120			7935

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	9.50/1.7 CR	JOINT TORIQUE OR 2-25 HEUPO R1438 [553201]	CHAMBRE 24/25TAM VALVE 1837 [101781]	-

IMPORTANT

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MICHELIN X SNOPLUS

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
445/95R25 E2 177E TL	123857 20575	70 43.0	-	447 17.6	1486 58.5	688 27.1	4528 178.3	25 31.5	513 20.2	380 100.4	11.00/1.7 CR	11.25/2 DC635x280 CR
Bar	5.0			6.0		7.0			8.0			9.0
<i>Psi</i>	73			87		102			116			131
<i>Machine - Use</i> kg - lbs	CRANE AND SIMILAR SPECIALIZED MACHINE											
30 KM/H 20 MPH	5850 12895			6750 14880		7650 16865			8600 18960			9500 20945
40 KM/H 25 MPH	5600 12345			6450 14220		7300 16095			8200 18080			9050 19950
50 KM/H 30 MPH	5300 11685			6150 13560		6950 15320			7800 17195			8600 18960
65 KM/H 40 MPH	4850 10690			5600 12345		6350 14000			7150 15765			7800 17195
70 KM/H 43 MPH	4500 9920			5200 11465		5900 13005			6600 14550			7300 16095
80 KM/H 50 MPH	3700 8155			4250 9370		4850 10690			5400 11905			6000 13230
90 KM/H 55 MPH	3150 6945			3650 8045		4150 9150			4600 10140			5100 11245
100 KM/H 62 MPH	2700 5950			3120 6880		3550 7825			3950 8710			4400 9700

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	11.00/1.7 CR	JOINT TORIQUE OR 3-25 SULLA R1437 [553200]	-	-

IMPORTANT

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MICHELIN XTLA



**EXCEPTIONAL
TRACTION AND STABILITY
ON YIELDING TERRAIN**



For Loaders and Graders



EXCEPTIONAL TRACTION

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



GOOD STABILITY

The summit is reinforced to offer stability comparable to MICHELIN® XHA 2 tire



DRASTIC DOWNTIME REDUCTION

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

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

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
15.5R25 L2* A TL	123415 94687	16 10.0	-	397 15.6	1272 50.1	556 21.9	3795 149.4	26 32.8	-	245 64.7	12.00/1.3	12.00/1.3 DC 13.00/1.4 DC
Bar	2.0	2.5		3.0	3.5	4.0	4.5					
<i>Psi</i>	29	36		44	51	58	65					
<i>Machine - Use kg - lbs</i>	GRADER											
ALL AXLES	2325	2650		3000								
<i>ALL AXLES</i>	5125	5840		6615								
<i>Machine - Use kg - lbs</i>	LOADER											
FRONT LADEN	3700	4250		4800	5350	5800	6450					
<i>FRONT LADEN</i>	8155	9370		10580	11795	12785	14220					
REAR UNLADEN	2950	3400		3850	4300	4650	5150					
<i>REAR UNLADEN</i>	6505	7495		8490	9480	10250	11355					

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	12.00/1.3	JOINT TORIQUE OR 2-25 HEUPO R1438 [553201]	-	-

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
17.5R25 L2* A TL	123425 04118	16 10.0	-	459 18.1	1337 52.6	574 22.6	3964 156.1	28 35.3	-	332 87.7	14.00/1.5	14.00/1.3 DC 14.00/1.5 DC
Bar	2.0	2.5		3.0	3.5	4.3	4.5					
<i>Psi</i>	29	36		44	51	62	65					
<i>Machine - Use kg - lbs</i>	GRADER											
ALL AXLES	2800	3250		3650								
<i>ALL AXLES</i>	6175	7165		8045								
<i>Machine - Use kg - lbs</i>	LOADER											
FRONT LADEN	4550	5100		5700	6250	7100	7350					
<i>FRONT LADEN</i>	10030	11245		12565	13780	15655	16205					
REAR UNLADEN	3650	4100		4550	5000	5700	5900					
<i>REAR UNLADEN</i>	8045	9040		10030	11025	12565	13005					

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	14.00/1.5	JOINT TORIQUE OR 2-25 HEUPO R1438 [553201]	-	-

IMPORTANT

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TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
20.5R25 L2* A TL	123435 09122 21430	16 10.0	-	532 20.9	1480 58.3	637 25.1	4391 172.9	31 39.1	-	500 132.1	17.00/1.7	17.00/2.0

Bar	2.0	2.5	3.0	3.5	4.3	4.5
<i>Psi</i>	29	36	44	51	62	65

**Machine - Use
kg - lbs GRADER**

ALL AXLES	3600	4125	4625
<i>ALL AXLES</i>	7935	9095	10195

**Machine - Use
kg - lbs LOADER**

FRONT LADEN	6250	7000	7700	8400	9500	9900
<i>FRONT LADEN</i>	13780	15430	16975	18520	20945	21825
REAR UNLADEN	5000	5600	6150	6700	7600	7900
<i>REAR UNLADEN</i>	11025	12345	13560	14770	16755	17415

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	17.00/1.7	JOINT TORIQUE OR 2-25 HEUPO R1438 [553201]	-	-

23.5R25 L2* A TL	123445	16	-	596	1614	686	4766	34	-	680	19.50/2.5	
	49977	10.0		23.5	63.5	27.0	187.6	42.8		179.6		

Bar	2.0	2.5	3.0	3.5	4.0
<i>Psi</i>	29	36	44	51	58

**Machine - Use
kg - lbs GRADER**

ALL AXLES	4875	5425	6000
<i>ALL AXLES</i>	10750	11960	13230

**Machine - Use
kg - lbs LOADER**

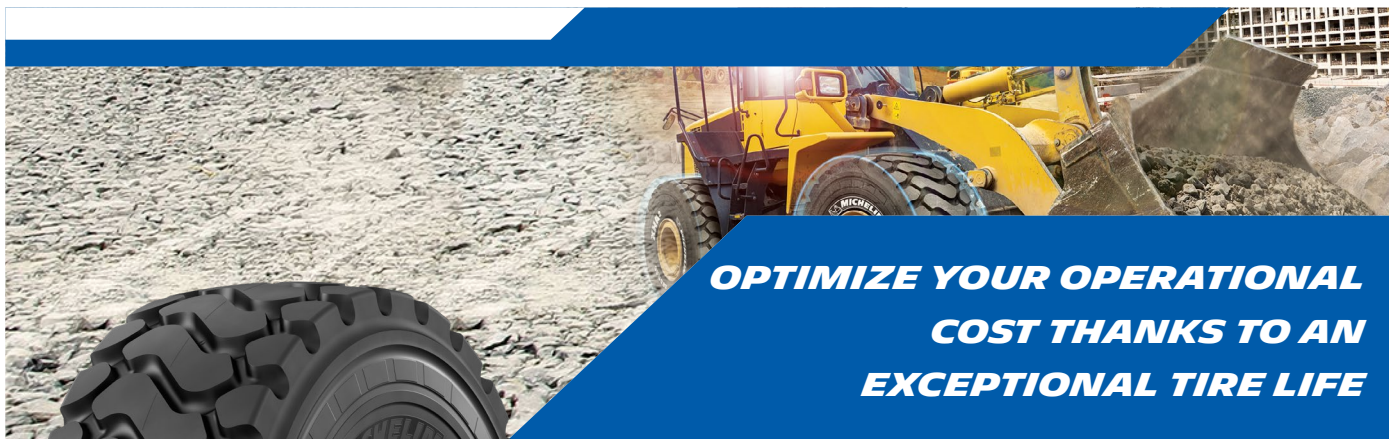
FRONT LADEN	8100	9100	10150	11150	12150
<i>FRONT LADEN</i>	17855	20060	22375	24580	26785
REAR UNLADEN	6500	7300	8100	8900	9700
<i>REAR UNLADEN</i>	14330	16095	17855	19620	21385

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	19.50/2.5	JOINT TORIQUE OR 3-25 SULLA R1437 [553200]	CHAMBRE 25WAM VALVE 1837 [101871]	FLAP 18-24/25 [551612]

IMPORTANT

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MICHELIN XHA 2



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



For Loaders and Graders



DESIGNED TO BE RETREADED

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

MICHELIN® XHA 2® is up to 19%¹ cooler vs alternative producer 2



EXCELLENT LONGEVITY

+16% WEAR LIFE¹

Wear resistant rubber compound

More rubber to be worn² XHA 2® :
+ 9.5% volume of tread rubber
vs. alternative producer 1 and
+ 4.6% vs alternative producer 2

Optimized contact patch
with the ground



BETTER AGGRESSION RESISTANCE⁴

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

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

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

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

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

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

MICHELIN XHA 2

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
17.5R25 L3* 176A2 TL	717546 48885	16 10.0	-	459 18.1	1342 52.8	583 23.0	3995 157.3	29 36.5	-	325 85.9	14.00/1.5	13.00/1.4 DC 14.00/1.5 DC

Bar	2.0	2.5	3.0	3.5	4.3	4.5
<i>Psi</i>	29	36	44	51	62	65

<i>Machine - Use</i> kg - lbs	GRADER
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ALL AXLES	2800	3250	3650
<i>ALL AXLES</i>	6175	7165	8045

<i>Machine - Use</i> kg - lbs	LOADER
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FRONT LADEN	4550	5100	5700	6250	7100	7350
<i>FRONT LADEN</i>	10030	11245	12565	13780	15655	16205

REAR UNLADEN	3650	4100	4550	5000	5700	5900
<i>REAR UNLADEN</i>	8045	9040	10030	11025	12565	13005

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	14.00/1.5	JOINT TORIQUE OR 2-25 HEUPO R1438 [553201]	-	-

20.5R25 L3* 186A2 TL	899613 69018 84298	16 10.0	-	528 20.8	1486 58.5	644 25.4	4420 174.0	33 41.6	-	489 129.2	17.00/1.7	17.00/2.0
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Bar	2.0	2.5	3.0	3.5	4.3	4.5
<i>Psi</i>	29	36	44	51	62	65

<i>Machine - Use</i> kg - lbs	GRADER
---	---------------

ALL AXLES	3600	4125	4625
<i>ALL AXLES</i>	7935	9095	10195

<i>Machine - Use</i> kg - lbs	LOADER
---	---------------

FRONT LADEN	6250	7000	7700	8400	9500	9900
<i>FRONT LADEN</i>	13780	15430	16975	18520	20945	21825

REAR UNLADEN	5000	5600	6150	6700	7600	7900
<i>REAR UNLADEN</i>	11025	12345	13560	14770	16755	17415

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	17.00/1.7	JOINT TORIQUE OR 2-25 HEUPO R1438 [553201]	-	-

IMPORTANT

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MICHELIN XHA 2

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
23.5R25 L3* 195A2 TL	139147 65791	16 10.0	-	599 23.6	1612 63.5	690 27.2	4773 187.9	36 45.4	-	672 177.5	19.50/2.5	
Bar	2.0			2.5		3.0		3.5			4.0	
<i>Psi</i>	29			36		44		51			58	

Machine - Use kg - lbs		GRADER										
ALL AXLES	4875			5425		6000						
<i>ALL AXLES</i>	10750			11960		13230						
Machine - Use kg - lbs		LOADER										
FRONT LADEN	8100			9100		10150		11150			12150	
<i>FRONT LADEN</i>	17855			20060		22375		24580			26785	
REAR UNLADEN	6500			7300		8100		8900			9700	
<i>REAR UNLADEN</i>	14330			16095		17855		19620			21385	

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	19.50/2.5	JOINT TORIQUE OR 3-25 SULLA R1437 [553200]	-	-

26.5R25 L3** 209A2 TL	893825 65348	16 10.0	-	678 26.7	1732 68.2	740 29.1	5125 201.8	41 51.7	-	879 232.2	22.00/3.0	22.00/3.0 IF				
Bar	2.0			2.5		3.0		3.5		4.0		4.5		5.0		5.5
<i>Psi</i>	29			36		44		51		58		65		73		80

Machine - Use kg - lbs		GRADER												
ALL AXLES	5400	6400		7500										
<i>ALL AXLES</i>	11905	14110		16535										
Machine - Use kg - lbs		LOADER												
FRONT LADEN	9300	10300		12150		13600		15000		16150		17350		18500
<i>FRONT LADEN</i>	20505	22710		26785		29985		33070		35605		38250		40785
REAR UNLA- DEN	7450	8250		9700		10900		12000		12900		13900		14800
<i>REAR UNLADEN</i>	16425	18190		21385		24030		26455		28440		30645		32630

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	22.00/3.0	JOINT TORIQUE OR 3-25 SULLA R1437 [553200]	-	-

IMPORTANT

The inflation pressure must always be appropriate for the load per tire, the speed of travel and the work to be done. Our recommendations above are provided subject to changes made after the date of publication of these tables (October 2020). Technical data is subject to change without prior notice.

MICHELIN XHA 2

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
29.5R25 L3** 216A2 TL	961307 82493	16 10.0	-	747 29.4	1860 73.2	795 31.3	5504 216.7	43 54.2	-	1177 310.9	25.00/3.5	
Bar	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5				
<i>Psi</i>	29	36	44	51	58	65	73	80				

Machine - Use kg - lbs		LOADER										
FRONT LADEN	11150	12300	14600	16300	18000	19450	20950	22400				
<i>FRONT LADEN</i>	24580	27115	32185	35935	39685	42880	46185	49385				
REAR UNLADEN	8900	9850	11700	13050	14400	15550	16750	17900				
<i>REAR UNLADEN</i>	19620	21715	25795	28770	31745	34280	36925	39465				

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	25.00/3.5	JOINT TORIQUE OR 3-25 SULLA R1437 [553200]	-	-

775/65R29 L3 206A2 TL	992646 84326	16 10.0	-	780 30.7	1735 68.3	747 29.4	5149 202.7	44 55.4	-	1008 266.3	24.00/3.5	25.00/3.5
Bar	3.0	3.5	4.0	4.3	4.5	4.8	5.0	5.3				
<i>Psi</i>	44	51	58	62	65	69	73	76				
Machine - Use kg - lbs		LOADER										
FRONT LADEN	11750	13250	15000	15500	16500	17000	17500	18500				
<i>FRONT LADEN</i>	25905	29210	33070	34170	36375	37480	38580	40785				
REAR UNLADEN	9400	10600	12000	12400	13200	13600	14000	14800				
<i>REAR UNLADEN</i>	20725	23370	26455	27335	29100	29985	30865	32630				

875/65R29 L3* 214A2 TL	936624 32190	16 10.0	-	882 34.7	1870 73.6	797 31.4	5528 217.6	49 61.7	-	1354 357.7	27.00/3.0	27.00/3.5 28.00/3.5
Bar	2.0	2.5	3.0	3.5	4.0	4.3	4.5	4.8				
<i>Psi</i>	29	36	44	51	58	62	65	69				
Machine - Use kg - lbs		LOADER										
FRONT LADEN	9000	11250	13500	15750	18000	18970	20085	21200				
<i>FRONT LADEN</i>	19840	24800	29760	34725	39685	41815	44280	46740				
REAR UNLADEN	7200	9000	10800	12600	14400	15175	16065	16960				
<i>REAR UNLADEN</i>	15875	19840	23810	27780	31745	33455	35420	37390				

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	27.00/3.0	JOINT TORIQUE OR 3-29 SULKY R1439 [553202]	-	-

IMPORTANT

The inflation pressure must always be appropriate for the load per tire, the speed of travel and the work to be done. Our recommendations above are provided subject to changes made after the date of publication of these tables (October 2020). Technical data is subject to change without prior notice.

MICHELIN XLD 65



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



For Loaders and Graders



HIGHER FOOTPRINT

Up to 49% more tread rubber¹ to protect your tire and insure its retreadability

Better traction on mixed soil



HIGHER AIR VOLUME

Better comfort for the operator with up to 10% or more shock absorption²

Better flotation in soft soils



FITS ON A WIDER RIM

Same diameter as an 80 series tire +14% footprint surface and greater number of edges²

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

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

MICHELIN XLD 65

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
550/65R25 L3* TL	123570 86785	16 10.0	-	549 21.6	1400 55.1	600 23.6	4147 163.3	32 40.3	-	450 118.9	17.00/1.7	17.00/2.0
Bar	2.0	2.3	2.5	3.0	3.3	3.5	4.0	4.3	4.5	5.0		
<i>Psi</i>	29	33	36	44	47	51	58	62	65	73		
<i>Machine - Use</i> kg - lbs	GRADER											
ALL AXLES	2940	3210	3480	4020	4290	4560	5100					
<i>ALL AXLES</i>	6480	7075	7670	8865	9460	10055	11245					
<i>Machine - Use</i> kg - lbs	LOADER											
FRONT LADEN	4900	5350	5800	6700	7150	7600	8500	8950	9400	10300		
<i>FRONT LADEN</i>	10805	11795	12785	14770	15765	16755	18740	19730	20725	22710		
REAR UNLADEN	3925	4290	4650	5350	5720	6075	6800	7165	7525	8250		
<i>REAR UNLADEN</i>	8655	9460	10250	11795	12610	13395	14990	15795	16590	18190		

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	17.00/1.7	JOINT TORIQUE OR 2-25 HEUPO R1438 [553201]	-	-

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
600/65R25 L3* TL	063799 82704	16 10.0	-	622 24.5	1429 56.3	617 24.3	4246 167.2	34 42.8	-	484 127.9	19.50/2.5	17.00/1.7 17.00/2.0
Bar	2.0	2.5	3.0	3.5	4.0	4.5	5.0					
<i>Psi</i>	29	36	44	51	58	65	73					
<i>Machine - Use</i> kg - lbs	GRADER											
ALL AXLES	3390	4005	4600									
<i>ALL AXLES</i>	7475	8830	10140									
<i>Machine - Use</i> kg - lbs	LOADER											
FRONT LADEN	5650	6675	7700	8725	9750	10725	11700					
<i>FRONT LADEN</i>	12455	14715	16975	19235	21495	23645	25795					
REAR UNLADEN	4520	5340	6160	6980	7800	8580	9360					
<i>REAR UNLADEN</i>	9965	11775	13580	15390	17195	18915	20635					

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	19.50/2.5	JOINT TORIQUE OR 2-25 HEUPO R1438 [553201]	-	-

IMPORTANT

The inflation pressure must always be appropriate for the load per tire, the speed of travel and the work to be done. Our recommendations above are provided subject to changes made after the date of publication of these tables (October 2020). Technical data is subject to change without prior notice.

MICHELIN XLD 65

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
650/65R25 L3* TL	123820 90278	16 10.0	-	634 25.0	1498 59.0	637 25.1	4425 174.2	37 46.6	-	596 157.4	19.50/2.5	
Bar	2.0	2.5		3.0		3.5		4.0		4.5		5.0
<i>Psi</i>	29	36		44		51		58		65		73

<i>Machine - Use kg - lbs</i>	GRADER											
ALL AXLES	4100	4800		5500		6200		6900		7600		8300
<i>ALL AXLES</i>	9040	10580		12125		13670		15210		16755		18300
<i>Machine - Use kg - lbs</i>	LOADER											
FRONT LADEN	6700	7900		9100		10300		11500		12700		13900
<i>FRONT LADEN</i>	14770	17415		20060		22710		25355		28000		30645
REAR UNLADEN	5400	6350		7300		8250		9200		10150		11100
<i>REAR UNLADEN</i>	11905	14000		16095		18190		20285		22375		24470

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	19.50/2.5	JOINT TORIQUE OR 3-25 SULLA R1437 [553200]	-	-

750/65R25 L3* TL	123940 50629	16 10.0	-	747 29.4	1591 62.6	683 26.9	4714 185.6	41 51.7	-	788 208.2	24.00/3.0	22.00/3.0	
Bar	2.0	2.5		3.0		3.5		4.0		4.5		5.0	5.5
<i>Psi</i>	29	36		44		51		58		65		73	80

<i>Machine - Use kg - lbs</i>	GRADER													
ALL AXLES	5040	5830		6620		7020		7420		8210				
<i>ALL AXLES</i>	11110	12855		14595		15475		16360		18100				
<i>Machine - Use kg - lbs</i>	LOADER													
FRONT LADEN	8400	9720		11040		11700		12360		13680		15000	16320	17640
<i>FRONT LADEN</i>	18520	21430		24340		25795		27250		30160		33070	35980	38890
REAR UNLADEN	6725	7775		8825		9365		9900		10950		12000	13050	14100
<i>REAR UNLADEN</i>	14825	17140		19455		20645		21825		24140		26455	28770	31085

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	24.00/3.0	JOINT TORIQUE OR 3-25 SULLA R1437 [553200]	-	-

IMPORTANT

The inflation pressure must always be appropriate for the load per tire, the speed of travel and the work to be done. Our recommendations above are provided subject to changes made after the date of publication of these tables (October 2020). Technical data is subject to change without prior notice.

MICHELIN XLD 65

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
800/65R29 L3* TL	123059 45325	16 10.0	-	793 31.2	1818 71.6	790 31.1	5412 213.1	48 60.5	-	1093 288.7	27.00/3.0	24.00/3.5
Bar	2.0	2.5	3.0	3.5	4.0	4.3	4.5	5.0	5.5			
<i>Psi</i>	29	36	44	51	58	62	65	73	80			
<i>Machine - Use kg - lbs</i>	LOADER											
FRONT LADEN	10100	11800	13500	15200	16900	17500	18600	20300	22000			
<i>FRONT LADEN</i>	22265	26015	29760	33510	37260	38580	41005	44755	48500			
REAR UNLA- DEN	8100	9450	10800	12150	13500	14000	14900	16250	17600			
<i>REAR UNLA- DEN</i>	17855	20835	23810	26785	29760	30865	32850	35825	38800			

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	27.00/3.0	JOINT TORIQUE OR 3-29 SULKY R1439 [553202]	-	-

IMPORTANT

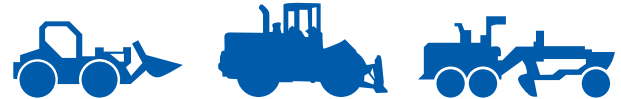
The inflation pressure must always be appropriate for the load per tire, the speed of travel and the work to be done. Our recommendations above are provided subject to changes made after the date of publication of these tables (October 2020). Technical data is subject to change without prior notice.

MICHELIN XLD D1

Phase out from december 2024



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



For Loaders, Dozers and Graders



EXCEPTIONAL GRIP

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



GREAT PROTECTION

Reinforced belt package and customized compound dedicated to aggressive conditions



EXCEPTIONAL TIRE LIFE

*/** load and carry up to 14 KPH

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

MICHELIN XLD D1

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
26.5R25 L4* A TL PHASED OUT	123495 70042	14 9.0	-	690 27.2	1803 71.0	780 30.7	5360 211.0	53 66.8	-	947 250.2	22.00/3.0	22.00/3.0 IF

Bar	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5
<i>Psi</i>	29	36	44	51	58	65	73	80

Machine - Use
kg - lbs UNDERGROUND TRANSPORT MACHINE

ALL AXLES			9000	10300	11200	12500	13200	14500
<i>ALL AXLES</i>			19840	22710	24690	27560	29100	31965

Machine - Use
kg - lbs LOADER

FRONT LADEN	9300	10300	12150	13600	15000	16150	17350	18500
<i>FRONT LADEN</i>	20505	22710	26785	29985	33070	35605	38250	40785
REAR UNLA- DEN	7450	8250	9700	10900	12000	12900	13900	14800
<i>REAR UNLADEN</i>	16425	18190	21385	24030	26455	28440	30645	32630

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	22.00/3.0	JOINT TORIQUE OR 3-25 SULLA R1437 [553200]	-	-

29.5R25 L4* A TL PHASED OUT	123741 90432	14 9.0	-	769 30.3	1906 75.0	821 32.3	5656 222.7	58 73.1	-	1171 309.3	25.00/3.5	
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Bar	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5
<i>Psi</i>	29	36	44	51	58	65	73	80

Machine - Use
kg - lbs UNDERGROUND TRANSPORT MACHINE

ALL AXLES			10900	12150	13600	15000	16000	17500
<i>ALL AXLES</i>			24030	26785	29985	33070	35275	38580

Machine - Use
kg - lbs LOADER

FRONT LADEN	11150	12300	14600	16300	18000	19450	20950	22400
<i>FRONT LADEN</i>	24580	27115	32185	35935	39685	42880	46185	49385
REAR UNLA- DEN	8900	9850	11700	13050	14400	15550	16750	17900
<i>REAR UNLADEN</i>	19620	21715	25795	28770	31745	34280	36925	39465

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	25.00/3.5	JOINT TORIQUE OR 3-25 SULLA R1437 [553200]	-	-

IMPORTANT

The inflation pressure must always be appropriate for the load per tire, the speed of travel and the work to be done. Our recommendations above are provided subject to changes made after the date of publication of these tables (October 2020). Technical data is subject to change without prior notice.

MICHELIN XLD D1

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
35/65R33 L4** A TL PHASED OUT	143231 33617	14 9.0	-	923 36.3	2056 80.9	899 35.4	6135 241.5	60 75.6	-	1550 409.5	28.00/3.5	
Bar	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5				
<i>Psi</i>	44	51	58	65	73	80	87	94				
<i>Machine - Use kg - lbs</i>	UNDERGROUND TRANSPORT MACHINE											
ALL AXLES	13600	15500	17000	18500	20000	21800	23000	24300	25750	28000		
<i>ALL AXLES</i>	29985	34170	37480	40785	44090	48060	50705	53570	56770	61730		
<i>Machine - Use kg - lbs</i>	LOADER											
FRONT LADEN	16100	17700	19000	21200	23000	24300	25750	28000				
<i>FRONT LADEN</i>	35495	39020	41890	46740	50705	53570	56770	61730				
REAR UNLA- DEN	12900	14200	15200	16950	18400	19450	20600	22400				
<i>REAR UNLADEN</i>	28440	31305	33510	37370	40565	42880	45415	49385				

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	28.00/3.5	JOINT TORIQUE OR 3-25 SULLA R1437 [553200]	-	-

35/65R33 SH4**** 225A8 TL PHASED OUT	520986	14 9.0	320 198.8	927 36.5	2057 81.0	919 36.2	-	60 75.6	-	1499 396.0	28.00/3.5	
Bar	5.0	5.5	6.0	6.5	7.0	7.5	8.0					
<i>Psi</i>	73	80	87	94	102	109	116					
<i>Machine - Use kg - lbs</i>	UNDERGROUND TRANSPORT MACHINE											
ALL AXLES	20000	21200	23000	24300	25750	27250	29000					
<i>ALL AXLES</i>	44090	46740	50705	53570	56770	60075	63935					
TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]								
	28.00/3.5	-	-	-								

IMPORTANT

The inflation pressure must always be appropriate for the load per tire, the speed of travel and the work to be done. Our recommendations above are provided subject to changes made after the date of publication of these tables (October 2020). Technical data is subject to change without prior notice.

MICHELIN XTXL

Phase out from december 2024



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



For Loaders and Underground Machines

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



COOLING SYSTEM



DESIGNED TO
INCREASE TIRE
LIFE BY UP TO **10%¹**

Large rubber volume distributed evenly over the whole sculpture

SIDEWALL PROTECTION

Reinforced sidewall, increases shock and abrasion resistance

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



UP TO **20%**
INCREASED
RESISTANCE IN
AGGRESSIVE
CONDITIONS¹



UP TO **20%**
INCREASED LOAD
CAPACITY¹

Allows greater inflation pressures and higher load capacity



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

TECHNICAL CHARACTERISTICS

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
26.5R25 E4**** L4*** 214A2 TL	039149 06534	14 8.7 if load per tire <=18.5 t 12 7.5 if load per tire >18.5 t	180 111.8	687 27.0	1722 67.8	755 29.7	5143 202.5	54 68.0	-	789 208.4	22.00/3.0	22.00/3.0 IF
Bar	3.0	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0		
Psi	44	58	65	73	80	87	94	102	109	116		
Machine - Use kg - lbs UNDERGROUND TRANSPORT MACHINE												
ALL AXLES	9000	11200	12500	13200	14500	15500	16500	17000	18000	19000		
ALL AXLES	19840	24690	27560	29100	31965	34170	36375	37480	39685	41890		
Machine - Use kg - lbs LOADER (LOAD PER TIRE <= 18.5T)												
FRONT LADEN	10300	12850	14000	15000	16000	17000	18500					
FRONT LADEN	22710	28330	30865	33070	35275	37480	40785					
Machine - Use kg - lbs LOADER (LOAD PER TIRE > 18.5T)												
FRONT LADEN								19500	20600	21200		
FRONT LADEN								42990	45415	46740		
Machine - Use kg - lbs LOADER (LOAD PER TIRE <= 18.5T)												
REAR UNLADEN	8240	10280	11200	12000	12800	13600	14800					
REAR UNLADEN	18165	22665	24690	26455	28220	29985	32630					
Machine - Use kg - lbs LOADER (LOAD PER TIRE > 18.5T)												
REAR UNLADEN								15600	16480	16960		
REAR UNLADEN								34390	36330	37390		
TUBELESS MOUNTING ACCESSORIES AVAILABLE												
	Recommended rim	O-ring / Grommet [CAI]		Tube [CAI]		Flap [CAI]						
	22.00/3.0	JOINT TORIQUE OR 3-25 SULLA R1437 [553200]		-		-						

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
26.5R25 E4 TL PHASED OUT	321951 81060	-	180 111.8	687 27.0	1722 67.8	763 30.0	5164 203.3	54 68.0	-	817 215.8	22.00/3.0	22.00/3.0 IF
Bar	3.0	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0		
<i>Psi</i>	44	58	65	73	80	87	94	102	109	116		
<i>Machine - Use kg - lbs</i>	UNDERGROUND TRANSPORT MACHINE											
ALL AXLES	9000	11200	12500	13200	14500	15500	16500	17000	18000	19000		
<i>ALL AXLES</i>	19840	24690	27560	29100	31965	34170	36375	37480	39685	41890		
TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim		O-ring / Grommet [CAI]				Tube [CAI]		Flap [CAI]			
	22.00/3.0		JOINT TORIQUE OR 3-25 SULLA R1437 [553200]				-		-			

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
29.5R25 E4**** L4*** 221A2 TL	427926 40734	14 8.7 if load per tire <=22.4 t 12 7.5 if load per tire >22.4 t	220 136.7	775 30.5	1822 71.7	793 31.2	5435 214.0	59 74.3	-	1029 271.8	25.00/3.5	
Bar	3.0	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0		
<i>Psi</i>	44	58	65	73	80	87	94	102	109	116		

Machine - Use kg - lbs	UNDERGROUND TRANSPORT MACHINE											
ALL AXLES	10900	13600	15000	16000	17500	18500	19500	20600	21800	23000		
<i>ALL AXLES</i>	24030	29985	33070	35275	38580	40785	42990	45415	48060	50705		

Machine - Use kg - lbs	LOADER (LOAD PER TIRE <= 22.4T)											
FRONT LADEN	12500	15500	17000	18000	19500	20600	22400					
<i>FRONT LADEN</i>	27560	34170	37480	39685	42990	45415	49385					

Machine - Use kg - lbs	LOADER (LOAD PER TIRE > 22.4T)											
FRONT LADEN									23600	24300	25750	
<i>FRONT LADEN</i>									52030	53570	56770	

Machine - Use kg - lbs	LOADER (LOAD PER TIRE <= 22.4T)											
REAR UNLADEN	10000	12400	13600	14400	15600	16480	17920					
<i>REAR UNLADEN</i>	22045	27335	29985	31745	34390	36330	39505					

Machine - Use kg - lbs	LOADER (LOAD PER TIRE > 22.4T)											
REAR UNLADEN									18880	19440	20600	
<i>REAR UNLADEN</i>									41625	42860	45415	

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	25.00/3.5	JOINT TORIQUE OR 3-25 SULLA R1437 [553200]	-	-

29.5R29 E4**** TL	512305 68037	-	220 136.7	775 30.5	1928 75.9	855 33.7	5783 227.7	63 79.4	-	1139 300.9	25.00/3.5	24.00/3.5
Bar	3.0	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0		
<i>Psi</i>	44	58	65	73	80	87	94	102	109	116		

Machine - Use kg - lbs	UNDERGROUND TRANSPORT MACHINE											
ALL AXLES	11800	14500	16000	17000	18500	19500	20600	21800	23000	24300		
<i>ALL AXLES</i>	26015	31965	35275	37480	40785	42990	45415	48060	50705	53570		

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	25.00/3.5	JOINT TORIQUE OR 3-29 SULKY R1439 [553202]	-	-

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
35/65R33 E4 S TL PHASED OUT	771025 91242	-	320 198.8	907 35.7	2026 79.8	893 35.2	6063 238.7	60 75.6	-	1474 389.4	28.00/3.5	
Bar	5.0	5.5		6.0		6.5		7.0		7.5		8.0
<i>Psi</i>	73	80		87		94		102		109		116
<i>Machine - Use kg - lbs</i>	UNDERGROUND TRANSPORT MACHINE											
ALL AXLES	20000	21200		23000		24300		25750		27250		29000
<i>ALL AXLES</i>	44090	46740		50705		53570		56770		60075		63935
TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim		O-ring / Grommet [CAI]			Tube [CAI]			Flap [CAI]			
	28.00/3.5		JOINT TORIQUE OR 3-33 STRIX R1440 [553203]			-			-			

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
35/65R33 E4**** L4*** 229A2 TL	845075 46729	14 8.7 if load per tire <=28 t	250 155.3	907 35.7	2026 79.8	885 34.8	6048 238.1	60 75.6	-	1474 389.4	28.00/3.5	
Bar	3.0	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0		
Psi	44	58	65	73	80	87	94	102	109	116		
Machine - Use	UNDERGROUND TRANSPORT MACHINE											
kg - lbs												
ALL AXLES				20000	21200	23000	24300	25750	27250	29000		
ALL AXLES				44090	46740	50705	53570	56770	60075	63935		
Machine - Use	LOADER (LOAD PER TIRE <= 28T)											
kg - lbs												
FRONT LADEN	16100	19000	21200	23000	24300	25750	28000					
FRONT LADEN	35495	41890	46740	50705	53570	56770	61730					
Machine - Use	LOADER (LOAD PER TIRE > 28T)											
kg - lbs												
FRONT LADEN								30000	31500	32500		
FRONT LADEN								66140	69445	71650		
Machine - Use	LOADER (LOAD PER TIRE <= 28T)											
kg - lbs												
REAR UNLADEN	12900	15200	16950	18400	19450	20600	22400					
REAR UNLADEN	28440	33510	37370	40565	42880	45415	49385					
Machine - Use	LOADER (LOAD PER TIRE > 28T)											
kg - lbs												
REAR UNLADEN								24000	25200	26000		
REAR UNLADEN								52910	55555	57320		
TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim		O-ring / Grommet [CAI]			Tube [CAI]		Flap [CAI]				
	28.00/3.5		JOINT TORIQUE OR 3-33 STRIX R1440 [553203]			-		-				

IMPORTANT

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TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
35/65R33 E4 TL PHASED OUT	970355 34351	-	250 155.3	907 35.7	2026 79.8	893 35.2	6063 238.7	60 75.6	-	1546 408.4	28.00/3.5	
Bar	5.0	5.5		6.0		6.5		7.0		7.5		8.0
<i>Psi</i>	73	80		87		94		102		109		116
<i>Machine - Use kg - lbs</i>	UNDERGROUND TRANSPORT MACHINE											
ALL AXLES	20000	21200		23000		24300		25750		27250		29000
<i>ALL AXLES</i>	44090	46740		50705		53570		56770		60075		63935
TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim		O-ring / Grommet [CAI]		Tube [CAI]		Flap [CAI]					
	28.00/3.5		JOINT TORIQUE OR 3-33 STRIX R1440 [553203]		-		-					

IMPORTANT

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MICHELIN 70/70 R 57 X MINE L4**



**BOOSTING THE
PRODUCTIVITY OF THE
WORLD'S LARGEST WHEEL
LOADER**



For Large Wheel Loaders



**IMPROVED MOBILITY
& PRODUCTIVITY¹**

Delivers improved mobility and productivity thanks to 1.5 times the tramping speed of the competitor tire.¹



**EXCELLENT
PROTECTION &
WEAR RESISTANCE**

The steel cables found in the Michelin X MINE radial tire provide a robust architecture, resulting in outstanding endurance under the harshest mining conditions.



**LONGER
TIRE LIFE²**

- Lasts at least 41% longer on the front axle.²
- Runs cooler for increased tire endurance.³
- Radial construction helps provide tire strength and protection.

RADIAL CONSTRUCTION

The first radial tire constructed for the Komatsu WE2350/P&H L2350 large wheel loader.



TIRE SIZES: 70/70R57

¹ Based on the Firestone Technical Bulletin reference number BATO-OTR-TB-006-240409 (GLT Trampling Recommendations, Row 4 of Trampling Guidelines Chart), using ambient temperature of 38° C, comparing the speed over 16km trampling distance, the 70/70-57 Firestone® SRG DT LD L4 bias ply tire has a limit of 8km/hr and the 70/70R57 Michelin X MINE L4 ** tire has a limit of 12km/hr. Actual results may vary.

² Based on customer data extracted from tire management systems, when fitted on the front axle, the 70/70R57 Michelin X MINE L4 ** tire lasts longer (6,053 hours) versus the 70/70-57 Firestone® SRG DT LD L4 bias ply tire (4,483 hours).

³ Based on customer data extracted from tire pressure monitoring systems measurements of the internal air chamber temperature of the 70/70R57 Michelin X MINE L4 ** tire and the 70/70-57 Firestone® SRG DT LD L4 bias ply tire where vehicles had equivalent trampling distance and operated under the same conditions. Actual results may vary.

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
70/70R57 L4** TL	684202 92660	7 4.0	-	1845 72.6	3983 156.8	1703 67.0	-	99 124.7	-	13404 3541.0	60.00/6.0	
Bar	5.0	5.3		5.5		5.8		6.0		6.3		6.8
<i>Psi</i>	73	76		80		83		87		91		98
Machine - Use kg - lbs	LOADER											
FRONT LADEN	115000	118000		121000		125000		128500		132000		136000
<i>FRONT LADEN</i>	253530	260145		266760		275580		283295		291010		299830
REAR UNLADEN	92000	94400		96800		100000		102800		105600		108800
<i>REAR UNLADEN</i>	202825	208115		213405		220460		226635		232810		239865
TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim		O-ring / Grommet [CAI]			Tube [CAI]			Flap [CAI]			
	60.00/6.0		JOINT TORIQUE OR 4-57 R1481 [553211]			-			-			

IMPORTANT

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MICHELIN XLD D2

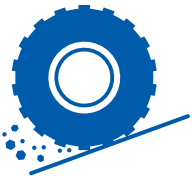


**IMPROVE YOUR SURFACE
LOADER PRODUCTIVITY
AND SPEED IN DIFFICULT
CONDITIONS**



For Loaders, Large Wheel Loaders and Wheel Dozers

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



EXCEPTIONAL GRIP

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



GREAT PROTECTION

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



INCREASED LIFE

High tread depth 115 mm/144.9 32nd (L5) provides outstanding tire wear

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

MICHELIN XLD D2

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
17.5R25 L5* A TL	123317 37608	10 6.0	-	454 17.9	1406 55.4	619 24.4	4206 165.6	63 79.4	-	305 80.6	14.00/1.5	
Bar	2.0	2.5	3.0		3.5		4.3	4.5		5.0		5.5
<i>Psi</i>	29	36	44		51		62	65		73		80
<i>Machine - Use kg - lbs</i>	GRADER											
ALL AXLES	2800	3250	3650									
<i>ALL AXLES</i>	6175	7165	8045									
<i>Machine - Use kg - lbs</i>	UNDERGROUND TRANSPORT MACHINE											
ALL AXLES			4250		4750		5600		5800		6300	6700
<i>ALL AXLES</i>			9370		10470		12345		12785		13890	14770
<i>Machine - Use kg - lbs</i>	LOADER											
FRONT LADEN	4550	5100	5700		6250		7100		7350			
<i>FRONT LADEN</i>	10030	11245	12565		13780		15655		16205			
REAR UNLA- DEN	3650	4100	4550		5000		5700		5900			
<i>REAR UNLADEN</i>	8045	9040	10030		11025		12565		13005			

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	14.00/1.5	JOINT TORIQUE OR 2-25 HEUPO R1438 [553201]	-	-

20.5R25 L5* A TL	123325 79084	10 6.0	-	534 21.0	1530 60.2	674 26.5	4578 180.2	72 90.7	-	427 112.8	17.00/1.7	17.00/2.0
Bar	2.0	2.5	3.0		3.5		4.3	4.5		5.0		5.5
<i>Psi</i>	29	36	44		51		62	65		73		80
<i>Machine - Use kg - lbs</i>	GRADER											
ALL AXLES	3600	4125	4625									
<i>ALL AXLES</i>	7935	9095	10195									
<i>Machine - Use kg - lbs</i>	UNDERGROUND TRANSPORT MACHINE											
ALL AXLES			5600		6300		7300		7750		8250	9000
<i>ALL AXLES</i>			12345		13890		16095		17085		18190	19840
<i>Machine - Use kg - lbs</i>	LOADER											
FRONT LADEN	6250	7000	7700		8400		9500		9900			
<i>FRONT LADEN</i>	13780	15430	16975		18520		20945		21825			
REAR UNLA- DEN	5000	5600	6150		6700		7600		7900			
<i>REAR UNLADEN</i>	11025	12345	13560		14770		16755		17415			

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	17.00/1.7	JOINT TORIQUE OR 2-25 HEUPO R1438 [553201]	-	-

IMPORTANT

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MICHELIN XLD D2

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
23.5R25 L5* A TL	123326 58159	10 6.0	-	612 24.1	1662 65.4	722 28.4	4947 194.8	77 97.0	-	600 158.5	19.50/2.5	
Bar	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5				
<i>Psi</i>	29	36	44	51	58	65	73	80				
<i>Machine - Use kg - lbs</i>	GRADER											
ALL AXLES	4875	5425	6000									
<i>ALL AXLES</i>	10750	11960	13230									
<i>Machine - Use kg - lbs</i>	UNDERGROUND TRANSPORT MACHINE											
ALL AXLES			7300	8250	9000	9750	10600	11500				
<i>ALL AXLES</i>			16095	18190	19840	21495	23370	25355				
<i>Machine - Use kg - lbs</i>	LOADER											
FRONT LADEN	8100	9100	10150	11150	12150							
<i>FRONT LADEN</i>	17855	20060	22375	24580	26785							
REAR UNLA- DEN	6500	7300	8100	8900	9700							
<i>REAR UNLADEN</i>	14330	16095	17855	19620	21385							

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	19.50/2.5	JOINT TORIQUE OR 3-25 SULLA R1437 [553200]	-	-

26.5R25 L5* A TL	123094 33046	10 6.0	-	687 27.0	1800 70.9	778 30.6	5348 210.6	87 109.6	-	825 217.9	22.00/3.0	22.00/3.0 IF
Bar	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5				
<i>Psi</i>	29	36	44	51	58	65	73	80				
<i>Machine - Use kg - lbs</i>	UNDERGROUND TRANSPORT MACHINE											
ALL AXLES			9000	10300	11200	12500	13200	14500				
<i>ALL AXLES</i>			19840	22710	24690	27560	29100	31965				
<i>Machine - Use kg - lbs</i>	LOADER											
FRONT LADEN	9300	10300	12150	13600	15000	16150	17350	18500				
<i>FRONT LADEN</i>	20505	22710	26785	29985	33070	35605	38250	40785				
REAR UNLA- DEN	7450	8250	9700	10900	12000	12900	13900	14800				
<i>REAR UNLADEN</i>	16425	18190	21385	24030	26455	28440	30645	32630				

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	22.00/3.0	JOINT TORIQUE OR 3-25 SULLA R1437 [553200]	-	-

IMPORTANT

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MICHELIN XLD D2

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
29.5R25 L5* A TL	123278 28230	10 6.0	-	762 30.0	1900 74.8	821 32.3	5645 222.2	95 119.7	-	985 260.2	25.00/3.5	
Bar	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5		5.0	5.5	
<i>Psi</i>	29	36	44	51	58	65	73	80		73	80	
<i>Machine - Use kg - lbs</i>	UNDERGROUND TRANSPORT MACHINE											
ALL AXLES			10900	12150	13600	15000	16000	17500				
<i>ALL AXLES</i>			24030	26785	29985	33070	35275	38580				
<i>Machine - Use kg - lbs</i>	LOADER											
FRONT LADEN	11150	12300	14600	16300	18000	19450	20950	22400				
<i>FRONT LADEN</i>	24580	27115	32185	35935	39685	42880	46185	49385				
REAR UNLA- DEN	8900	9850	11700	13050	14400	15550	16750	17900				
<i>REAR UNLADEN</i>	19620	21715	25795	28770	31745	34280	36925	39465				

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	25.00/3.5	JOINT TORIQUE OR 3-25 SULLA R1437 [553200]	-	-

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
35/65R33 L5** TL	592188 29247	10 6.0	-	926 36.5	2060 81.1	902 35.5	6150 242.1	97 122.2	-	1457 384.9	28.00/3.5	
Bar	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5		6.0	6.5	
<i>Psi</i>	44	51	58	65	73	80	87	94		87	94	
<i>Machine - Use kg - lbs</i>	UNDERGROUND TRANSPORT MACHINE											
ALL AXLES	13600	15500	17000	18500	20000	21800	23000	24300		23000	24300	
<i>ALL AXLES</i>	29985	34170	37480	40785	44090	48060	50705	53570		50705	53570	
<i>Machine - Use kg - lbs</i>	LOADER											
FRONT LADEN	16100	17700	19000	21200	23000	24300	25750	28000		25750	28000	
<i>FRONT LADEN</i>	35495	39020	41890	46740	50705	53570	56770	61730		56770	61730	
REAR UNLA- DEN	12900	14200	15200	16950	18400	19450	20600	22400		20600	22400	
<i>REAR UNLADEN</i>	28440	31305	33510	37370	40565	42880	45415	49385		45415	49385	

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	28.00/3.5	JOINT TORIQUE OR 3-33 STRIX R1440 [553203]	-	-

IMPORTANT

The inflation pressure must always be appropriate for the load per tire, the speed of travel and the work to be done. Our recommendations above are provided subject to changes made after the date of publication of these tables (October 2020). Technical data is subject to change without prior notice.

MICHELIN XLD D2

TIRE CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
45/65R39 L5** 242A2 TL	519947 48376	10 6.0	-	1102 43.4	2580 101.6	1116 43.9	7668 301.9	115 144.9	-	2760 729.1	36.00/4.5	32.00/4.5
Bar	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5				
Psi	44	51	58	65	73	80	87	94				
Machine - Use kg - lbs	LOADER											
FRONT LADEN	26500	30000	33500	36500	40000	42500	45000	47500				
FRONT LADEN	58420	66140	73855	80470	88185	93695	99210	104720				
REAR UNLADEN	21200	24000	26800	29200	32000	34000	36000	38000				
REAR UNLADEN	46740	52910	59085	64375	70550	74955	79365	83775				

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	36.00/4.5	JOINT TORIQUE OR 3-39 FUODI R1069 [553206]	-	-

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
45/65R45 L5** 244A2 TL	871341 79265	10 6.0	-	1147 45.2	2703 106.4	1180 46.5	8062 317.4	115 144.9	-	3020 797.8	36.00/4.5	
Bar	4.0	4.5	5.0	5.5	6.0	6.5						
Psi	58	65	73	80	87	94						
Machine - Use kg - lbs	LOADER											
FRONT LADEN	35500	38750	42500	45000	47500	51500						
FRONT LADEN	78265	85430	93695	99210	104720	113540						
REAR UNLADEN	28400	31000	34000	36000	38000	41200						
REAR UNLADEN	62610	68345	74955	79365	83775	90830						

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	36.00/4.5	JOINT TORIQUE OR 9-8-45 R1580 [553214]	-	-

IMPORTANT

The inflation pressure must always be appropriate for the load per tire, the speed of travel and the work to be done. Our recommendations above are provided subject to changes made after the date of publication of these tables (October 2020). Technical data is subject to change without prior notice.

MICHELIN XTRA POWER L4



**BE READY TO MOVE
TONNAGE WITH HIGH
PROTECTION**



For Loaders/Wheeldozers



PRODUCTIVITY

For A4*** compound: Up to
10 km in one hour / 6.2 miles
in one hour at 47 °

For B4*** compound: Up to
16 km in one hour / 9.9 miles
in one hour at 47 ° C

+11% (+98 kg) extra material
vs XTXL. ⁽¹⁾



COMFORT

Optimized response to
forward & reverse cycles
in multi-purpose usages.



ROBUSTNESS

+ 20% crown puncture
resistance ⁽²⁾

+ 10% sidewall puncture
resistance ⁽²⁾

(1) Internal comparison between 35/65 R33 XTRA Power L4 and 35/65 R33 XTXL, measurements certified by the Michelin® Center of Technology, Ladoux, France.
(2) Internal comparison between 35/65 R33 XTRA Power L4 and 35/65 R33 XLD D1, measurements certified by the Michelin® Center of Technology, Ladoux, France.

MICHELIN XTRA POWER L4

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
35/65R33 L4*** 229A2 A4 TL	097314 82106	12 7.0	-	912 35.9	2085 82.1	906 35.7	6135 241.5	60 75.6	-	1520 401.5	28.00/3.5	

Bar	3.0	3.5	4.0	4.5	5.0	5.5	5.8	6.3	6.8	7.0
Psi	44	51	58	65	73	80	83	91	98	102

Machine - Use kg - lbs	LOADER									
FRONT LADEN	17350	19250	21200	23000	25000	26500	28000	30000	31500	32500
FRONT LADEN	38250	42440	46740	50705	55115	58420	61730	66140	69445	71650
REAR UN-LADEN	13895	15415	16950	18400	20000	21200	22400	23990	25190	25985
REAR UNLA-DEN	30640	33980	37370	40565	44095	46735	49385	52890	55530	57285

BLOCK HANDLING (SEE DETAILS IN THE SECTION: HELP WITH THE USE OF EARTHMOVER TIRES)

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	28.00/3.5	JOINT TORIQUE OR 3-25 SULLA R1437 [553200]	-	-

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
35/65R33 L4*** 229A2 B4 TL	959644 60966	18 11.0	-	912 35.9	2085 82.1	906 35.7	6135 241.5	60 75.6	-	1520 401.5	28.00/3.5	

Bar	3.0	3.5	4.0	4.5	5.0	5.5	5.8	6.3	6.8	7.0
Psi	44	51	58	65	73	80	83	91	98	102

Machine - Use kg - lbs	LOADER									
FRONT LADEN	17350	19250	21200	23000	25000	26500	28000	30000	31500	32500
FRONT LADEN	38250	42440	46740	50705	55115	58420	61730	66140	69445	71650
REAR UN-LADEN	13895	15415	16950	18400	20000	21200	22400	23990	25190	25985
REAR UNLA-DEN	30640	33980	37370	40565	44095	46735	49385	52890	55530	57285

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	28.00/3.5	JOINT TORIQUE OR 3-25 SULLA R1437 [553200]	-	-

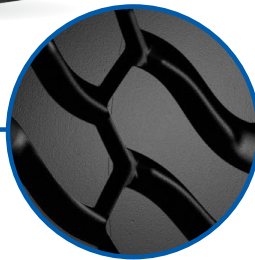
IMPORTANT

The inflation pressure must always be appropriate for the load per tire, the speed of travel and the work to be done. Our recommendations above are provided subject to changes made after the date of publication of these tables (October 2020). Technical data is subject to change without prior notice.

MICHELIN XTRA POWER L5



**TAKES ON FACEWORK
AT FULL POWER**



For Loaders/Wheelers



**MAXIMIZE
POWER,
MINIMIZE
RIM SLIP**

Redesigned bead optimizes transfer of torque



**INCREASE
LOAD-CARRYING
CAPACITY¹**

Carry 16%² more load due to increased *** rating



**GET MORE CROWN
PROTECTION²**

Designed with a reinforced steel crown belt package



**ELIMINATE LUG
CRACKING**

Designed with new bridges and curved sculpture

¹ Increase in Load Carrying Capacity Requires Speed Reduction.

² Reference Michelin® Technical Earthmover Databook 2019. Internal comparison between Michelin® XLD® D2 35/65R33 and Michelin® X® TRA POWER® L5 35/65R33.

MICHELIN XTRA POWER L5

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
875/65R29 L5** TL	858995 14624	9 6.0	-	873 34.4	1907 75.1	822 32.4	-	92 115.9	-	1245 328.9	27.00/3.0	27.00/3.5 28.00/3.5
Bar	3.0	4.0	4.3	4.8	5.0	5.3	5.5	5.8	6.0	6.3		
<i>Psi</i>	44	58	62	69	73	76	80	83	87	91		
<i>Machine - Use</i> kg - lbs	LOADER											
FRONT LADEN	13500	18500	19500	21200	21800	23000	23600	24300	25000	25750		
<i>FRONT LADEN</i>	29760	40785	42990	46740	48060	50705	52030	53570	55115	56770		
REAR UNLADEN	10800	12600	14400	16960	17850	18750	19650	20500	21400	23000		
<i>REAR UNLADEN</i>	23810	27780	31745	37390	39355	41335	43320	45195	47180	50705		

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
35/65R33 L5*** 229A2 TL	169990 51910	10 6.2 if load per tire <=28 t	-	930 36.6	2058 81.0	905 35.6	-	95 119.7	-	1403 370.6	28.00/3.5	
Bar	3.0	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0		
<i>Psi</i>	44	58	65	73	80	87	94	102	109	116		
<i>Machine - Use</i> kg - lbs	LOADER LOAD PER TIRE <= 28 T											
FRONT LADEN	16100	19000	21200	23000	24300	25750	28000					
<i>FRONT LADEN</i>	35495	41890	46740	50705	53570	56770	61730					
REAR UNLADEN	12900	15200	16950	18400	19450	20600	22400					
<i>REAR UNLADEN</i>	28440	33510	37370	40565	42880	45415	49385					
<i>Machine - Use</i> kg - lbs	LOADER LOAD PER TIRE > 28 T											
FRONT LADEN								30000	31500	32500		
<i>FRONT LADEN</i>								66140	69445	71650		
REAR UNLADEN								24000	25200	26000		
<i>REAR UNLADEN</i>								52910	55555	57320		

BLOCK HANDLING (SEE DETAILS IN THE SECTION: HELP WITH THE USE OF EARTHMOVER TIRES)

IMPORTANT

The inflation pressure must always be appropriate for the load per tire, the speed of travel and the work to be done. Our recommendations above are provided subject to changes made after the date of publication of these tables (October 2020). Technical data is subject to change without prior notice.

MICHELIN X MINE DEFEND



**IMPROVE
UNDERGROUND AND
BLOCK HANDLING
PRODUCTIVITY**



For Underground Mining Trucks and High Load Capacity Loaders



MAXIMIZE VEHICLE PRODUCTIVITY

Optimized load and speed
boost vehicle performance¹



SUPERIOR TRACTION & ADHESION¹

1. A center groove that increases grip
2. A new innovative tread pattern

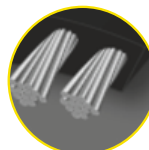


BLOCK HANDLING

The Michelin X MINE Defend tire is the right solution for block-handling applications with heavy load demands in Quarries.



4% IMPROVED TIRE LIFE¹



- 30% larger diameter cable
- 10% more tread rubber
- Same load, lower pressure

TIRE SIZES: 26.5R25, 29.5R25

¹Compared to the Michelin XTXL tire

MICHELIN X MINE DEFEND

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
26.5R25 SH4**** L4*** 210A8 TL	318776 66524	14 9.0	210 130.5	707 27.8	1779 70.0	789 31.1	5143 202.5	57 71.8	-	881 232.7	22.00/3.0	22.00/3.0 IF

Bar	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0
Psi	44	51	58	65	73	80	87	94	102

Machine - Use kg - lbs	UNDERGROUND TRANSPORT MACHINE											
ALL AXLES	11200	12500	13200	14500	15500	16500	17000	18000	19000			
<i>ALL AXLES</i>	24690	27560	29100	31965	34170	36375	37480	39685	41890			

Machine - Use kg - lbs	LOADER											
FRONT LADEN	12850	14000	15000	16000	17000	18500	19500	20600	21200			
<i>FRONT LADEN</i>	28330	30865	33070	35275	37480	40785	42990	45415	46740			
REAR UNLADEN	10280	11200	12000	12800	13600	14800	15600	16480	16960			
<i>REAR UNLADEN</i>	22665	24690	26455	28220	29985	32630	34390	36330	37390			

BLOCK HANDLING (SEE DETAILS IN THE SECTION: HELP WITH THE USE OF EARTHMOVER TIRES)												
TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim		O-ring / Grommet [CAI]			Tube [CAI]		Flap [CAI]				
	22.00/3.0		JOINT TORIQUE OR 3-25 SULLA R1437 [553200]			-		-				

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
29.5R25 SH4**** L4*** 217A8 TL	149968 60320	14 9.0	250 155.3	781 30.7	1895 74.6	836 32.9	5435 214.0	60 75.6	-	1173 309.9	25.00/3.5	

Bar	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0
Psi	44	51	58	65	73	80	87	94	102

Machine - Use kg - lbs	UNDERGROUND TRANSPORT MACHINE											
ALL AXLES	13600	15000	16000	17500	18500	19500	20600	21800	23000			
<i>ALL AXLES</i>	29985	33070	35275	38580	40785	42990	45415	48060	50705			

Machine - Use kg - lbs	LOADER											
FRONT LADEN	15500	17000	18000	19500	20600	22400	23600	24300	25750			
<i>FRONT LADEN</i>	34170	37480	39685	42990	45415	49385	52030	53570	56770			
REAR UNLADEN	12400	13600	14400	15600	16480	17920	18880	19440	20600			
<i>REAR UNLADEN</i>	27335	29985	31745	34390	36330	39505	41625	42860	45415			

BLOCK HANDLING (SEE DETAILS IN THE SECTION: HELP WITH THE USE OF EARTHMOVER TIRES)												
TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim		O-ring / Grommet [CAI]			Tube [CAI]		Flap [CAI]				
	25.00/3.5		JOINT TORIQUE OR 3-25 SULLA R1437 [553200]			-		-				

IMPORTANT

The inflation pressure must always be appropriate for the load per tire, the speed of travel and the work to be done. Our recommendations above are provided subject to changes made after the date of publication of these tables (October 2020). Technical data is subject to change without prior notice.

MICHELIN X MINE DEFEND

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
29.5R29 SH4**** L4*** 219A8 TL	490307 83695	14 9.0	270 167.8	785 30.9	2001 78.8	885 34.8	5783 227.7	63 79.4	-	1282 338.7	25.00/3.5	24.00/3.5
Bar	3.0	3.5	4.0	4.5	5.0	5.3	5.5	6.0	6.5	7.0		
Psi	44	51	58	65	73	76	80	87	94	102		
Machine - Use kg - lbs	GRADER											
ALL AXLES	9750	10900	12150	13200	14500	15000						
ALL AXLES	21495	24030	26785	29100	31965	33070						
Machine - Use kg - lbs	UNDERGROUND TRANSPORT MACHINE											
ALL AXLES	14500	16000	17000	18500	19500	20000	20600	21800	23000	24300		
ALL AXLES	31965	35275	37480	40785	42990	44090	45415	48060	50705	53570		
Machine - Use kg - lbs	LOADER											
FRONT LADEN	16500	18000	19500	20600	22400	23000	23600	25000	26500	27250		
FRONT LADEN	36375	39685	42990	45415	49385	50705	52030	55115	58420	60075		
REAR UNLADEN	13200	14400	15600	16480	17920	18400	18880	20000	21200	21800		
REAR UNLADEN	29100	31745	34390	36330	39505	40565	41625	44090	46740	48060		
BLOCK HANDLING (SEE DETAILS IN THE SECTION: HELP WITH THE USE OF EARTHMOVER TIRES)												

Please note that the new size 29.5R29 will be available from February 2025.

IMPORTANT

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MICHELIN X MINE D2



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



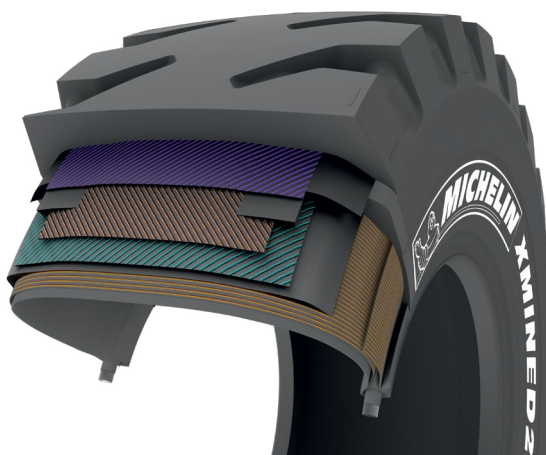
For Loaders, Skid-Steer Loaders,
Underground Mining Trucks and Underground Mining LHD Loaders



IMPACT & CUT RESISTANT

Thanks to the optimized compound, the reinforced protection ply and the tread depth slow tire wear and ensure this tire is exceptionally robust in standard conditions

REINFORCED PROTECTION PLY



ADHESION & TRACTION

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

TIRE SIZES: 7.50R15, 8.25R15, 10.00R15, 350/65R15, 14.5R15, 400/80R15, 9.00R20, 12.00R20, 14.00R20, 450/70R20, 12.00R24, 17.5R25, 18.00R25, 20.5R25, 23.5R25, 26.5R25, 29.5R25, 29.5R29, 35/65R33

MICHELIN X MINE D2

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
7.50R15 L5 TT	123342 23416	6 4.0	-	230 9.1	840 33.1	385 15.2	2551 100.4	46 58.0	-	39 10.3	6.0	5.5* 6.00S 6.5
Bar	3.0	3.5	3.8	4.0	4.5	5.0	5.5	6.0	7.0	8.0		
Psi	44	51	54	58	65	73	80	87	102	116		
<i>Machine - Use</i>	UNDERGROUND MINE MACHINE											
ALL AXLES	1675	1800	1875	1925	2025	2150	2250	2375	2600	2825		
<i>ALL AXLES</i>	3695	3970	4135	4245	4465	4740	4960	5235	5730	6230		
<i>Machine - Use</i>	LOADER											
FRONT LADEN	1850	2000	2075	2150	2250	2400	2500	2650	2900	3150		
<i>FRONT LADEN</i>	4080	4410	4575	4740	4960	5290	5510	5840	6395	6945		
REAR UNLADEN	1475	1600	1650	1725	1800	1925	2000	2125	2325	2525		
<i>REAR UNLADEN</i>	3250	3525	3640	3805	3970	4245	4410	4685	5125	5565		

*OTHER APPROVED RIMS: B6.5

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
8.25R15 L5 TT	123352 22154	6 4.0	-	250 9.8	882 34.7	402 15.8	2680 105.5	48 60.5	-	47 12.4	6.5	6.0 7.0 B6.5
Bar	3.0	3.5	3.8	4.0	4.5	5.0	5.5	6.0	7.0	8.0		
Psi	44	51	54	58	65	73	80	87	102	116		
<i>Machine - Use</i>	UNDERGROUND MINE MACHINE											
ALL AXLES	1800	1975	2075	2150	2300	2425	2575	2700	2975	3250		
<i>ALL AXLES</i>	3970	4355	4575	4740	5070	5345	5675	5950	6560	7165		
<i>Machine - Use</i>	LOADER											
FRONT LADEN	2000	2200	2300	2400	2550	2700	2850	3000	3300	3600		
<i>FRONT LADEN</i>	4410	4850	5070	5290	5620	5950	6285	6615	7275	7935		
REAR UNLADEN	1600	1750	1850	1925	2050	2150	2275	2400	2650	2875		
<i>REAR UNLADEN</i>	3525	3860	4080	4245	4520	4740	5015	5290	5840	6340		

IMPORTANT

The inflation pressure must always be appropriate for the load per tire, the speed of travel and the work to be done. Our recommendations above are provided subject to changes made after the date of publication of these tables (October 2020). Technical data is subject to change without prior notice.

MICHELIN X MINE D2

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
10.00R15 L5 TT	123372 18686	6 4.0	-	295 11.6	910 35.8	411 16.2	2748 108.2	48 60.5	-	70 18.5	7.5	7.0
Bar	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	8.0		
Psi	44	51	58	65	73	80	87	94	102	116		
<i>Machine - Use</i> kg - lbs	UNDERGROUND MINE MACHINE											
ALL AXLES	2150	2350	2525	2700	2875	3025	3150	3325	3500	3875		
<i>ALL AXLES</i>	4740	5180	5565	5950	6340	6670	6945	7330	7715	8545		
<i>Machine - Use</i> kg - lbs	LOADER											
FRONT LADEN	2400	2600	2800	3000	3200	3350	3500	3700	3900	4300		
<i>FRONT LADEN</i>	5290	5730	6175	6615	7055	7385	7715	8155	8600	9480		
REAR UN- LADEN	1925	2075	2250	2400	2550	2675	2800	2965	3125	3450		
<i>REAR UNLA- DEN</i>	4245	4575	4960	5290	5620	5895	6175	6535	6890	7605		

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
14.5R15 L5 TL	123101 41368	6 4.0	-	380 15.0	894 35.2	408 16.1	2711 106.7	48 60.5	-	90 23.8	10.50	11.0 11.00BD 11.50
Bar	3.0	3.5	3.8	4.0	4.5	5.0	5.5	6.0	7.0	8.0		
Psi	44	51	54	58	65	73	80	87	102	116		
<i>Machine - Use</i> kg - lbs	UNDERGROUND MINE MACHINE											
ALL AXLES	2300	2575	2675	2800	3025	3250	3475	3700	4150	4600		
<i>ALL AXLES</i>	5070	5675	5895	6175	6670	7165	7660	8155	9150	10140		
<i>Machine - Use</i> kg - lbs	LOADER											
FRONT LADEN	2550	2850	2975	3100	3350	3600	3850	4100	4600	5100		
<i>FRONT LADEN</i>	5620	6285	6560	6835	7385	7935	8490	9040	10140	11245		
REAR UN- LADEN	2050	2275	2375	2475	2675	2875	3075	3275	3675	4075		
<i>REAR UNLA- DEN</i>	4520	5015	5235	5455	5895	6340	6780	7220	8100	8985		

IMPORTANT

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MICHELIN X MINE D2

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
350/65R15 L5 TL	826683 85701	6 4.0	-	348 13.7	844 33.2	379 14.9	2543 100.1	36 45.4	-	91 24.0	11.50	10.50
Bar	3.0	3.5	3.8	4.0	4.5	5.0	5.5	6.0	7.0	8.0		
Psi	44	51	54	58	65	73	80	87	102	116		
Machine - Use kg - lbs	UNDERGROUND MINE MACHINE											
ALL AXLES	2160	2395	2510	2630	2835	3060	3215	3375	3780	4140		
ALL AXLES	4760	5280	5535	5795	6250	6745	7085	7440	8335	9125		
Machine - Use kg - lbs	LOADER											
FRONT LADEN	2400	2660	2790	2920	3150	3400	3570	3750	4200	4600		
FRONT LADEN	5290	5865	6150	6435	6945	7495	7870	8265	9260	10140		
REAR UN- LADEN	1920	2130	2230	2335	2520	2720	2855	3000	3360	3680		
REAR UNLA- DEN	4235	4690	4920	5150	5555	5995	6295	6615	7410	8115		

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
400/80R15 L5 TL	735466 41318	6 4.0	-	385 15.2	996 39.2	445 17.5	2996 118.0	34 42.8	-	128 33.8	11.50	
Bar	3.0	3.5	3.8	4.0	4.5	5.0	5.5	6.0	7.0	8.0		
Psi	44	51	54	58	65	73	80	87	102	116		
Machine - Use kg - lbs	UNDERGROUND MINE MACHINE											
ALL AXLES	2975	3275	3450	3600	3900	4225	4550	4850	5500	5950		
ALL AXLES	6560	7220	7605	7935	8600	9315	10030	10690	12125	13120		
Machine - Use kg - lbs	LOADER											
FRONT LADEN	3300	3650	3825	4000	4350	4700	5050	5400	6100	6600		
FRONT LADEN	7275	8045	8435	8820	9590	10360	11135	11905	13450	14550		
REAR UN- LADEN	2650	2925	3050	3200	3475	3750	4050	4325	4875	5275		
REAR UNLA- DEN	5840	6450	6725	7055	7660	8265	8930	9535	10750	11630		

IMPORTANT

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MICHELIN X MINE D2

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
9.00R20 L5* TT	123382 09497	6 4.0	-	277 10.9	1054 41.5	484 19.1	3203 126.1	51 64.3	-	98 25.9	7.0	7.0T* 7.33V 7.5
Bar	3.0	4.0			5.0		6.0			7.0		8.0
<i>Psi</i>	44	58			73		87			102		116
<i>Machine - Use kg - lbs</i>	UNDERGROUND MINE MACHINE											
ALL AXLES	2700	3050			3400		3800			4150		4500
<i>ALL AXLES</i>	5950	6725			7495		8380			9150		9920
<i>Machine - Use kg - lbs</i>	LOADER											
FRONT LADEN	3000	3400			3800		4200			4600		5000
<i>FRONT LADEN</i>	6615	7495			8380		9260			10140		11025
REAR UNLADEN	2400	2700			3050		3350			3700		4000
<i>REAR UNLADEN</i>	5290	5950			6725		7385			8155		8820

*OTHER APPROVED RIMS: B7.5, 6.5-B6.5, B7.0

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	7.0	JOINT CORNIERE A-20 TYRAN R1443 [553004]	-	-

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
12.00R20 L5 TT	123392 19601	6 4.0	-	323 12.7	1174 46.2	534 21.0	3555 140.0	57 71.8	-	146 38.6	8.5	8.0* 8.50V 8.5V
Bar	3.0	4.0			5.0		6.0			7.0		8.0
<i>Psi</i>	44	58			73		87			102		116
<i>Machine - Use kg - lbs</i>	UNDERGROUND MINE MACHINE											
ALL AXLES	3050	3600			4150		4700			5200		5750
<i>ALL AXLES</i>	6725	7935			9150		10360			11465		12675
<i>Machine - Use kg - lbs</i>	LOADER											
FRONT LADEN	3400	4000			4600		5200			5800		6400
<i>FRONT LADEN</i>	7495	8820			10140		11465			12785		14110
REAR UNLADEN	2700	3200			3700		4150			4650		5100
<i>REAR UNLADEN</i>	5950	7055			8155		9150			10250		11245

*OTHER APPROVED RIMS: 9.0, 9.00V, B8.5

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	8.5	JOINT CORNIERE A-20 TYRAN R1443 [553004]	-	-

IMPORTANT

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MICHELIN X MINE D2

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
14.00R20 L5 TL	372138 64715	6 4.0	-	368 14.5	1236 48.7	557 21.9	3745 147.4	48 60.5	-	175 46.2	10.0	10.00W
Bar	3.0	4.0	5.0	5.5	6.0	6.5	7.0	7.0	8.0	8.5		
<i>Psi</i>	44	58	73	80	87	94	102	102	116	123		
<i>Machine - Use kg - lbs</i>	UNDERGROUND MINE MACHINE											
ALL AXLES	3480	4200	4920	5280	5640	6000	6360	7070	7795			
<i>ALL AXLES</i>	7670	9260	10845	11640	12435	13230	14020	15585	17180			
<i>Machine - Use kg - lbs</i>	LOADER											
FRONT LADEN	4140	4920	5690	6070	6460	6850	7230	8010				
<i>FRONT LADEN</i>	9125	10845	12545	13380	14240	15100	15940	17660				
REAR UNLADEN	2430	3100	3770	4100	4430	4770	5100	5770				
<i>REAR UNLADEN</i>	5355	6835	8310	9040	9765	10515	11245	12720				

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	10.0	JOINT CORNIERE A-20 TYRAN R1443 [553004]	-	-

450/70R20 L5** TL	976013 77552	8 5.0	-	433 17.0	1163 45.8	515 20.3	3488 137.3	37 46.6	-	229 60.5	15.00T	
Bar	5.0	5.5	6.0	6.5	7.0	7.3	7.5	7.8	8.0	8.3		
<i>Psi</i>	73	80	87	94	102	105	109	112	116	120		
<i>Machine - Use kg - lbs</i>	UNDERGROUND TRANSPORT MACHINE											
ALL AXLES	6000	6500	6900	7300	7750	8000	8250	8500	8550	8750		
<i>ALL AXLES</i>	13230	14330	15210	16095	17085	17635	18190	18740	18850	19290		
<i>Machine - Use kg - lbs</i>	LOADER											
FRONT LADEN	6700	7100	7750	8000	8500	8750	9000	9250	9500	9750		
<i>FRONT LADEN</i>	14770	15655	17085	17635	18740	19290	19840	20395	20945	21495		
REAR UNLADEN	5360	5680	6200	6400	6800	7000	7200	7400	7600	7800		
<i>REAR UNLADEN</i>	11815	12520	13670	14110	14990	15430	15875	16315	16755	17195		

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MICHELIN X MINE D2

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
12.00R24 L5 TL	242046 19455	6 4.0	-	330 13.0	1280 50.4	594 23.4	3906 153.8	57 71.8	-	138 36.5	8.5	7.33V* 7.5 8.0
Bar	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	7.0		
Psi	29	36	44	51	58	65	73	80	87	102		
Machine - Use	UNDERGROUND MINE MACHINE											
kg - lbs												
ALL AXLES	2050	2450	2750	3100	3450	3800	4150	4475	4800	5500		
ALL AXLES	4520	5400	6065	6835	7605	8380	9150	9865	10580	12125		
Machine - Use	LOADER											
kg - lbs												
FRONT LADEN	2300	2700	3050	3450	3850	4200	4600	4975	5350	6100		
FRONT LADEN	5070	5950	6725	7605	8490	9260	10140	10970	11795	13450		
REAR UNLADEN	1850	2150	2450	2750	3100	3350	3700	4000	4300	4900		
REAR UNLADEN	4080	4740	5400	6065	6835	7385	8155	8820	9480	10805		

*OTHER APPROVED RIMS: 8.00V, 8.50V

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	8.5	JOINT CORNIERE G-25 ICERU R1237 [553012]	-	-

15.5R25 L5* TL PHASED OUT	252905 34827	6 4.0	-	418 16.5	1336 52.6	609 24.0	4049 159.4	60 75.6	-	215 56.8	12.00/1.3	12.00/1.3 DC 13.00/1.4 DC
Bar	2.0	2.5	3.0	3.5	4.0	4.5						
Psi	29	36	44	51	58	65						
Machine - Use	GRADER											
kg - lbs												
ALL AXLES	2325	2650	3000									
ALL AXLES	5125	5840	6615									
Machine - Use	UNDERGROUND MINE MACHINE											
kg - lbs												
ALL AXLES	3350	3850	4300	4800	5200	5800						
ALL AXLES	7385	8490	9480	10580	11465	12785						
Machine - Use	LOADER											
kg - lbs												
FRONT LADEN	3700	4250	4800	5350	5800	6450						
FRONT LADEN	8155	9370	10580	11795	12785	14220						
REAR UNLADEN	2950	3400	3850	4300	4650	5150						
REAR UNLADEN	6505	7495	8490	9480	10250	11355						

IMPORTANT

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MICHELIN X MINE D2

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
16.00R25 L5 TL PHASED OUT	261025 34520	6 4.0	-	457 18.0	1530 60.2	699 27.5	4641 182.7	73 92.0	-	320 84.5	11.25/2.0	13.00/2.0
Bar	2.0	3.0			4.0		5.0			6.0		7.0
<i>Psi</i>	29	44			58		73			87		102
Machine - Use kg - lbs	UNDERGROUND MINE MACHINE											
ALL AXLES	4050	5200			6350		7500			8650		9800
<i>ALL AXLES</i>	8930	11465			14000		16535			19070		21605
Machine - Use kg - lbs	LOADER											
FRONT LADEN	4500	5800			7050		8350			9600		10900
<i>FRONT LADEN</i>	9920	12785			15545		18410			21165		24030
REAR UNLADEN	3600	4650			5650		6700			7700		8700
<i>REAR UNLADEN</i>	7935	10250			12455		14770			16975		19180

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	11.25/2.0	JOINT TORIQUE OR 3-25 SULLA R1437 [553200]	-	-

17.5R25 L5** TL PHASED OUT	009071 31686	6 4.0	-	480 18.9	1402 55.2	641 25.2	4254 167.5	65 81.9	-	285 75.3	14.00/1.5	
Bar	3.0	3.5			4.0		4.5			5.0		5.5
<i>Psi</i>	44	51			58		65			73		80
Machine - Use kg - lbs	UNDERGROUND TRANSPORT MACHINE											
ALL AXLES	4250	4750			5300		5800			6300		6700
<i>ALL AXLES</i>	9370	10470			11685		12785			13890		14770
Machine - Use kg - lbs	LOADER											
FRONT LADEN	4750	5450			6000		6500			7100		7500
<i>FRONT LADEN</i>	10470	12015			13230		14330			15655		16535
REAR UNLA- DEN	3800	4360			4800		5200			5680		6000
<i>REAR UNLADEN</i>	8380	9610			10580		11465			12520		13230

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	14.00/1.5	JOINT TORIQUE OR 2-25 HEUPO R1438 [553201]	-	-

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MICHELIN X MINE D2

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
18.00R25 L5** TL PHASED OUT	391927 31984	6 4.0	-	536 21.1	1656 65.2	736 29.0	4971 195.7	82 103.3	-	460 121.5	13.00/2.5	15.00/2.5
Bar	4.0	4.5	5.0	5.5	6.0	7.0	7.5	8.0	8.3			
<i>Psi</i>	58	65	73	80	87	102	109	116	120			
<i>Machine - Use kg - lbs</i>	UNDERGROUND TRANSPORT MACHINE											
ALL AXLES	8250	9000	9750	10600	11200	12500	13200	14000	14200			
<i>ALL AXLES</i>	18190	19840	21495	23370	24690	27560	29100	30865	31305			
<i>Machine - Use kg - lbs</i>	LOADER											
FRONT LADEN	9250	10000	10900	11800	12500	14000	15000	15550	16000			
<i>FRONT LADEN</i>	20395	22045	24030	26015	27560	30865	33070	34280	35275			
REAR UNLA-DEN	7400	8000	8720	9450	10000	11200	12000	12450	12800			
<i>REAR UNLA-DEN</i>	16315	17635	19225	20835	22045	24690	26455	27450	28220			

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	13.00/2.5	JOINT TORIQUE OR 3-25 SULLA R1437 [553200]	-	-

20.5R25 L5** TL PHASED OUT	353968 43492	6 4.0	-	562 22.1	1535 60.4	701 27.6	4656 183.3	74 93.2	-	447 118.1	17.00/1.7	17.00/2.0
Bar	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5				
<i>Psi</i>	44	51	58	65	73	80	87	94				
<i>Machine - Use kg - lbs</i>	UNDERGROUND TRANSPORT MACHINE											
ALL AXLES	5600	6300	7100	7750	8250	9000	9500	10000	10000			
<i>ALL AXLES</i>	12345	13890	15655	17085	18190	19840	20945	22045	22045			
<i>Machine - Use kg - lbs</i>	LOADER											
FRONT LADEN	6300	7100	8000	8750	9500	10000	10900	11500				
<i>FRONT LADEN</i>	13890	15655	17635	19290	20945	22045	24030	25355				
REAR UNLA-DEN	5040	5680	6400	7000	7600	8000	8720	9200				
<i>REAR UNLADEN</i>	11110	12520	14110	15430	16755	17635	19225	20285				

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	17.00/1.7	JOINT TORIQUE OR 2-25 HEUPO R1438 [553201]	-	-

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MICHELIN X MINE D2

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
23.5R25 L5** TL PHASED OUT	199408 32199	6 4.0	-	637 25.1	1656 65.2	751 29.6	5009 197.2	83 104.6	-	590 155.9	19.50/2.5	
Bar	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5				
<i>Psi</i>	44	51	58	65	73	80	87	94				
<i>Machine - Use kg - lbs</i>	UNDERGROUND TRANSPORT MACHINE											
ALL AXLES	7300	8250	9000	9750	10600	11500	12150	12850	12850	12150	12850	12850
<i>ALL AXLES</i>	16095	18190	19840	21495	23370	25355	26785	28330	29985	26785	28330	28330
<i>Machine - Use kg - lbs</i>	LOADER											
FRONT LADEN	8250	9250	10300	11200	12150	12850	12850	13600	13600	10880	14500	14500
<i>FRONT LADEN</i>	18190	20395	22710	24690	26785	28330	28330	29985	29985	23985	31965	31965
REAR UNLA- DEN	6600	7400	8240	8960	9720	10280	10280	10880	10880	10880	11600	11600
<i>REAR UNLADEN</i>	14550	16315	18165	19755	21430	22665	22665	23985	23985	23985	25575	25575

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	19.50/2.5	JOINT TORIQUE OR 3-25 SULLA R1437 [553200]	CHAMBRE 25WAM VALVE 1837 [101871]	FLAP 18-24/25 [551612]

26.5R25 L5** TL PHASED OUT	164572 33205	6 4.0	-	718 28.3	1795 70.7	807 31.8	5413 213.1	91 114.6	-	812 214.5	22.00/3.0	22.00/3.0 IF
Bar	3.0	4.0	4.5	5.0	5.5	6.0	6.5					
<i>Psi</i>	44	58	65	73	80	87	94					
<i>Machine - Use kg - lbs</i>	UNDERGROUND TRANSPORT MACHINE											
ALL AXLES	9000	11200	12500	13200	14500	15500	16500	16500	15500	16500	16500	16500
<i>ALL AXLES</i>	19840	24690	27560	29100	31965	34170	36375	36375	34170	36375	36375	36375
<i>Machine - Use kg - lbs</i>	LOADER											
FRONT LADEN	10300	12850	14000	15000	16000	17000	18500	18500	17000	18500	18500	18500
<i>FRONT LADEN</i>	22710	28330	30865	33070	35275	37480	40785	40785	37480	40785	40785	40785
REAR UNLADEN	8240	10280	11200	12000	12800	13600	14800	14800	13600	14800	14800	14800
<i>REAR UNLADEN</i>	18165	22665	24690	26455	28220	29985	32630	32630	29985	32630	32630	32630

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	22.00/3.0	JOINT TORIQUE OR 3-25 SULLA R1437 [553200]	-	-

IMPORTANT

The inflation pressure must always be appropriate for the load per tire, the speed of travel and the work to be done. Our recommendations above are provided subject to changes made after the date of publication of these tables (October 2020). Technical data is subject to change without prior notice.

MICHELIN X MINE D2

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
29.5R25 L5** TL PHASED OUT	221069 33387	6 4.0	-	804 31.7	1903 74.9	850 33.5	5725 225.4	99 124.7	-	980 258.9	25.00/3.5	
Bar	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5				
<i>Psi</i>	44	51	58	65	73	80	87	94				
<i>Machine - Use kg - lbs</i>	UNDERGROUND TRANSPORT MACHINE											
ALL AXLES	10900	12150	13600	15000	16000	17500	18500	19500				
<i>ALL AXLES</i>	24030	26785	29985	33070	35275	38580	40785	42990				
<i>Machine - Use kg - lbs</i>	LOADER											
FRONT LADEN	12500	14000	15500	17000	18000	19500	20600	22400				22400
<i>FRONT LADEN</i>	27560	30865	34170	37480	39685	42990	45415	49385				49385
REAR UNLA- DEN	1000	11200	12400	13600	14400	15600	16480	17920				17920
<i>REAR UNLADEN</i>	2205	24690	27335	29985	31745	34390	36330	39505				39505

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	25.00/3.5	JOINT TORIQUE OR 3-25 SULLA R1437 [553200]	-	-

29.5R29 L5** TL PHASED OUT	965209 31580	6 4.0	-	794 31.3	2005 78.9	896 35.3	6032 237.5	100 126.0	-	981 259.2	25.00/3.5	24.00/3.5
Bar	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5				
<i>Psi</i>	44	51	58	65	73	80	87	94				
<i>Machine - Use kg - lbs</i>	UNDERGROUND TRANSPORT MACHINE											
ALL AXLES	11800	13200	14500	16000	17000	18500	19500	20600				20600
<i>ALL AXLES</i>	26015	29100	31965	35275	37480	40785	42990	45415				45415
<i>Machine - Use kg - lbs</i>	LOADER											
FRONT LADEN	13200	15000	16500	18000	19500	20600	22400	23600				23600
<i>FRONT LADEN</i>	29100	33070	36375	39685	42990	45415	49385	52030				52030
REAR UNLA- DEN	10560	12000	13200	14400	15600	16480	17920	18880				18880
<i>REAR UNLADEN</i>	23280	26455	29100	31745	34390	36330	39505	41625				41625

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	25.00/3.5	JOINT TORIQUE OR 3-29 SULKY R1439 [553202]	-	-

IMPORTANT

The inflation pressure must always be appropriate for the load per tire, the speed of travel and the work to be done. Our recommendations above are provided subject to changes made after the date of publication of these tables (October 2020). Technical data is subject to change without prior notice.

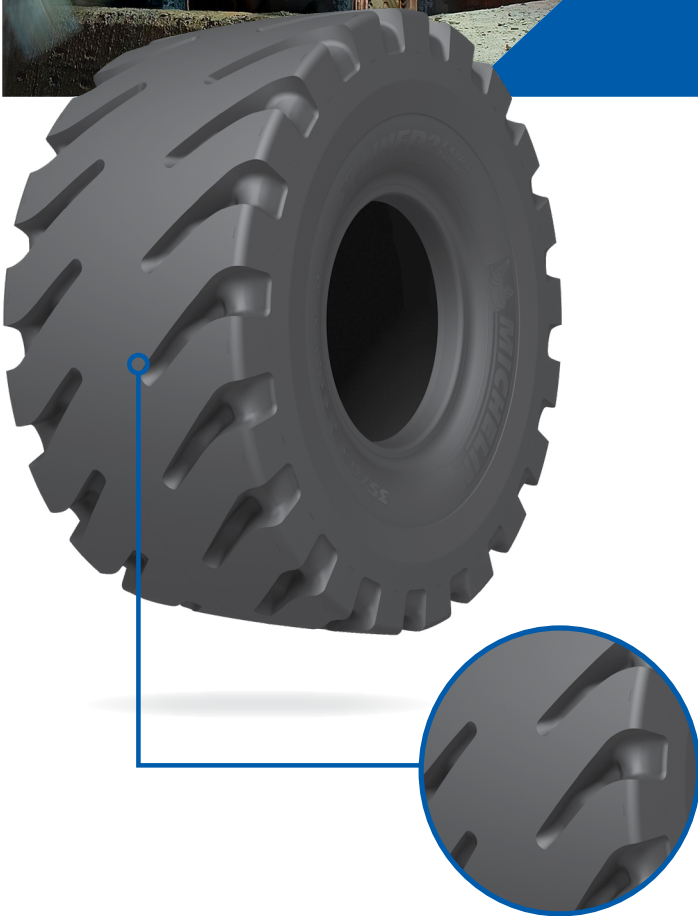
MICHELIN X MINE D2 EXTRA LOAD



**MORE LOAD¹,
A TOUGHER TIRE²**



For Quarry and Underground Mining LHD Loaders



**EXTRA
LOAD-CARRYING
CAPACITY**

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



**IMPROVED
TIRE LIFE**

When used at ** load, Michelin
X Mine D2 Extra Load has
improved aggression resistance²,
which results in more tire life



**INCREASED
SIDEWALL
PROTECTION²**

An innovative technology,
constituted by extra plies
in the sidewall, prevents
rock penetration

TIRE SIZE: 35/65R33

¹ The new Michelin 35/65R33 X Mine D2 EXTRA LOAD *** tires increase the load capacity by 16% from 28,000 kg to 32,500 kg.⁽¹⁾

⁽¹⁾ Based on comparisons of the Michelin X Mine D2** tire (2023 Michelin Databook).

² The new Michelin 35/65R33 X Mine D2 EXTRA LOAD *** tires improve aggression resistance due to new cables and reinforced sidewall plies.⁽¹⁾

⁽¹⁾ Compared to Michelin X Mine D2 ** tires. Actual results may vary.

MICHELIN X MINE D2 EXTRA LOAD

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
35/65R33 L5** TL PHASED OUT	944666 67187	6 4.0	-	921 36.3	2051 80.7	916 36.1	6169 242.9	93 117.2	-	1338 353.5	28.00/3.5	
Bar	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5
<i>Psi</i>	44	51	58	65	73	80	87	94	102	109	116	123
<i>Machine - Use kg - lbs</i>	UNDERGROUND TRANSPORT MACHINE											
ALL AXLES	13600	15500	17000	18500	20000	21800	23000	24300	25750	28000	29985	32570
<i>ALL AXLES</i>	29985	34170	37480	40785	44090	48060	50705	53570	56770	61730	67187	72643
<i>Machine - Use kg - lbs</i>	LOADER											
FRONT LADEN	16100	17700	19000	21200	23000	24300	25750	28000	31500	32500	35495	38490
<i>FRONT LADEN</i>	35495	39020	41890	46740	50705	53570	56770	61730	66140	69445	72643	75840
REAR UNLA- DEN	12900	14200	15200	16950	18400	19450	20600	22400	24000	25200	27335	28400
<i>REAR UNLADEN</i>	28440	31305	33510	37370	40565	42880	45415	49385	52910	55555	59525	62060

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	28.00/3.5	JOINT TORIQUE OR 3-33 STRIX R1440 [553203]	-	-

35/65R33 L5*** 229A2 TL	038242 61090	6 4.0	-	921 36.3	2077 81.8	923 36.3	-	93 117.2	-	1410 372.5	28.00/3.5	
Bar	3.0	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0
<i>Psi</i>	44	58	65	73	80	87	94	102	109	116	123	130
<i>Machine - Use kg - lbs</i>	LOADER											
FRONT LADEN	15500	19000	21200	23000	25000	26500	28000	30000	31500	32500	35495	38490
<i>FRONT LADEN</i>	34170	41890	46740	50705	55115	58420	61730	66140	69445	72643	75840	79045
REAR UNLA- DEN	12400	15200	16950	18400	20000	21200	22400	24000	25200	26000	27335	28400
<i>REAR UNLADEN</i>	27335	33510	37370	40565	44090	46740	49385	52910	55555	57320	59525	62060

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	28.00/3.5	-	-	-

IMPORTANT

The inflation pressure must always be appropriate for the load per tire, the speed of travel and the work to be done. Our recommendations above are provided subject to changes made after the date of publication of these tables (October 2020). Technical data is subject to change without prior notice.

MICHELIN X MINE D2 L5 SR/HR



**EXCELLENT
PRODUCTIVITY IN HARD
LOADING CONDITIONS**



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



OPTIMIZED COMPOUND

Built to withstand hard
conditions and to slow
tire wear



IMPACT & CUT RESISTANT

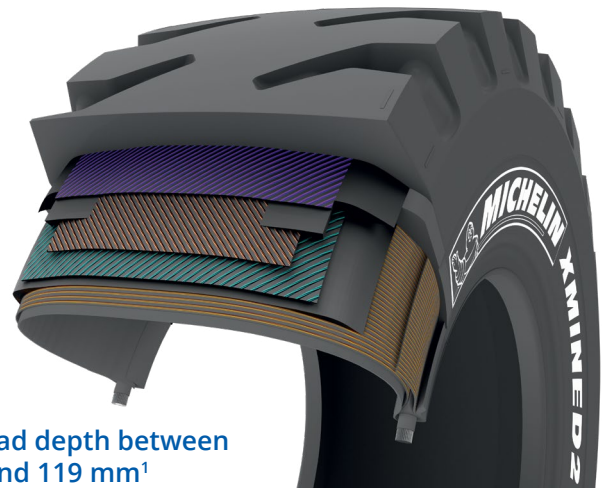
Due to the optimized
compound, the tread design
and the resilient casing

A RESILIENT CASING

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

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

¹ According to tire dimensions.



A high tread depth between
118 mm and 119 mm¹

MICHELIN X MINE D2 L5 SR/HR

TIRE CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
50/65R51 L5** HR TL PHASED OUT	523260 00296	6 4.0	-	1273 50.1	3073 121.0	1366 53.8	9227 363.3	116 146.1	-	4463 1179.0	40.00/4.5	

Bar	4.0	4.5	5.0	5.5	6.0	6.4
<i>Psi</i>	58	65	73	80	87	92

Machine - Use kg - lbs	LOADER					
FRONT LADEN	46500	50500	54500	58500	62500	65000
<i>FRONT LADEN</i>	102515	111335	120150	128970	137790	143300
REAR UNLADEN	37200	40400	43600	46800	50000	52000
<i>REAR UNLADEN</i>	82010	89065	96120	103175	110230	114640

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	40.00/4.5	JOINT TORIQUE OR 4-51 R1479 [553210]	-	-

50/65R51 L5** SR TL	970863 92514	6 4.0	-	1273 50.1	3073 121.0	1366 53.8	9227 363.3	116 146.1	-	4463 1179.0	40.00/4.5	
Bar	4.0	4.5	5.0	5.5	6.0	6.4						
<i>Psi</i>	58	65	73	80	87	92						
Machine - Use kg - lbs	LOADER											
FRONT LADEN	46500	50500	54500	58500	62500	65000						
<i>FRONT LADEN</i>	102515	111335	120150	128970	137790	143300						
REAR UNLADEN	37200	40400	43600	46800	50000	52000						
<i>REAR UNLADEN</i>	82010	89065	96120	103175	110230	114640						

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	40.00/4.5	JOINT TORIQUE OR 4-51 R1479 [553210]	-	-

MICHELIN X MINE D2 L5 SR/HR

TIRE CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
55/80R57 L5* SR TL	635563 18939	6 4.0	-	1430 56.3	3740 147.2	1636 64.4	11161 439.4	119 149.9	-	7967 2104.7	44.00/5.0	42.00/5.0
Bar	4.0	4.5		5.0		5.5		6.0		6.5		7.0
<i>Psi</i>	58	65		73		80		87		94		102
Machine - Use kg - lbs	LOADER											
FRONT LADEN	75000	80000		85000		90000		95000		100000		105000
<i>FRONT LADEN</i>	165345	176370		187395		198415		209440		220460		231485
REAR UNLADEN	60000	64000		68000		72000		76000		80000		84000
<i>REAR UNLADEN</i>	132275	141095		149915		158735		167550		176370		185190

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	44.00/5.0	JOINT TORIQUE OR 4-57 R1481 [553211]	-	-

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
55/80R57 L5* HR TL	817367 07695	6 4.0	-	1430 56.3	3740 147.2	1636 64.4	11161 439.4	119 149.9	-	7967 2104.7	44.00/5.0	42.00/5.0
Bar	4.0	4.5		5.0		5.5		6.0		6.5		7.0
<i>Psi</i>	58	65		73		80		87		94		102
Machine - Use kg - lbs	LOADER											
FRONT LADEN	75000	80000		85000		90000		95000		100000		105000
<i>FRONT LADEN</i>	165345	176370		187395		198415		209440		220460		231485
REAR UNLADEN	60000	64000		68000		72000		76000		80000		84000
<i>REAR UNLADEN</i>	132275	141095		149915		158735		167550		176370		185190

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	44.00/5.0	JOINT TORIQUE OR 4-57 R1481 [553211]	-	-

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
60/80R57 L5* HR TL	114447 09011	6 4.0	-	1520 59.8	3949 155.5	1713 67.4	11750 462.6	118 148.7	-	10022 2647.5	47.00/5.0	
Bar	4.0	4.5		5.0		5.5		6.0		6.5		7.0
<i>Psi</i>	58	65		73		80		87		94		102
Machine - Use kg - lbs	LOADER											
FRONT LADEN	75000	83000		91000		99000		107000		115000		123000
<i>FRONT LADEN</i>	165345	182985		200620		218260		235895		253530		271170
REAR UNLADEN	60000	66400		72800		79200		85600		92000		98400
<i>REAR UNLADEN</i>	132275	146385		160495		174605		188715		202825		216935

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	47.00/5.0	JOINT TORIQUE OR 4-57 R1481 [553211]	-	-

MICHELIN X MINE D2 L5 SR/HR

TIRE CHARACTERISTICS

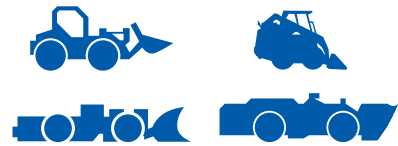
Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
60/80R57 L5* SR TL	964380 31145	6 4.0	-	1520 59.8	3949 155.5	1713 67.4	11750 462.6	118 148.7	-	10022 2647.5	47.00/5.0	
Bar	4.0	4.5		5.0		5.5		6.0		6.5		7.0
<i>Psi</i>	58	65		73		80		87		94		102
Machine - Use kg - lbs	LOADER											
FRONT LADEN	75000	83000		91000		99000		107000		115000		123000
<i>FRONT LADEN</i>	165345	182985		200620		218260		235895		253530		271170
REAR UNLADEN	60000	66400		72800		79200		85600		92000		98400
<i>REAR UNLADEN</i>	132275	146385		160495		174605		188715		202825		216935
TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim		O-ring / Grommet [CAI]			Tube [CAI]			Flap [CAI]			
	47.00/5.0		JOINT TORIQUE OR 4-57 R1481 [553211]			-			-			

MICHELIN X MINE D2 LC



**MOVE LONGER,
MOVE FASTER**



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

6 KM DISTANCE PER HOUR



**ROBUST TREAD
DESIGN**

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

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

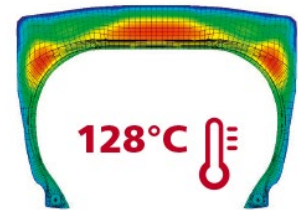
TIRE SIZE: 50/65R51



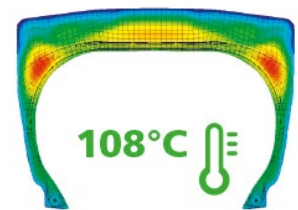
**INCREASE YOUR
PRODUCTIVITY**



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



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



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

MICHELIN X MINE D2 LC

TIRE CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
50/65R51 L5** LC TL	508706 08094	10 6.0	-	1273 50.1	3073 121.0	1366 53.8	9227 363.3	116 146.1	-	4463 1179.0	40.00/4.5	
Bar	4.0	4.5		5.0	5.5	6.0	6.4			6.4		
<i>Psi</i>	58	65		73	80	87	92			92		
Machine - Use kg - lbs LOADER												
FRONT LADEN	46500	50500		54500	58500	62500	65000					
<i>FRONT LADEN</i>	102515	111335		120150	128970	137790	143300					
REAR UNLADEN	37200	40400		43600	46800	50000	52000					
<i>REAR UNLADEN</i>	82010	89065		96120	103175	110230	114640					

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	40.00/4.5	JOINT TORIQUE OR 4-51 R1479 [553210]	-	-

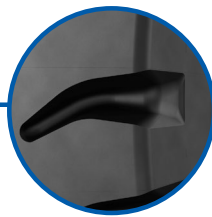
DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
55/80R57 L5* LC TL	594400 13267	10 6.0	-	1430 56.3	3740 147.2	1636 64.4	11161 439.4	119 149.9	-	7967 2104.7	44.00/5.0	42.00/5.0
Bar	4.0	4.5		5.0	5.5	6.0	6.5	7.0		7.0		
<i>Psi</i>	58	65		73	80	87	94	102		102		
Machine - Use kg - lbs LOADER												
FRONT LADEN	75000	80000		85000	90000	95000	100000	105000				
<i>FRONT LADEN</i>	165345	176370		187395	198415	209440	220460	231485				
REAR UNLADEN	60000	64000		68000	72000	76000	80000	84000				
<i>REAR UNLADEN</i>	132275	141095		149915	158735	167550	176370	185190				

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	44.00/5.0	JOINT TORIQUE OR 4-57 R1481 [553211]	-	-

MICHELIN X MINE D2 L5



**EXCELLENT PRODUCTIVITY
IN AGGRESSIVE LOADING
CONDITIONS**



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



OPTIMIZED COMPOUND

Built to withstand hard conditions and to slow tire wear



IMPACT & CUT RESISTANT

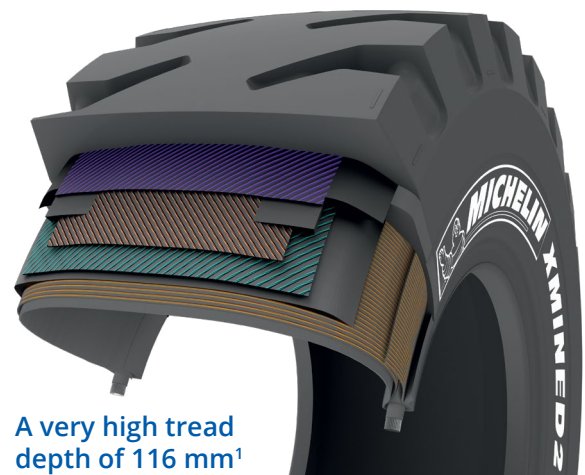
Thanks to the optimized compound, the tread design and the resilient casing

A RESILIENT CASING

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

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

¹ According to tire dimensions



A very high tread depth of 116 mm¹

MICHELIN X MINE D2 L5

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
45/65R39 L5** 242A2 TL	785703 01004	6 4.0	-	1099 43.3	2583 101.7	1132 44.6	7715 303.7	116 146.1	-	2712 716.4	36.00/4.5	32.00/4.5
Bar	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5				
<i>Psi</i>	44	51	58	65	73	80	87	94				
<i>Machine - Use kg - lbs</i>	LOADER											
FRONT LADEN	26500	30000	33500	36500	40000	42500	45000	47500				
<i>FRONT LADEN</i>	58420	66140	73855	80470	88185	93695	99210	104720				
REAR UNLA- DEN	21200	24000	26800	29200	32000	34000	36000	38000				
<i>REAR UNLADEN</i>	46740	52910	59085	64375	70550	74955	79365	83775				

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	36.00/4.5	JOINT TORIQUE OR 3-39 FUODI R1069 [553206]	-	-

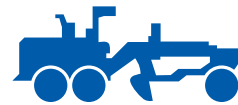
DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
45/65R45 L5** 244A2 TL	651716 00821	6 4.0	-	1159 45.6	2699 106.3	1193 47.0	8087 318.4	116 146.1	-	3020 797.8	36.00/4.5	
Bar	4.0	4.5	5.0	5.5	6.0	6.5						
<i>Psi</i>	58	65	73	80	87	94						
<i>Machine - Use kg - lbs</i>	LOADER											
FRONT LADEN	35500	38750	42500	45000	47500	51500						
<i>FRONT LADEN</i>	78265	85430	93695	99210	104720	113540						
REAR UNLADEN	28400	31000	34000	36000	38000	41200						
<i>REAR UNLADEN</i>	62610	68345	74955	79365	83775	90830						

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	36.00/4.5	JOINT TORIQUE OR 9-8-45 R1580 [553214]	-	-

MICHELIN XGL A2



**MAXIMIZE YOUR
GRADER TRACTION**



For Graders



EXCELLENT PRODUCTIVITY

Resistance to impacts and cuts resulting in less downtime



EXCELLENT TRACTION AND SIDE HILL GRIP

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

An important contribution of the tread pattern to avoid lateral slip



LOW OPERATING COST

Easy to repair

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

MICHELIN XGL A2

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
13.00R24 L2* G2* TL	123386 24704	16 10.0	-	335 13.2	1296 51.0	570 22.4	3875 152.6	25 31.5	-	215 56.8	8.00TGSDC	9.00/1.5 DC 10.00VASDC
Bar	2.0	2.5		3.0		3.5		4.0		4.5		5.0
<i>Psi</i>	29	36		44		51		58		65		73
<i>Machine - Use kg - lbs</i>	GRADER											
ALL AXLES	1900	2225		2550		2900						
<i>ALL AXLES</i>	4190	4905		5620		6395						
<i>Machine - Use kg - lbs</i>	LOADER											
FRONT LADEN	2650	3100		3600		4050		4500		4950		5400
<i>FRONT LADEN</i>	5840	6835		7935		8930		9920		10915		11905
REAR UNLADEN	2100	2500		2900		3250		3600		3950		4300
<i>REAR UNLADEN</i>	4630	5510		6395		7165		7935		8710		9480

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	8.00TGSDC	JOINT TORIQUE OR 2-25 HEUPO R1438 [553201]	-	-

14.00R24 L2* TL	123395 15924	16 10.0	-	371 14.6	1360 53.5	592 23.3	4051 159.5	25 31.5	-	310 81.9	8.00TGSDC	9.00/1.5 DC 10.00VASDC
Bar	2.0	2.5		3.0		3.5		4.0		4.5		5.0
<i>Psi</i>	29	36		44		51		58		65		73
<i>Machine - Use kg - lbs</i>	GRADER											
ALL AXLES	2300	2725		3125		3550						
<i>ALL AXLES</i>	5070	6010		6890		7825						
<i>Machine - Use kg - lbs</i>	LOADER											
FRONT LADEN	3250	3750		4300		4800		5350		5900		6400
<i>FRONT LADEN</i>	7165	8265		9480		10580		11795		13005		14110
REAR UNLA- DEN	2600	3000		3450		3850		4300		4700		5100
<i>REAR UNLADEN</i>	5730	6615		7605		8490		9480		10360		11245

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	8.00TGSDC	JOINT TORIQUE OR 2-25 HEUPO R1438 [553201]	-	-

IMPORTANT

The inflation pressure must always be appropriate for the load per tire, the speed of travel and the work to be done. Our recommendations above are provided subject to changes made after the date of publication of these tables (October 2020). Technical data is subject to change without prior notice.

MICHELIN XGL A2

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
16.00R24 L2* G2* TL	123903 45611	16 10.0	-	435 17.1	1500 59.1	646 25.4	4451 175.2	27 34.0	-	412 108.8	10.00VASDC	
Bar	2.0	2.5		3.0		3.5		4.0		4.5		5.0
<i>Psi</i>	29	36		44		51		58		65		73
<i>Machine - Use kg - lbs</i>	GRADER											
ALL AXLES	3150	3625		4125		4625						
<i>ALL AXLES</i>	6945	7990		9095		10195						
<i>Machine - Use kg - lbs</i>	LOADER											
FRONT LADEN	4500	5150		5800		6400		7050		7700		8350
<i>FRONT LADEN</i>	9920	11355		12785		14110		15545		16975		18410
REAR UNLADEN	3600	4100		4650		5100		5650		6150		6700
<i>REAR UNLADEN</i>	7935	9040		10250		11245		12455		13560		14770

IMPORTANT

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MICHELIN X UM HAUL



**BOOST PRODUCTIVITY
UNDER HEAVY HAULS**



For Underground Mining Trucks and LHD Loaders



**OUR MOST
PRODUCTIVE
UNDERGROUND
MINING TIRE ON
THE MARKET¹**

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



**GAIN MORE
DISTANCE IN
AN HOUR**

Cooler rubber compounds allow trucks to maintain an average max distance of 14 km/hr³ while carrying more



**SUPERIOR
ADHESION⁴ FOR
BETTER GRIP**

Innovative tread pattern with center groove increases grip

HANDLES HEAVY LOADS

Designed with new, bigger cables and innovative 6-ply architecture that let trucks get 8.6% more² load capacity to carry up to 31.5 tons at 7 bar



TIRE SIZE: 35/65R33

¹ The new Michelin tire size: 35/65R33 X^o UM HAUL tire is our 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^o UM HAUL tire gets 8.6% more load capacity, to carry up to 31.5 tons at 7 BAR due to new cables, architecture and larger tire.

³ The new Michelin 35/65R33 X^o UM HAUL tire was designed to get 14 KM MAX DISTANCE PER HOUR thanks to a larger tire and cooler compound vs. the Michelin 35/65R33 XTXL.

⁴ The new Michelin 35/65R33 X^o UM HAUL tire was designed for EXCELLENT ADHESION thanks to a new innovative tread pattern that increases grip.

MICHELIN X UM HAUL

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
35/65R33 SH4**** 225A8 TL	645051 78667	14 9.0	360 223.7	922 36.3	2081 81.9	909 35.8	-	60 75.6	-	1505 397.6	28.00/3.5	
Bar	4.5	5.0			5.5		6.0		6.5		7.0	
<i>Psi</i>	65	73			80		87		94		102	
<i>Machine - Use kg - lbs</i>	UNDERGROUND TRANSPORT MACHINE											
ALL AXLES	23000	24300			25750		27250		29000		31500	
<i>ALL AXLES</i>	50705	53570			56770		60075		63935		69445	

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	28.00/3.5	JOINT TORIQUE OR 3-33 STRIX R1440 [553203]	-	-

IMPORTANT

The inflation pressure must always be appropriate for the load per tire, the speed of travel and the work to be done. Our recommendations above are provided subject to changes made after the date of publication of these tables (October 2020). Technical data is subject to change without prior notice.

MICHELIN X MINE D2 PRO



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



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



**EXTREME
CONDITIONS
DEMAND TOUGH
TIRES**

**UP TO 18%
INCREASED LOAD
CAPACITY¹**



**IMPROVED
AGGRESSION
RESISTANCE²**

Due to new cables and
NRF technology

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

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



**IMPROVED
TIRE LIFE³**

In harsh conditions
thanks to optimized
tread compounds



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

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

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

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

MICHELIN X MINE D2 PRO

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
17.5R25 L5*** TL	720557 01143	6 4.0	-	477 18.8	1404 55.3	627 24.7	4254 167.5	65 81.9	-	285 75.3	14.00/1.5	
Bar	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0			
<i>Psi</i>	44	51	58	65	73	80	87	94	102			
<i>Machine - Use kg - lbs</i>	UNDERGROUND TRANSPORT MACHINE											
ALL AXLES	4250	4750	5300	5800	6300	6700	7100	7500	9000			
<i>ALL AXLES</i>	9370	10470	11685	12785	13890	14770	15655	16535	19840			
<i>Machine - Use kg - lbs</i>	LOADER											
FRONT LADEN	4750	5450	6000	6500	7100	7500	8000	8500	10000			
<i>FRONT LADEN</i>	10470	12015	13230	14330	15655	16535	17635	18740	22045			
REAR UNLADEN	3800	4360	4800	5200	5680	6000	6400	6800	8000			
<i>REAR UNLADEN</i>	8380	9610	10580	11465	12520	13230	14110	14990	17635			

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	14.00/1.5	JOINT TORIQUE OR 2-25 HEUPO R1438 [553201]	-	-

18.00R25 L5*** TL	153322 08541	6 4.0	-	532 20.9	1665 65.6	737 29.0	4971 195.7	82 103.3	-	460 121.5	13.00/2.5	15.00/2.5
Bar	4.0	4.5	5.0	5.5	6.0	7.0	7.5	8.0	8.3	8.5		
<i>Psi</i>	58	65	73	80	87	102	109	116	120	123		
<i>Machine - Use kg - lbs</i>	UNDERGROUND TRANSPORT MACHINE											
ALL AXLES	8250	9000	9750	10600	11200	12500	13200	14000	14200	15000		
<i>ALL AXLES</i>	18190	19840	21495	23370	24690	27560	29100	30865	31305	33070		
<i>Machine - Use kg - lbs</i>	LOADER											
FRONT LADEN	9250	10000	10900	11800	12500	14000	15000	15550	16000	17000		
<i>FRONT LADEN</i>	20395	22045	24030	26015	27560	30865	33070	34280	35275	37480		
REAR UNLADEN	7400	8000	8720	9440	10000	11200	12000	12440	12800	13600		
<i>REAR UNLADEN</i>	16315	17635	19225	20810	22045	24690	26455	27425	28220	29985		

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	13.00/2.5	JOINT TORIQUE OR 3-25 SULLA R1437 [553200]	-	-

IMPORTANT

The inflation pressure must always be appropriate for the load per tire, the speed of travel and the work to be done. Our recommendations above are provided subject to changes made after the date of publication of these tables (October 2020). Technical data is subject to change without prior notice.

MICHELIN X MINE D2 PRO

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
20.5R25 L5*** TL	539641 21899	6 4.0	-	562 22.1	1532 60.3	692 27.2	4656 183.3	74 93.2	-	447 118.1	17.00/1.7	17.00/2.0
Bar	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0			
<i>Psi</i>	44	51	58	65	73	80	87	94	102			
<i>Machine - Use kg - lbs</i>	UNDERGROUND TRANSPORT MACHINE											
ALL AXLES	5600	6300	7100	7750	8250	9000	9500	10000	10000	11800		
<i>ALL AXLES</i>	12345	13890	15655	17085	18190	19840	20945	22045	22045	26015		
<i>Machine - Use kg - lbs</i>	LOADER											
FRONT LADEN	6300	7100	8000	8750	9500	10000	10900	11500		13200		
<i>FRONT LADEN</i>	13890	15655	17635	19290	20945	22045	24030	25355		29100		
REAR UNLA-DEN	5040	5680	6400	7000	7600	8000	8720	9200		10560		
<i>REAR UNLA-DEN</i>	11110	12520	14110	15430	16755	17635	19225	20285		23280		

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	17.00/1.7	JOINT TORIQUE OR 2-25 HEUPO R1438 [553201]	-	-

23.5R25 L5*** TL	813419 10697	6 4.0	-	643 25.3	1660 65.4	746 29.4	5009 197.2	83 104.6	-	590 155.9	19.50/2.5	
Bar	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0			
<i>Psi</i>	44	51	58	65	73	80	87	94	102			
<i>Machine - Use kg - lbs</i>	UNDERGROUND TRANSPORT MACHINE											
ALL AXLES	7300	8250	9000	9750	10600	11500	12150	12850	12850	15000		
<i>ALL AXLES</i>	16095	18190	19840	21495	23370	25355	26785	28330	28330	33070		
<i>Machine - Use kg - lbs</i>	LOADER											
FRONT LADEN	8250	9250	10300	11200	12150	12850	13600	14400		17000		
<i>FRONT LADEN</i>	18190	20395	22710	24690	26785	28330	29985	31745		37480		
REAR UNLA-DEN	6600	7400	8240	8960	9720	10280	10880	11600		13600		
<i>REAR UNLA-DEN</i>	14550	16315	18165	19755	21430	22665	23985	25575		29985		

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	19.50/2.5	JOINT TORIQUE OR 3-25 SULLA R1437 [553200]	CHAMBRE 25WAM VALVE 1837 [101871]	FLAP 18-24/25 [551612]

IMPORTANT

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MICHELIN X MINE D2 PRO

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
26.5R25 L5*** TL	858472 21836	6 4.0	-	724 28.5	1789 70.4	797 31.4	5413 213.1	91 114.6	-	812 214.5	22.00/3.0	22.00/3.0 IF
Bar	3.0	4.0	4.5	5.0	5.5	6.0	6.5	7.0				
<i>Psi</i>	44	58	65	73	80	87	94	102				
<i>Machine - Use kg - lbs</i>	UNDERGROUND TRANSPORT MACHINE											
ALL AXLES	9000	11500	12500	13200	14500	15500	16500	19000				
<i>ALL AXLES</i>	19840	25355	27560	29100	31965	34170	36375	41890				
<i>Machine - Use kg - lbs</i>	LOADER											
FRONT LADEN	10300	12850	14000	15000	16000	17000	18500	21200				
<i>FRONT LADEN</i>	22710	28330	30865	33070	35275	37480	40785	46740				
REAR UNLA- DEN	8240	10500	11200	12000	12800	13600	14800	16960				
<i>REAR UNLA- DEN</i>	18165	23150	24690	26455	28220	29985	32630	37390				

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	22.00/3.0	JOINT TORIQUE OR 3-25 SULLA R1437 [553200]	-	-

29.5R25 L5*** TL	326526 92460	6 4.0	-	806 31.7	1891 74.4	836 32.9	5725 225.4	99 124.7	-	980 258.9	25.00/3.5	
Bar	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0			
<i>Psi</i>	44	51	58	65	73	80	87	94	102			
<i>Machine - Use kg - lbs</i>	UNDERGROUND TRANSPORT MACHINE											
ALL AXLES	10900	12150	13600	15000	16000	17500	18500	19500	23000			
<i>ALL AXLES</i>	24030	26785	29985	33070	35275	38580	40785	42990	50705			
<i>Machine - Use kg - lbs</i>	LOADER											
FRONT LADEN	12500	14000	15500	17000	18000	19500	20600	22400	25750			
<i>FRONT LADEN</i>	27560	30865	34170	37480	39685	42990	45415	49385	56770			
REAR UNLA- DEN	1000	11200	12400	13600	14400	15600	16480	17920	20600			
<i>REAR UNLA- DEN</i>	2205	24690	27335	29985	31745	34390	36330	39505	45415			

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	25.00/3.5	JOINT TORIQUE OR 3-25 SULLA R1437 [553200]	-	-

IMPORTANT

The inflation pressure must always be appropriate for the load per tire, the speed of travel and the work to be done. Our recommendations above are provided subject to changes made after the date of publication of these tables (October 2020). Technical data is subject to change without prior notice.

MICHELIN X MINE D2 PRO

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
29.5R29 L5*** TL	376767 28327	6 4.0	-	805 31.7	1994 78.5	882 34.7	6032 237.5	100 126.0	-	981 259.2	25.00/3.5	24.00/3.5
Bar	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0			
<i>Psi</i>	44	51	58	65	73	80	87	94	102			
<i>Machine - Use kg - lbs</i>	UNDERGROUND TRANSPORT MACHINE											
ALL AXLES	11800	13200	14500	16000	17000	18500	19500	20600	23600	24300		
<i>ALL AXLES</i>	26015	29100	31965	35275	37480	40785	42990	45415	52030	53570		
<i>Machine - Use kg - lbs</i>	LOADER											
FRONT LADEN	13200	15000	16500	18000	19500	20600	22400	23600	27250			
<i>FRONT LADEN</i>	29100	33070	36375	39685	42990	45415	49385	52030	60075			
REAR UNLADEN	10560	12000	13200	14400	15600	16480	17920	18880	21800			
<i>REAR UNLADEN</i>	23280	26455	29100	31745	34390	36330	39505	41625	48060			
TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim		O-ring / Grommet [CAI]			Tube [CAI]		Flap [CAI]				
	25.00/3.5		JOINT TORIQUE OR 3-29 SULKY R1439 [553202]			-		-				

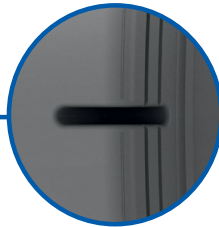
IMPORTANT

The inflation pressure must always be appropriate for the load per tire, the speed of travel and the work to be done. Our recommendations above are provided subject to changes made after the date of publication of these tables (October 2020). Technical data is subject to change without prior notice.

MICHELIN XSM D2+ LC



**MOVE FASTER,
MOVE LONGER.**



For Loaders, Underground Loaders and Forklifts

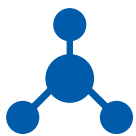
**DESIGNED TO INCREASE
YOUR SPEED
UP TO +50%
DISTANCE PER HOUR¹**

6 KM DISTANCE PER HOUR



**SPEED
INCREASE**

Move faster and get up to
+50% of distance per hour¹



**SPECIAL
CUT-RESISTANT
RUBBER COMPOUNDS**

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



**EXCEPTIONAL
PROTECTION**

Special cut-resistant
rubber compounds



TIRE SIZE: 18.00R25

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

MICHELIN XSM D2+ EXTRA LOAD L5***

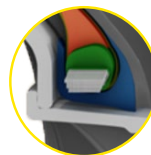


**MORE
PRODUCTIVITY
AND TIRE LIFE¹**



For Load Haul Dumpers (LHD)

EXTENDED LOAD-CARRYING CAPACITY



New bead design and stronger crown cables support increased load capacity¹

ENHANCED AGGRESSION RESISTANCE



Designed with two extra sidewall plies, robust crown cables and our deepest tread depth in the smooth category.



5% MORE TIRE LIFE¹

When used in ** applications due to more robust crown cables and sidewall protection

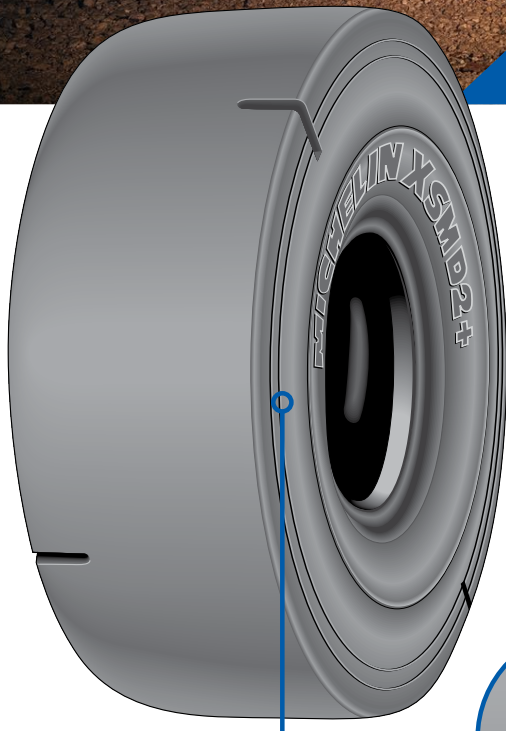
TIRE SIZE: 35/65R33

¹Comparison vs. the Michelin XSMD2+ L55** tire
Note: Work rate unchanged from the Michelin XSM D2+ L55** tire: max distance in an hour of 4km.

MICHELIN XSM D2+



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

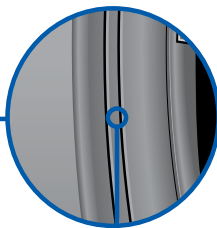


For Loaders, Underground Loaders and Forklifts



**SMOOTH, DEEP
TREAD OF 78 MM**

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



**ROBUST SHOULDERS WITH
SIDEWALL PROTECTION**



**PROTECTED
CASING**

Resists damage from impacts and penetration



**EXCELLENT
ADHESION**

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



TIRE SIZES: 12.00R24, 18.00R25

MICHELIN XSM D2+

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
12.00R24 L5 TL	123647 80803	4 2.0	-	325 12.8	1264 49.8	580 22.8	3840 151.2	57 71.8	-	140 37.0	8.5	7.33V* 7.5 8.0
Bar	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	7.0		
Psi	29	36	44	51	58	65	73	80	87	102		
<i>Machine - Use</i>	UNDERGROUND MINE MACHINE											
kg - lbs												
ALL AXLES	2050	2450	2750	3100	3450	3800	4150	4475	4800	5500		
<i>ALL AXLES</i>	4520	5400	6065	6835	7605	8380	9150	9865	10580	12125		
<i>Machine - Use</i>	LOADER											
kg - lbs												
FRONT LADEN	2300	2700	3050	3450	3850	4200	4600	4975	5350	6100		
<i>FRONT LADEN</i>	5070	5950	6725	7605	8490	9260	10140	10970	11795	13450		
REAR UNLADEN	1850	2150	2450	2750	3100	3350	3700	4000	4300	4900		
<i>REAR UNLADEN</i>	4080	4740	5400	6065	6835	7385	8155	8820	9480	10805		

*OTHER APPROVED RIMS: 8.00V, 8.50V

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	8.5	JOINT CORNIERE G-25 ICERU R1237 [553012]	-	-

14.00R24 L5 TL PHASED OUT	123597 80802	4 2.0	-	401 15.8	1395 54.9	636 25.0	4227 166.4	58 73.1	-	266 70.3	10.0	10.00W 9.0 9.00V
Bar	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	7.0		
Psi	29	36	44	51	58	65	73	80	87	102		
<i>Machine - Use</i>	UNDERGROUND MINE MACHINE											
kg - lbs												
ALL AXLES	2950	3400	3850	4300	4800	5300	5750	6200	6550	7250		
<i>ALL AXLES</i>	6505	7495	8490	9480	10580	11685	12675	13670	14440	15985		
<i>Machine - Use</i>	LOADER											
kg - lbs												
FRONT LADEN	3250	3750	4300	4800	5350	5900	6400	6900				
<i>FRONT LADEN</i>	7165	8265	9480	10580	11795	13005	14110	15210				
REAR UNLADEN	2600	3000	3450	3850	4300	4700	5100	5500				
<i>REAR UNLADEN</i>	5730	6615	7605	8490	9480	10360	11245	12125				

IMPORTANT

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MICHELIN XSM D2+

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
17.5R25 L5** TL PHASED OUT	218365 41235	4 2.0	-	456 18.0	1397 55.0	641 25.2	4246 167.2	78 98.3	-	272 71.9	14.00/1.5	
Bar	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5				
Psi	44	51	58	65	73	80	87	94				
Machine - Use kg - lbs	LOADER											
FRONT LADEN	4750	5450	6000	6500	7100	7500	8000	8500				
FRONT LADEN	10470	12015	13230	14330	15655	16535	17635	18740				
REAR UNLA- DEN	3800	4360	4800	5200	5680	6000	6400	6800				
REAR UNLADEN	8380	9610	10580	11465	12520	13230	14110	14990				

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	14.00/1.5	JOINT TORIQUE OR 2-25 HEUPO R1438 [553201]	-	-

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
18.00R25 L5** TL PHASED OUT	686348 41606	4 2.0	-	507 20.0	1655 65.2	743 29.3	4988 196.4	96 120.9	-	440 116.2	13.00/2.5	15.00/2.5
Bar	4.0	4.5	5.0	5.5	6.0	7.0	7.5	8.0	8.3			
Psi	58	65	73	80	87	102	109	116	120			
Machine - Use kg - lbs	LOADER											
FRONT LADEN	9250	10000	10900	11800	12500	14000	15000	15550	16000			
FRONT LADEN	20395	22045	24030	26015	27560	30865	33070	34280	35275			
REAR UNLA- DEN	7400	8000	8720	9450	10000	11200	12000	12450	12800			
REAR UNLADEN	16315	17635	19225	20835	22045	24690	26455	27450	28220			

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	13.00/2.5	JOINT TORIQUE OR 3-25 SULLA R1437 [553200]	-	-

IMPORTANT

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MICHELIN XSM D2+

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
18.00R25 L5** TL	694482 32651	6 4.0	-	509 20.0	1612 63.5	723 28.5	4856 191.2	78 98.3	-	437 115.4	13.00/2.5	15.00/2.5
Bar	4.0	4.5	5.0	5.5	6.0	7.0	7.5	8.0	8.3			
<i>Psi</i>	58	65	73	80	87	102	109	116	120			
<i>Machine - Use kg - lbs</i>	LOADER											
FRONT LADEN	9250	10000	10900	11800	12500	14000	15000	15550	16000			
<i>FRONT LADEN</i>	20395	22045	24030	26015	27560	30865	33070	34280	35275			
REAR UNLADEN	7400	8000	8720	9450	10000	11200	12000	12450	12800			
<i>REAR UNLADEN</i>	16315	17635	19225	20835	22045	24690	26455	27450	28220			

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	13.00/2.5	JOINT TORIQUE OR 3-25 SULLA R1437 [553200]	-	-

26.5R25 L5** TL PHASED OUT	995669 93041	4 2.0	-	692 27.2	1790 70.5	806 31.7	5400 212.6	102 128.5	-	771 203.7	22.00/3.0	22.00/3.0 IF
Bar	3.0	4.0	4.5	5.0	5.5	6.0	6.5					
<i>Psi</i>	44	58	65	73	80	87	94					
<i>Machine - Use kg - lbs</i>	LOADER											
FRONT LADEN	10300	12850	14000	15000	16000	17000	18500					
<i>FRONT LADEN</i>	22710	28330	30865	33070	35275	37480	40785					
REAR UNLADEN	8240	10280	11200	12000	12800	13600	14800					
<i>REAR UNLADEN</i>	18165	22665	24690	26455	28220	29985	32630					

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	22.00/3.0	JOINT TORIQUE OR 3-25 SULLA R1437 [553200]	-	-

IMPORTANT

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MICHELIN XSM D2+

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
29.5R29 L5** TL PHASED OUT	358035 93004	4 2.0	-	770 30.3	1994 78.5	893 35.2	6003 236.3	112 141.1	-	1123 296.7	25.00/3.5	24.00/3.5

Bar	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5
<i>Psi</i>	44	51	58	65	73	80	87	94

Machine - Use kg - lbs		LOADER										
FRONT LADEN	13200	15000	16500	18000	19500	20600	22400	23600				
<i>FRONT LADEN</i>	29100	33070	36375	39685	42990	45415	49385	52030				
REAR UNLA- DEN	10560	12000	13200	14400	15600	16480	17920	18880				
<i>REAR UNLADEN</i>	23280	26455	29100	31745	34390	36330	39505	41625				

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	25.00/3.5	JOINT TORIQUE OR 3-29 SULKY R1439 [553202]	-	-

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
35/65R33 L5S** TL	980846 39998	4 2.0	-	921 36.3	2050 80.7	916 36.1	6166 242.8	97 122.2	-	1350 356.6	28.00/3.5	

Bar	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5
<i>Psi</i>	44	51	58	65	73	80	87	94

Machine - Use kg - lbs		LOADER										
FRONT LADEN	16100	17700	19000	21200	23000	24300	25750	28000				
<i>FRONT LADEN</i>	35495	39020	41890	46740	50705	53570	56770	61730				
REAR UNLA- DEN	12900	14200	15200	16950	18400	19450	20600	22400				
<i>REAR UNLADEN</i>	28440	31305	33510	37370	40565	42880	45415	49385				

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	28.00/3.5	JOINT TORIQUE OR 3-33 STRIX R1440 [553203]	-	-

IMPORTANT

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MICHELIN XSM D2+ PRO



**EXTREME CONDITIONS
DEMAND TOUGH TIRES**



For Loaders, Underground Loaders



**INCREASE LOAD CAPACITY
BY UP TO 18%¹**



**IMPROVED AGGRESSION
RESISTANCE²**

Due to new cables
and NRF technology
(reinforced sidewall plies)²

NRF TECHNOLOGY

Reinforced sidewall plies



**IMPROVED
TIRE LIFE³**

In the harshest of conditions
thanks to optimized tread
compounds³

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

¹ Based on comparisons of the MICHELIN® XSM® D2+ PRO and X MINE® D2 PRO to the MICHELIN® XSM® D2+ and MICHELIN® X MINE® D2, as set forth in the 2024 Michelin Databook. Actual results may vary.

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

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

MICHELIN XSM D2+ PRO

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
17.5R25 L5*** TL	822869 33183	4 2.0	-	453 17.8	1396 55.0	635 25.0	4246 167.2	78 98.3	-	272 71.9	14.00/1.5	
Bar	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5
<i>Psi</i>	44	51	58	65	73	80	87	94	102	110	118	126
<i>Machine - Use kg - lbs</i>	LOADER											
FRONT LADEN	4750	5450	6000	6500	7100	7500	8000	8500	9000	9500	10000	10500
<i>FRONT LADEN</i>	10470	12015	13230	14330	15655	16535	17635	18740	19845	20950	22045	23145
REAR UNLA- DEN	3800	4360	4800	5200	5680	6000	6400	6800	7200	7600	8000	8400
<i>REAR UNLA- DEN</i>	8380	9610	10580	11465	12520	13230	14110	14990	15870	16750	17635	18515

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	14.00/1.5	JOINT TORIQUE OR 2-25 HEUPO R1438 [553201]	-	-

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
18.0R25 L5*** TL	003438 57386	4 2.0	-	508 20.0	1653 65.1	738 29.1	4988 196.4	96 120.9	-	440 116.2	13.00/2.5	15.00/2.5
Bar	4.0	4.5	5.0	5.5	6.0	7.0	7.5	8.0	8.5	9.0	9.5	10.0
<i>Psi</i>	58	65	73	80	87	102	109	116	123	130	137	144
<i>Machine - Use kg - lbs</i>	LOADER											
FRONT LADEN	9250	10000	10900	11800	12500	14000	15000	15550	16000	16550	17000	17550
<i>FRONT LADEN</i>	20395	22045	24030	26015	27560	30865	33070	34280	35275	36270	37265	38260
REAR UN- LADEN	7400	8000	8720	9440	10000	11200	12000	12440	12800	13240	13600	14000
<i>REAR UNLA- DEN</i>	16315	17635	19225	20810	22045	24690	26455	27425	28220	29215	30010	30805

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	13.00/2.5	JOINT TORIQUE OR 3-25 SULLA R1437 [553200]	-	-

IMPORTANT

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MICHELIN XSM D2+ PRO

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
26.5R25 L5S*** TL	183806 74661	4 2.0	-	693 27.3	1788 70.4	798 31.4	5400 212.6	102 128.5	-	771 203.7	22.00/3.0	22.00/3.0 IF
Bar	3.0	4.0	4.5	5.0	5.5	6.0	6.5	7.0				
<i>Psi</i>	44	58	65	73	80	87	94	102				
<i>Machine - Use kg - lbs</i>	LOADER											
FRONT LADEN	10300	12850	14000	15000	16000	17000	18500	21200				
<i>FRONT LADEN</i>	22710	28330	30865	33070	35275	37480	40785	46740				
REAR UNLA- DEN	8240	10500	11200	12000	12800	13600	14800	16960				
<i>REAR UNLADEN</i>	18165	23150	24690	26455	28220	29985	32630	37390				

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	22.00/3.0	JOINT TORIQUE OR 3-25 SULLA R1437 [553200]	-	-

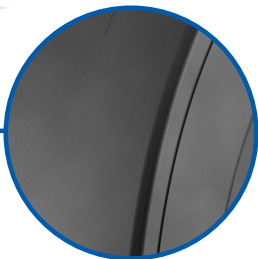
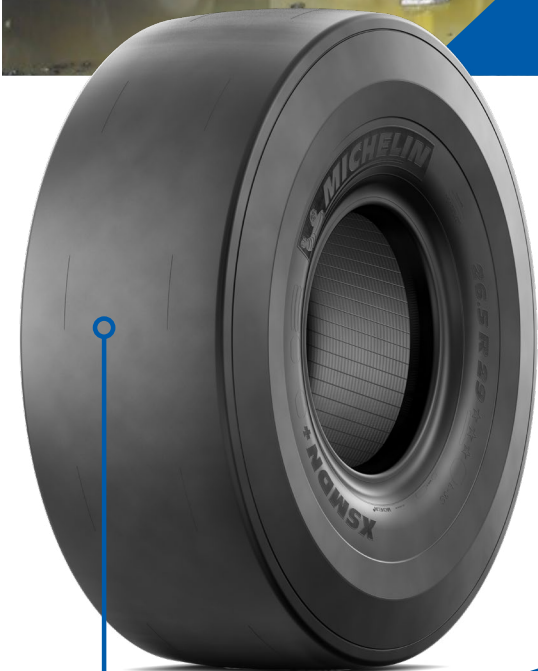
29.5R29 L5S*** TL	819333 22462	4 2.0	-	770 30.3	1993 78.5	883 34.8	6003 236.3	112 141.1	-	1123 296.7	25.00/3.5	24.00/3.5
Bar	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0			
<i>Psi</i>	44	51	58	65	73	80	87	94	102			
<i>Machine - Use kg - lbs</i>	LOADER											
FRONT LADEN	13200	15000	16500	18000	19500	20600	22400	23600	27250			
<i>FRONT LADEN</i>	29100	33070	36375	39685	42990	45415	49385	52030	60075			
REAR UNLA- DEN	10560	12000	13200	14400	15600	16480	17920	18880	21800			
<i>REAR UNLA- DEN</i>	23280	26455	29100	31745	34390	36330	39505	41625	48060			

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	25.00/3.5	JOINT TORIQUE OR 3-29 SULKY R1439 [553202]	-	-

IMPORTANT

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MICHELIN XSM DN+



For Loaders, Underground Loaders and Forklifts



LONG CYCLE USAGE

Specially designed for use in long cycles – 6 mph distance



HIGHER LOADS

Reinforced carcass for high load capacity



ROBUST BEAD

Robust bead area with B2 technology for extreme conditions

TIRE SIZES: 26.5R25, 35/65R33

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
26.5R25 L3S*** TL	569259 29138	10 6.0	-	704 27.7	1727 68.0	770 30.3	5192 204.4	44 55.4	-	836 220.8	22.00/3.0	22.00/3.0 IF
Bar	3.0	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0		
Psi	44	58	65	73	80	87	94	102	109	116		
<i>Machine - Use</i>	LOADER											
FRONT LADEN	10300	12850	14000	15000	16000	17000	18500	19500	20600	21200		
<i>FRONT LADEN</i>	22710	28330	30865	33070	35275	37480	40785	42990	45415	46740		
REAR UN-LADEN	9100	10600	11450	12300	13100	13800	14650	15400	16200	16850		
<i>REAR UNLA-DEN</i>	20060	23370	25245	27115	28880	30425	32300	33950	35715	37150		

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	22.00/3.0	JOINT TORIQUE OR 3-25 SULLA R1437 [553200]	-	-

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
26.5R29 L3S*** TL	317097 02315	10 6.0	-	698 27.5	1830 72.0	820 32.3	5510 216.9	44 55.4	-	926 244.6	22.00/3.0	24.00/3.0
Bar	5.0	5.5	6.0	6.5	6.8	7.0	7.3	7.5	7.8	8.0		
Psi	73	80	87	94	98	102	105	109	112	116		
<i>Machine - Use</i>	LOADER											
FRONT LADEN	16000	17500	18500	19500	20000	20600	21200	21800	22400	23000		
<i>FRONT LADEN</i>	35275	38580	40785	42990	44090	45415	46740	48060	49385	50705		
REAR UN-LADEN	12800	14000	14800	15600	16000	16480	16960	17440	17920	18400		
<i>REAR UNLA-DEN</i>	28220	30865	32630	34390	35275	36330	37390	38450	39505	40565		

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	22.00/3.0	JOINT TORIQUE OR 3-29 SULKY R1439 [553202]	-	-

IMPORTANT

The inflation pressure must always be appropriate for the load per tire, the speed of travel and the work to be done. Our recommendations above are provided subject to changes made after the date of publication of these tables (October 2020). Technical data is subject to change without prior notice.

MICHELIN XSM DN+

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
35/65R33 L3S*** TL	432610 07865	10 6.0	-	920 36.2	2022 79.6	897 35.3	6066 238.8	49 61.7	-	1547 408.7	28.00/3.5	
Bar	3.0	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0		
Psi	44	58	65	73	80	87	94	102	109	116		
Machine - Use kg - lbs	LOADER											
FRONT LADEN	15500	19000	21200	23000	25000	26500	28000	30000	31500	32500		
<i>FRONT LADEN</i>	34170	41890	46740	50705	55115	58420	61730	66140	69445	71650		
REAR UN- LADEN	12400	15200	16950	18400	20000	21200	22400	24000	25200	26000		
<i>REAR UNLA- DEN</i>	27335	33510	37370	40565	44090	46740	49385	52910	55555	57320		

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	28.00/3.5	JOINT TORIQUE OR 3-33 STRIX R1440 [553203]	-	-

IMPORTANT

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MICHELIN XADN+



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

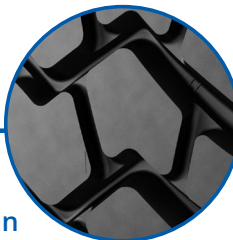


For Articulated Dump Trucks and Scrapers



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

Summit designed to resist stresses when cornering



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



**+11% WEAR
LIFE¹**

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



EXCELLENT TRACTION

Maneuverability on soft or muddy soil with proven flotation and traction



GOOD LONG-TERM INVESTMENT

Up to 81% of Michelin tires are retreadable due to Michelin's casing quality³

EXCELLENT TREAD WEAR RESISTANCE THANKS TO THE RUBBER COMPOUND²

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

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

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

*Please refer to the Earthmover Tire compounds section.

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
23.5R25 E3** 185B TL	295773 31373	28 17.0	207 128.6	602 23.7	1598 62.9	721 28.4	4824 189.9	38 47.9	-	702 185.4	19.50/2.5	
Bar	2.0	2.5	3.0	3.5	3.8	4.0	4.5	5.0				
Psi	29	36	44	51	54	58	65	73				

Machine - Use
kg - lbs

ARTICULATED DUMP TRUCK

STANDARD	4930	5650	6380	7100	7450	7800	8550	9250				
STANDARD	10870	12455	14065	15655	16425	17195	18850	20395				

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	19.50/2.5	JOINT TORIQUE OR 3-25 SULLA R1437 [553200]	-	-

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
23.5R25 E3** 185B B4 TL	676673 44634	28 17.0	207 128.6	602 23.7	1598 62.9	721 28.4	4824 189.9	38 47.9	-	702 185.4	19.50/2.5	
Bar	2.0	2.5	3.0	3.5	3.8	4.0	4.5	5.0				
Psi	29	36	44	51	54	58	65	73				

Machine - Use
kg - lbs

ARTICULATED DUMP TRUCK

STANDARD	4930	5650	6380	7100	7450	7800	8550	9250				
STANDARD	10870	12455	14065	15655	16425	17195	18850	20395				

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	19.50/2.5	JOINT TORIQUE OR 3-25 SULLA R1437 [553200]	-	-

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
26.5R25 E3** 193B TL	154324 32433	28 17.0	258 160.3	687 27.0	1726 68.0	773 30.4	5196 204.6	41 51.7	-	908 239.9	22.00/3.0	22.00/3.0 IF
Bar	2.5	3.0	3.3	3.5	4.0	4.5	5.0					
Psi	36	44	47	51	58	65	73					

Machine - Use
kg - lbs

ARTICULATED DUMP TRUCK

STANDARD	6500	7500	8000	8500	9500	10500	11500					
STANDARD	14330	16535	17635	18740	20945	23150	25355					

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	22.00/3.0	JOINT TORIQUE OR 3-25 SULLA R1437 [553200]	-	-

IMPORTANT

The inflation pressure must always be appropriate for the load per tire, the speed of travel and the work to be done. Our recommendations above are provided subject to changes made after the date of publication of these tables (October 2020). Technical data is subject to change without prior notice.

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
26.5R25 E3** 193B B4 TL PHASED OUT	238546 44737	28 17.0	258 160.3	687 27.0	1726 68.0	773 30.4	5196 204.6	41 51.7	-	908 239.9	22.00/3.0	22.00/3.0 IF
Bar	2.5	3.0		3.3		3.5		4.0		4.5		5.0
<i>Psi</i>	36	44		47		51		58		65		73
<i>Machine - Use kg - lbs</i>	ARTICULATED DUMP TRUCK											
STANDARD	6500	7500		8000		8500		9500		10500		11500
<i>STANDARD</i>	14330	16535		17635		18740		20945		23150		25355

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	22.00/3.0	JOINT TORIQUE OR 3-25 SULLA R1437 [553200]	-	-

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
29.5R25 E3** 200B B4 TL PHASED OUT	101786 18042	28 17.0	314 195.1	767 30.2	1858 73.1	826 32.5	5578 219.6	44 55.4	-	1221 322.6	25.00/3.5	
Bar	2.5	3.0		3.3		3.5		4.0		4.5		5.0
<i>Psi</i>	36	44		47		51		58		65		73
<i>Machine - Use kg - lbs</i>	ARTICULATED DUMP TRUCK											
STANDARD	7800	9050		9675		10300		11500		12750		14000
<i>STANDARD</i>	17195	19950		21330		22710		25355		28110		30865

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	25.00/3.5	JOINT TORIQUE OR 3-25 SULLA R1437 [553200]	-	-

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
29.5R25 E3** 200B TL	597428 40883	28 17.0	314 195.1	767 30.2	1858 73.1	826 32.5	5578 219.6	44 55.4	-	1221 322.6	25.00/3.5	
Bar	2.5	3.0		3.3		3.5		4.0		4.5		5.0
<i>Psi</i>	36	44		47		51		58		65		73
<i>Machine - Use kg - lbs</i>	ARTICULATED DUMP TRUCK											
STANDARD	7800	9050		9675		10300		11500		12750		14000
<i>STANDARD</i>	17195	19950		21330		22710		25355		28110		30865

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	25.00/3.5	JOINT TORIQUE OR 3-25 SULLA R1437 [553200]	-	-

IMPORTANT

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MICHELIN XAD 65

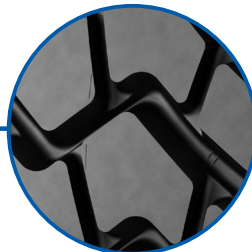


**TAILORED FOR YOUR
BOTTOM LINE IN ANY
WORKING CONDITIONS**



Multi-block
tread pattern

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



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



**HIGHER
LOAD CAPACITY**

Up to 1600kg/3527 lbs at
a lower pressure¹



For Articulated Dump Trucks



**HIGHER
FOOTPRINT**

More tread rubber² to
protect your tire and
insure its retreadability

Better traction on
mixed soils

+26% footprint surface²



**HIGHER AIR²
VOLUME**

Better comfort for the
operator with up to
10% or more shock
absorption²

Better flotation in
soft soils

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

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

MICHELIN XAD 65

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
750/65R25 E3** 190B TL	123895 79374	28 17.0	237 147.3	738 29.1	1599 63.0	701 27.6	4777 188.1	43 54.2	-	810 214.0	24.00/3.0	22.00/3.0 25.00/3.0
Bar	2.5		3.0			3.3		3.5			4.0	
<i>Psi</i>	36		44			47		51			58	
Machine - Use kg - lbs	ARTICULATED DUMP TRUCK											
STANDARD	7350		8400			8950		9500			10600	
<i>STANDARD</i>	16205		18520			19730		20945			23370	
TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim		O-ring / Grommet [CAI]			Tube [CAI]			Flap [CAI]			
	24.00/3.0		JOINT TORIQUE OR 3-25 SULLA R1437 [553200]			-			-			

IMPORTANT

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MICHELIN XAD 65 SUPER E3

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
650/65R25 E3** 180B TL	840573 89647	28 17.0	179 111.2	630 24.8	1494 58.8	669 26.3	4498 177.1	40 50.4	-	595 157.2	19.50/2.5	22.00/3.0
Bar	2.5		3.0			3.5			4.0			
<i>Psi</i>	36		44			51			58			

Machine - Use
kg - lbs

ARTICULATED DUMP TRUCK

STANDARD	5450	6300	7150	8000
<i>STANDARD</i>	12015	13890	15765	17635

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	19.50/2.5	JOINT TORIQUE OR 3-25 SULLA R1437 [553200]	-	-

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims	
775/65R29 E3** 195B TL	510085 74895	28 17.0	272 169.0	785 30.9	1759 69.3	778 30.6	5272 207.6	45 56.7	-	1050 277.4	24.00/3.0	24.00/3.5 25.00/3.5	
Bar	2.0		2.5			3.0			3.5			4.0	
<i>Psi</i>	29		36			44			51			58	

Machine - Use
kg - lbs

ARTICULATED DUMP TRUCK

STANDARD	6900	8100	9350	10700	12150
<i>STANDARD</i>	15210	17855	20615	23590	26785

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	24.00/3.0	JOINT TORIQUE OR 3-29 SULKY R1439 [553202]	-	-

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims	
875/65R29 E3** 203B TL	086953 40269	28 17.0	347 215.6	883 34.8	1881 74.1	822 32.4	5613 221.0	51 64.3	-	1376 363.5	27.00/3.0	27.00/3.5 28.00/3.5	
Bar	2.0		2.5			3.0			3.5			4.0	
<i>Psi</i>	29		36			44			51			58	

Machine - Use
kg - lbs

ARTICULATED DUMP TRUCK

STANDARD	9100	10800	12500	14100	15500
<i>STANDARD</i>	20060	23810	27560	31085	34170

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	27.00/3.0	JOINT TORIQUE OR 3-29 SULKY R1439 [553202]	-	-

IMPORTANT

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MICHELIN XTRA DEFEND E4/L4



**DESIGNED TO
RESIST**



For Articulated Dump Trucks and Loaders



PRODUCTIVITY

- Casing designed at ****⁽¹⁾** load capacity 56 779 lbs / 25 750 kg⁽²⁾ with Increased protection
- Up to **+21%⁽³⁾** extra load capacity vs competitor 1
- Low Michelin pressure conception for higher flotation in the mud and driver comfort in load and carry cycle



POLYVALENCE

- Reinforced casing and summit conception for ADT/Loader applications
- Address multiple applications with only one product offer. With high torque transmission for new machines, speed up to 50 km/h (31 mph) and up to 7.5 bar (109 psi) for high load capacity & high stability.



ROBUSTNESS

- Reinforced crown and summit resistance to aggression
- Up to **50%⁽⁴⁾** of mass metal, thicker summit with up to 5 plies conception with specific aggression rubber resistance



**XTRA
DEFEND E4****

+

**TREAD
AGGRESSION
RESISTANCE***

+

**SAME TKPH WITH
REINFORCED
BEAD AREA**



**XLD D1
+ 1 STAR LOAD
CAPACITY**

+

**EXTRA TORQUE
TRANSFERT**

+

**UP TO 10%⁽⁵⁾
EXTRA WEAR WITH
REINFORCE SUMMIT**



**XTRA DEFEND
E4**/L4**⁽¹⁾**

* Only available on XTRA DEFEND E4/L4 in 29.5R25 and 875/65R29 dimensions

⁽¹⁾ Except the 750/65 R 25, which is only * load capacity. Reference MICHELIN Earthmover Databook 2024.

⁽²⁾ Reference MICHELIN Earthmover Databook 2024 for the MICHELIN XTRA DEFEND E4**/L4** in 875/65 R29.

⁽³⁾ Measurement certified by the Michelin Center of Technology, Ladoux, France. Comparison between a Michelin XTRA DEFEND E4/L4 at 25750 kg/56779 lbs and the Bridgestone VLTS 21200 kg/46700 lbs same dimension 875/65 R29.

Reference Michelin Earthmover databook 2024 & Bridgestone Databook off the road tire 2023.

⁽⁴⁾ Internal comparison between the MICHELIN XLDD1 L4* and the MICHELIN XTRA DEFEND E4**/L4**, same dimension 29.5 R 25, measurement certified by the MICHELIN Center of Technology, Ladoux, France

⁽⁵⁾ Measurement certified by the Michelin Center of technology, Faro method, sculpture 3D with laser, comparison of the 29.5R25 Michelin XTRA DEFEND with competitor 2 same dimension.

MICHELIN XTRA DEFEND E4/L4

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
23.5R25 E4** L4** G4* 185B TL	723646 80181	26 16.0	192 119.3	617 24.3	1619 63.7	728 28.7	5586 219.9	54 68.0	-	646 170.7	19.50/2.5	
Bar	2.0	2.5	3.0	3.5	3.8	4.0	4.5	5.0	5.5			
<i>Psi</i>	29	36	44	51	54	58	65	73	80			
<i>Machine - Use kg - lbs</i>	GRADER											
ALL AXLES	4850	5250	6000	6750	7130	7500	8200					
<i>ALL AXLES</i>	10690	11575	13230	14880	15720	16535	18080					
<i>Machine - Use kg - lbs</i>	ARTICULATED DUMP TRUCK											
ALL AXLES	5650	6380	7100	7800	8175	8550	9250	9950	10350			
<i>ALL AXLES</i>	12455	14065	15655	17195	18025	18850	20395	21935	22820			
<i>Machine - Use kg - lbs</i>	LOADER											
FRONT LADEN	8100	9100	10150	11150	11650	12150	13350	13900	14500			
<i>FRONT LADEN</i>	17855	20060	22375	24580	25685	26785	29430	30645	31965			
REAR UNLADEN	6500	7300	8100	8900	9300	9700	10700	11160	11600			
<i>REAR UNLADEN</i>	14330	16095	17855	19620	20505	21385	23590	24605	25575			

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	19.50/2.5	JOINT TORIQUE OR 3-25 SULLA R1437 [553200]	-	-

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
26.5R25 E4** L4** G4* 193B TL	565274 76382	24 15.0	221 137.3	698 27.5	1740 68.5	779 30.7	-	60 75.0	-	870 229.8	22.00/3.0	22.00/3.0 IF
Bar	2.0	2.5	3.0	3.3	3.5	4.0	4.5	5.0	5.5			
<i>Psi</i>	29	36	44	47	51	58	65	73	80			
<i>Machine - Use kg - lbs</i>	GRADER											
ALL AXLES	5500	6500	7500	8000	8500	9400	10350	11500				
<i>ALL AXLES</i>	12125	14330	16535	17635	18740	20725	22820	25355				
<i>Machine - Use kg - lbs</i>	ARTICULATED DUMP TRUCK											
ALL AXLES	6500	7500	8500	9000	9500	10500	11500					
<i>ALL AXLES</i>	14330	16535	18740	19840	20945	23150	25355					
<i>Machine - Use kg - lbs</i>	LOADER											
FRONT LADEN	9300	10300	12150	12875	13600	15000	16150	17350	18500			
<i>FRONT LADEN</i>	20505	22710	26785	28385	29985	33070	35605	38250	40785			
REAR UNLADEN	7450	8250	9700	10300	10900	12000	12900	13900	14800			
<i>REAR UNLADEN</i>	16425	18190	21385	22710	24030	26455	28440	30645	32630			

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	22.00/3.0	JOINT TORIQUE OR 3-25 SULLA R1437 [553200]	-	-

MICHELIN XTRA DEFEND E4/L4

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
29.5R25 E4** L4** 200B TL	929747 88655	22 14.0	246 152.9	777 30.6	1857 73.1	829 32.6	5586 219.9	65 81.9	-	1121 296.1	25.00/3.5	
Bar	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5				
<i>Psi</i>	29	36	44	51	58	65	73	80				
<i>Machine - Use kg - lbs</i>	ARTICULATED DUMP TRUCK											
ALL AXLES	7800	9050	10300	11500	12750	14000						
<i>ALL AXLES</i>	17195	19950	22710	25355	28110	30865						
<i>Machine - Use kg - lbs</i>	LOADER											
FRONT LADEN	11150	12300	14600	16300	18000	19450	20950	22400				
<i>FRONT LADEN</i>	24580	27115	32185	35935	39685	42880	46185	49385				
REAR UNLA- DEN	8900	9850	11700	13050	14400	15550	16750	17900				
<i>REAR UNLADEN</i>	19620	21715	25795	28770	31745	34280	36925	39465				

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	25.00/3.5	JOINT TORIQUE OR 3-25 SULLA R1437 [553200]	-	-

750/65R25 E4** L4* G4* 190B TL	175955 13434	26 16.0	220 136.7	733 28.9	1628 64.1	720 28.3	-	55 69.3	-	796 210.3	24.00/3.0	22.00/3.0 25.00/3.0
Bar	2.0	2.5	3.0	3.3	3.5	4.0	4.5					
<i>Psi</i>	29	36	44	47	51	58	65					
<i>Machine - Use kg - lbs</i>	GRADER											
ALL AXLES	5500	6500	7500	8000	8500	9400	10500					
<i>ALL AXLES</i>	12125	14330	16535	17635	18740	20725	23150					
<i>Machine - Use kg - lbs</i>	ARTICULATED DUMP TRUCK											
ALL AXLES	6250	7350	8400	8950	9500	10600	15000					
<i>ALL AXLES</i>	13780	16205	18520	19730	20945	23370	33070					
<i>Machine - Use kg - lbs</i>	LOADER											
FRONT LADEN	8400	9420	11040	11700	12360	13680	15000					
<i>FRONT LADEN</i>	18520	20770	24340	25795	27250	30160	33070					
REAR UNLADEN	6725	7775	8825	9365	9000	10950	12000					
<i>REAR UNLADEN</i>	14825	17140	19455	20645	19840	24140	26455					

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	24.00/3.0	JOINT TORIQUE OR 3-25 SULLA R1437 [553200]	-	-

IMPORTANT

The inflation pressure must always be appropriate for the load per tire, the speed of travel and the work to be done. Our recommendations above are provided subject to changes made after the date of publication of these tables (October 2020). Technical data is subject to change without prior notice.

MICHELIN XTRA DEFEND E4/L4

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
775/65R29 E4** L4** 195B TL	002752 76326	24 15.0	233 144.8	769 30.3	1761 69.3	778 30.6	-	54 68.0	-	962 254.1	24.00/3.0	24.00/3.5 25.00/3.5

Bar	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	5.8
<i>Psi</i>	29	36	44	51	58	65	73	80	83

Machine - Use
kg - lbs **ARTICULATED DUMP TRUCK**

STANDARD	7000	8300	9500	10900	12150
<i>STANDARD</i>	15430	18300	20945	24030	26785

Machine - Use
kg - lbs **LOADER**

FRONT LADEN	8900	10500	12100	13800	15400	17000	18600	20000	20600
<i>FRONT LADEN</i>	19620	23150	26675	30425	33950	37480	41005	44090	45415
REAR UNLADEN	7100	8500	9700	11200	12300	13600	14900	16200	16480
<i>REAR UNLADEN</i>	15655	18740	21385	24690	27115	29985	32850	35715	36330

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	24.00/3.0	JOINT TORIQUE OR 3-29 SULKY R1439 [553202]	-	-

875/65R29 E4** L4** 203B TL	206954 76031	22 14.0	273 169.6	872 34.3	1884 74.2	823 32.4	-	60 75.0	-	1330 351.3	27.00/3.0	27.00/3.5 28.00/3.5
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Bar	2.5	3.0	3.5	4.0	4.5	4.8	5.0	5.5	6.0	6.3
<i>Psi</i>	36	44	51	58	65	69	73	80	87	91

Machine - Use
kg - lbs **ARTICULATED DUMP TRUCK**

ALL AXLES	10600	12250	13800	15500	17100
<i>ALL AXLES</i>	23370	27005	30425	34170	37700

Machine - Use
kg - lbs **LOADER**

FRONT LADEN	13000	15200	17200	18500	20600	21200	21800	23600	25000	25750
<i>FRONT LADEN</i>	28660	33510	37920	40785	45415	46740	48060	52030	55115	56770
REAR UNLADEN	10400	12200	13800	14400	16480	16960	17440	18880	20000	20600
<i>REAR UNLADEN</i>	22930	26895	30425	31745	36330	37390	38450	41625	44090	45415

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	27.00/3.0	JOINT TORIQUE OR 3-29 SULKY R1439 [553202]	-	-

IMPORTANT

The inflation pressure must always be appropriate for the load per tire, the speed of travel and the work to be done. Our recommendations above are provided subject to changes made after the date of publication of these tables (October 2020). Technical data is subject to change without prior notice.

MICHELIN XTRA DEFEND



**DESIGNED TO
RESIST**



For Articulated Dump Trucks



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



ROBUSTNESS

24,7%⁽¹⁾ more mass metal
+15%⁽²⁾ more sidewall
thickness



TREADLIFE

Lower heat generation rubber
for a higher mileage on the
field



TRACTION

The best sculpture (E4) to bring
a high longevity during highest
cycle solicitation

TIRE SIZES: 750/65R25, 875/65R29, 23.5R2, 26.5R25, 29.5R25, 33.25R29

(1) On the summit, Internal comparison between 29.5R25 MICHELIN® XTRA Defend and 29.5R25 MICHELIN® X®-SUPER TERRAIN™+, measurement certified by the Michelin® Center of technology
(2) Internal comparison between 29.5R25 MICHELIN® XTRA Defend and 29.5R25 MICHELIN® X®-SUPER TERRAIN™+, measurement certified by the Michelin® Center of technology.

MICHELIN XTRA DEFEND

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
23.5R25 E4** 185B TL	923499 63502	26 16.0	192 119.3	615 24.2	1628 64.1	731 28.8	5586 219.9	54 68.0	-	658 173.8	19.50/2.5	
Bar	2.0	2.5	3.0	3.5	3.8	4.0	4.5	5.0	5.5			
<i>Psi</i>	29	36	44	51	54	58	65	73	80			
<i>Machine - Use kg - lbs</i>	ARTICULATED DUMP TRUCK											
STANDARD	5650	6380	7100	7800	8175	8550	9250	9950	10350			
<i>STANDARD</i>	12455	14065	15655	17195	18025	18850	20395	21935	22820			

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	19.50/2.5	JOINT TORIQUE OR 3-25 SULLA R1437 [553200]	-	-

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
26.5R25 E4 193B TL PHASED OUT	740832 61680	24 15.0	221 137.3	698 27.5	1740 68.5	775 30.5	-	60 75.0	-	870 229.8	22.00/3.0	22.00/3.0 IF
Bar	2.0	2.5	3.0	3.3	3.5	4.0	4.5					
<i>Psi</i>	29	36	44	47	51	58	65					
<i>Machine - Use kg - lbs</i>	ARTICULATED DUMP TRUCK											
STANDARD	6500	7500	8500	9000	9500	10500	11500					
<i>STANDARD</i>	14330	16535	18740	19840	20945	23150	25355					

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	22.00/3.0	JOINT TORIQUE OR 3-25 SULLA R1437 [553200]	-	-

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
29.5R25 E4** 200B TL	940473 07272	22 14.0	246 152.9	773 30.4	1862 73.3	826 32.5	5586 219.9	65 81.9	-	1142 301.7	25.00/3.5	
Bar	2.0	2.5	3.0	3.3	3.5	4.0	4.5					
<i>Psi</i>	29	36	44	47	51	58	65					
<i>Machine - Use kg - lbs</i>	ARTICULATED DUMP TRUCK											
STANDARD	7800	9050	10300	10900	11500	12750	14000					
<i>STANDARD</i>	17195	19950	22710	24030	25355	28110	30865					

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	25.00/3.5	JOINT TORIQUE OR 3-25 SULLA R1437 [553200]	-	-

IMPORTANT

The inflation pressure must always be appropriate for the load per tire, the speed of travel and the work to be done. Our recommendations above are provided subject to changes made after the date of publication of these tables (October 2020). Technical data is subject to change without prior notice.

MICHELIN XTRA DEFEND

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
750/65R25 E4 190B TL PHASED OUT	209221 32588	26 16.0	220 136.7	733 28.9	1628 64.1	720 28.3	-	55 69.3	-	-	24.00/3.0	22.00/3.0 25.00/3.0

Bar	2.5		3.0			3.3			3.5		4.0	
<i>Psi</i>	36		44			47			51		58	

Machine - Use
kg - lbs **ARTICULATED DUMP TRUCK**

STANDARD	7350		8400			8950			9500		10600	
<i>STANDARD</i>	16205		18520			19730			20945		23370	

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	24.00/3.0	JOINT TORIQUE OR 3-25 SULLA R1437 [553200]	-	-

33.25R29 E4** 209B TL	900079 45226	26 16.0	385 239.2	857 33.7	2067 81.4	922 36.3	5586 219.9	69 86.9	-	1542 407.4	27.00/3.5	
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Bar	2.0	2.5	3.0	3.5	4.0	4.3	4.5	5.0	5.5	6.0		
<i>Psi</i>	29	36	44	51	58	62	65	73	80	87		

Machine - Use
kg - lbs **TRANSPORT**

STANDARD	9500	11000	12500	14000	15500	16300	17000	18500	19250	20000		
<i>STANDARD</i>	20945	24250	27560	30865	34170	35935	37480	40785	42440	44090		

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	27.00/3.5	-	-	-

875/65R29 E4 203B TL	992223 76545	22 14.0	273 169.6	872 34.3	1884 74.2	823 32.4	-	60 75.0	-	1330 351.3	27.00/3.0	27.00/3.5 28.00/3.5
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Bar	2.0	2.5	3.0	3.5	4.0	4.5						
<i>Psi</i>	29	36	44	51	58	65						

Machine - Use
kg - lbs **ARTICULATED DUMP TRUCK**

STANDARD	9000	10600	12250	13800	15500	17100						
<i>STANDARD</i>	19840	23370	27005	30425	34170	37700						

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	27.00/3.0	JOINT TORIQUE OR 3-29 SULKY R1439 [553202]	-	-

IMPORTANT

The inflation pressure must always be appropriate for the load per tire, the speed of travel and the work to be done. Our recommendations above are provided subject to changes made after the date of publication of these tables (October 2020). Technical data is subject to change without prior notice.

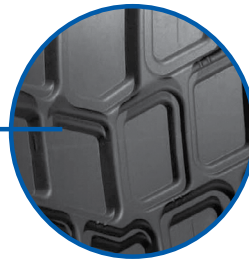
MICHELIN XS SAND



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



For Articulated Dump Trucks



HIGH LEVEL OF MOBILITY

Wide tread

Greater ground contact area

Multi-facet tread pattern
with staggered tread blocks



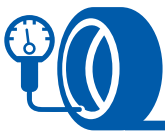
HIGH PRODUCTIVITY

Strong, flexible radial casing

Heavy loads at low
inflation pressures

Optimized sidewall

Resistance to hot climatic
conditions and ultra
violet light



FLOTATION

Wide tread band and large
air volume

Optimized distribution of
ground pressure constraints

Low ground contact pressure

MICHELIN XS SAND

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
18.00R25 E7 TL	276450	-	-	492 19.4	1600 63.0	722 28.4	4831 190.2	21 26.5	641 25.2	532 140.5	13.00/2.5	15.00/2.5
Bar	1.0				1.5						2.0	
<i>Psi</i>	15				22						29	
<i>Machine - Use kg - lbs</i>	DESERT CONDITIONS (65 KM/H MAX.)											
SAND	3600				5050						6350	
<i>SAND</i>	7935				11135						14000	
SAND DUAL	3240				4545						5715	
<i>SAND DUAL</i>	7145				10020						12600	

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	13.00/2.5	JOINT TORIQUE OR 3-25 SULLA R1437 [553200]	-	-

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
21.00R25 E7 TL	276670	-	-	558 22.0	1750 68.9	767 30.2	5226 205.7	19 23.9	-	700 184.9	15.00/3.0	
Bar	1.0				1.5						2.0	
<i>Psi</i>	15				22						29	
<i>Machine - Use kg - lbs</i>	DESERT CONDITIONS (65 KM/H MAX.)											
SAND	4250				6000						7600	
<i>SAND</i>	9370				13230						16755	
SAND DUAL	3825				5400						6840	
<i>SAND DUAL</i>	8435				11905						15080	

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	15.00/3.0	JOINT TORIQUE OR 3-25 SULLA R1437 [553200]	-	-

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
29.5R25 E7 196E TL	458236 45496	-	-	747 29.4	1820 71.7	796 31.3	5431 213.8	22 27.7	-	1200 317.0	25.00/3.5	
Bar	2.0		2.3		2.5				2.7		2.9	
<i>Psi</i>	29		33		36				39		42	
<i>Machine - Use kg - lbs</i>	DESERT CONDITIONS (65 KM/H MAX.)											
SAND	11000		12000		12500				13000		14000	
<i>SAND</i>	24250		26455		27560				28660		30865	

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	25.00/3.5	JOINT TORIQUE OR 3-25 SULLA R1437 [553200]	-	-

IMPORTANT

The inflation pressure must always be appropriate for the load per tire, the speed of travel and the work to be done. Our recommendations above are provided subject to changes made after the date of publication of these tables (October 2020). Technical data is subject to change without prior notice.

MICHELIN XTS



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



For Articulated Dump Trucks and Scrapers



**IMPROVED
DURABILITY**

**BETTER RESISTANCE
TO DAMAGE AND
ABRASION**

Square shoulders and
protective sidewall bands



**INCREASED
TRACTION
AND ADHESION**

**SELF CLEANING
TREAD PATTERN**

Open tread design with
widely spaced tread blocks



EXTENDED LIFE

IMPROVED WEAR RATE

Extra deep tread composed
of special new rubber
compounds

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
29.5R29 E3** TL	708648 46731	29 18.0	348 216.2	765 30.1	1963 77.3	869 34.2	5884 231.7	43 54.2	-	1300 343.4	25.00/3.5	24.00/3.5
Bar	2.0	2.5	3.0	3.5	4.0	4.3	4.5	5.0	5.5	5.5		
Psi	29	36	44	51	58	62	65	73	80	80		
Machine - Use kg - lbs	TRANSPORT											
STANDARD	9150 20170	10325 22765	11500 25355	12650 27890	13850 30535	14425 31800	15000 33070	16150 35605	16750 36925			
STANDARD	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	25.00/3.5	JOINT TORIQUE OR 3-29 SULKY R1439 [553202]	-	-

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
33.25R29 E3** TL	871916 76725	29 18.0	429 266.6	873 34.4	2068 81.4	923 36.3	6218 244.8	51 64.3	-	1640 433.2	27.00/3.5	
Bar	2.0	2.5	3.0	3.5	4.0	4.3	4.5	5.0	5.5	6.0		
Psi	29	36	44	51	58	62	65	73	80	87		
Machine - Use kg - lbs	TRANSPORT											
STANDARD	9500 20945	11000 24250	12500 27560	14000 30865	15500 34170	16300 35935	17000 37480	18500 40785	19250 42440	20000 44090		
STANDARD	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	27.00/3.5	JOINT TORIQUE OR 3-29 SULKY R1439 [553202]	-	-

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
29.5R35 E3** TL	631225 64173	29 18.0	371 230.5	777 30.6	2116 83.3	943 37.1	6539 257.4	45 56.7	-	1494 394.7	25.00/3.5	27.00/3.5
Bar	3.5	3.8	4.0	4.3	4.5	5.0	5.5	5.5				
Psi	51	54	58	62	65	73	80	80				
Machine - Use kg - lbs	TRANSPORT											
STANDARD	13200 29100	13900 30645	14600 32185	15300 33730	16000 35275	17400 38360	18100 39905					
STANDARD	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	25.00/3.5	JOINT TORIQUE OR 3-35 STRASS R1441 [553204]	-	-

IMPORTANT

The inflation pressure must always be appropriate for the load per tire, the speed of travel and the work to be done. Our recommendations above are provided subject to changes made after the date of publication of these tables (October 2020). Technical data is subject to change without prior notice.

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
37.25R35 E3** TL	540244 54190	29 18.0	540 335.5	956 37.6	2370 93.3	1070 42.1	7157 281.8	59 74.3	-	2400 634.0	31.00/4.0	29.00/3.5
Bar	3.8	4.0	4.3	4.5	5.0	5.5	6.0	6.5				
<i>Psi</i>	54	58	62	65	73	80	87	94				
<i>Machine - Use kg - lbs</i>	TRANSPORT											
STANDARD	17950	18500	19350	20200	21900	23600	24450	25300				
<i>STANDARD</i>	39575	40785	42660	44535	48280	52030	53905	55775				
TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim		O-ring / Grommet [CAI]			Tube [CAI]		Flap [CAI]				
	31.00/4.0		JOINT TORIQUE OR 3-35 STRASS R1441 [553204]			-		-				

IMPORTANT

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MICHELIN XMS



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



For Scrapers



MAXIMUM RESISTANCE

The square tread contour protects shoulders and sidewalls from damage



EXCELLENT LATERAL GRIP

The edges of the circumferential tread pattern offer exceptional lateral grip



OPTIMAL COMFORT

Staggered tread blocks provide excellent operator comfort



EXTENDED TIRE LIFE

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

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
40.5/75R39 E3** B TL	379296 93211	33 21.0	766 476.0	998 39.3	2588 101.9	1151 45.3	7770 305.9	51 64.3	-	2940 776.7	32.00/4.5	
Bar	3.0	3.5	4.0	4.3	4.5	5.0	5.5	6.0				
<i>Psi</i>	44	51	58	62	65	73	80	87				
<i>Machine - Use kg - lbs</i>	TRANSPORT											
STANDARD	20200	22400	24600	25700	26800	29000	30100	31200				
<i>STANDARD</i>	44535	49385	54235	56660	59085	63935	66360	68785				
TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim		O-ring / Grommet [CAI]			Tube [CAI]		Flap [CAI]				
	32.00/4.5		JOINT TORIQUE OR 3-39 FUODI R1069 [553206]			-		-				

IMPORTANT

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MICHELIN XRS



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



For Scrapers



LONGEVITY

**A THICK,
TOUGH TREAD**

Additional volume of tread rubber available for wear



PRODUCTIVITY

Deep open tread pattern with staggered blocks



DAMAGE RESISTANCE

Better protection against cuts and side wall damage

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
37.25R35 E4** B TL PHASED OUT	123673 75762	22 14.0	415 257.9	947 37.3	2364 93.1	1063 41.9	7127 280.6	53 66.8	-	2250 594.4	31.00/4.0	29.00/3.5
Bar	3.8	4.0	4.3	4.5	5.0	5.5	6.0	6.5				
<i>Psi</i>	54	58	62	65	73	80	87	94				
<i>Machine - Use kg - lbs</i>	TRANSPORT											
STANDARD	17950	18500	19350	20200	21900	23600	24450	25300				
<i>STANDARD</i>	39575	40785	42660	44535	48280	52030	53905	55775				
37.5R39 E4** TL PHASED OUT	856011 45909	22 14.0	453 281.5	976 38.4	2517 99.1	1129 44.4	7583 298.5	56 70.6	-	2624 693.2	32.00/4.5	
Bar	3.0	3.5	4.0	4.3	4.5	5.0	5.5	6.0				
<i>Psi</i>	44	51	58	62	65	73	80	87				
<i>Machine - Use kg - lbs</i>	TRANSPORT											
STANDARD	18100	20000	21900	22900	23850	25750	26700	27650				
<i>STANDARD</i>	39905	44090	48280	50485	52580	56770	58865	60960				
TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim		O-ring / Grommet [CAI]			Tube [CAI]			Flap [CAI]			
	32.00/4.5		JOINT TORIQUE OR 3-39 FUODI R1069 [553206]			-			-			

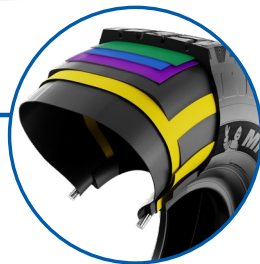
IMPORTANT

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MICHELIN X-CRANE 2



**THE TIRE THAT KEEPS
YOU DRIVING WITH
CONFIDENCE AND FOR
LONGER**



For Mobile Tower Cranes and All Terrain Cranes



SAFETY

A new design that allows for greater mobility and integrates REGENION technology for the R25 size, and DURACOIL technology for the R22.5 size.



PRODUCTIVITY

Thanks to its new casing, this tire supports higher loads while minimizing heat buildup.⁽¹⁾



TREAD TRACTION

Lower rolling resistance that helps reduce CO2 emissions.



⁽²⁾

TIRE SIZES: 445/75R22.5, 445/95R25

¹ Comparison based on a 445/95R25 178F X-CRANE 2 at its nominal speed «F 80 km/h» versus a 445/95R25 174F X-CRANE+.

² 3PMSF only applies to the MICHELIN 445/75 R22.5 X-CRANE 2 173J (174G) TL.

MICHELIN X-CRANE 2

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
445/75 R 22.5 173J/174G TL	763336	-	-	462 18.2	1232 48.5	567 22.3	3747 147.5	14.9 18.8	-	294 77.7	14.00X22.5	-
Bar	4		5		6		7		8		9	
<i>Psi</i>	58		73		87		102		116		131	
Machine - use kg - lbs	CRANE AND SIMILAR SPECIALIZED MACHINE											
STATIC	5700		7000		8100		9200		10300		11300	
	12569		15435		17861		20286		22712		24917	
5 km/h	5100		6200		7300		8300		9300		10200	
<i>3 mph</i>	11246		13671		16097		18302		20507		22491	
10 km/h	4400		5400		6400		7300		8200		9100	
<i>6 mph</i>	9702		11907		14112		16097		18081		20066	
20 km/h	4000		4800		5700		6500		7300		8100	
<i>12 mph</i>	8820		10584		12569		14333		16097		17861	
30 km/h	3500		4300		5000		5800		6500		7200	
<i>20 mph</i>	7718		9482		11025		12789		14333		15876	
40 km/h	3300		4000		4700		5400		6100		6700	
<i>25 mph</i>	7277		8820		10364		11907		13451		14774	
50 km/h	3200		3900		4600		5300		6000		6600	
<i>30 mph</i>	7056		8600		10143		11687		13230		14553	
60 km/h	3200		3900		4600		5300		6000		6600	
<i>37 mph</i>	7056		8600		10143		11687		13230		14553	
70 km/h	3200		3900		4600		5300		6000		6600	
<i>44 mph</i>	7056		8600		10143		11687		13230		14553	
80 km/h	3100		3800		4500		5100		5700		6500	
<i>50 mph</i>	6836		8379		9923		11246		12569		14333	
90 km/h	3100		3800		4500		5100		5700		6500	
<i>56 mph</i>	6836		8379		9923		11246		12569		14333	
100 km/h	3100		3800		4500		5100		5700		6500	
<i>62 mph</i>	6836		8379		9923		11246		12569		14333	

IMPORTANT

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MICHELIN X-CRANE 2

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
445/95 R 25 X-CRANE 2 TL 178F MI	460886	-	-	445 17.5	1472 58	680 26.8	4484 176.5	21 26	518 20.4	350 92.5	11.00/1.7 CR	11.25/2 DC635x280 CR
Bar	6				7			8			9	
<i>Psi</i>	87				102			116			131	
Machine - use kg - lbs	CRANE AND SIMILAR SPECIALIZED MACHINE OFF THE ROAD											
STATIC												22100 48731
CREEP												18000 39690
3 km/h 2 mph												16700 36824
5 km/h 3 mph												15900 35060
10 km/h 6 mph												13800 30429
Machine - use kg - lbs	CRANE AND SIMILAR SPECIALIZED MACHINE ON THE ROAD											
30 km/h 19 mph	6880 15170				7650 16868			8575 18908				9375 20672
40 km/h 25 mph	6405 14123				7100 15656			7885 17386				8625 19018
50 km/h 31 mph	6180 13627				6900 15215			7610 16780				8400 18522
65 km/h 40 mph	5985 13197				6685 14740			7370 16251				8250 18191
70 km/h 43 mph	5845 12888				6530 14399			7200 15876				7875 17364
80 km/h 50 mph	5570 12282				6220 13715			6860 15126				7500 16538
90 km/h 56 mph	5235 11543				5845 12888			6450 14222				7050 15545
100 km/h 62 mph	4735 10441				5290 11664			5835 12866				6375 14057

Please note that the new size 445/95 R 25 will be available from May 2025.

As of the creation date of this document in 2025, the index 178F of the X-Crane 2 tire is an Experimental Standard ETRTO, identifiable by the HLM marking.

IMPORTANT

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MICHELIN X-CRANE+



For Cranes



LOWER OPERATING COSTS

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



GREATER OPERATOR COMFORT AND RELIABILITY

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

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



LESS WASTE

More environmentally friendly because tires can be regrooved

TIRE SIZES: 385/95R25, 445/95R25

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

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
385/95R25 170E TL PHASED OUT	060565	70 43.0	-	391 15.4	1365 53.7	633 24.9	4165 164.0	23 29.0	-	280 74.0	10.00/1.5	
Bar	6.0	6.5		7.0		7.5		8.0		8.5		9.0
<i>Psi</i>	87	94		102		109		116		123		131
<i>Machine - Use kg - lbs</i>	CRANE AND SIMILAR SPECIALIZED MACHINE											
STATIC	14350	15030		15700		16350		16970		17590		18180
<i>STATIC</i>	31635	33135		34615		36045		37410		38780		40080
2 KM/H CREEP	11650	12200		12740		13270		13780		14280		14760
<i>MPH CREEP</i>	25685	26895		28085		29255		30380		31480		32540
5 KM/H	10320	10810		11290		11760		12210		12650		13080
<i>3 MPH</i>	22750	23830		24890		25925		26920		27890		28835
10 KM/H	8950	9370		9790		10200		10580		10970		11340
<i>5 MPH</i>	19730	20655		21585		22485		23325		24185		25000
30 KM/H	6160	6450		6730		7010		7280		7550		7800
<i>20 MPH</i>	13580	14220		14835		15455		16050		16645		17195
40 KM/H	5870	6150		6420		6690		6940		7200		7440
<i>25 MPH</i>	12940	13560		14155		14750		15300		15875		16400
45 KM/H	5730	6000		6270		6530		6780		7020		7260
<i>MPH</i>	12630	13230		13825		14395		14945		15475		16005
50 KM/H	5590	5850		6110		6370		6610		6850		7080
<i>30 MPH</i>	12325	12895		13470		14045		14575		15100		15610
60 KM/H	5300	5560		5800		6040		6270		6500		6720
<i>35 MPH</i>	11685	12260		12785		13315		13825		14330		14815
70 KM/H	4735	4960		5180		5395		5600		5805		6000
<i>43 MPH</i>	10440	10935		11420		11895		12345		12800		13230
80 KM/H	3885	4065		4250		4425		4590		4760		4920
<i>50 MPH</i>	8565	8960		9370		9755		10120		10495		10845
90 KM/H	3315	3470		3625		3775		3920		4065		4200
<i>55 MPH</i>	7310	7650		7990		8320		8640		8960		9260
100 KM/H	2840	2975		3110		3235		3360		3485		3600
<i>62 MPH</i>	6260	6560		6855		7130		7410		7685		7935

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	10.00/1.5	JOINT TORIQUE OR 2-25 HEUPO R1438 [553201]	-	-

IMPORTANT

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MICHELIN X-CRANE+

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
385/95R25 170F TL	682834 32768	80 50.0	-	380 15.0	1365 53.7	633 24.9	4165 164.0	23 29.0	-	280 74.0	9.50/1.7 CR	10.00/1.5 11.25/1.3
Bar	5.0			6.0		7.0		8.0			9.0	
<i>Psi</i>	73			87		102		116			131	
Machine - Use kg - lbs	CRANE AND SIMILAR SPECIALIZED MACHINE											
30 KM/H <i>20 MPH</i>	4750 10470			5440 11995		6125 13505		6815 15025				7500 16535
40 KM/H <i>25 MPH</i>	4370 9635			5005 11035		5635 12425		6270 13825				6900 15210
50 KM/H <i>30 MPH</i>	4255 9380			4870 10735		5490 12105		6105 13460				6720 14815
60 KM/H <i>35 MPH</i>	4180 9215			4785 10550		5390 11885		5995 13215				6600 14550
65 KM/H <i>40 MPH</i>	4085 9005			4575 10085		5270 11620		5860 12920				6450 14220
70 KM/H <i>43 MPH</i>	3990 8795			4570 10075		5145 11345		5725 12620				6300 13890
80 KM/H <i>50 MPH</i>	3800 8380			4350 9590		4900 10805		5450 12015				6000 13230
90 KM/H <i>55 MPH</i>	3570 7870			4090 9015		4605 10150		5120 11290				5640 12435
100 KM/H <i>62 MPH</i>	3230 7120			3700 8155		4165 9180		4630 10205				5100 11245

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	9.50/1.7 CR	JOINT TORIQUE OR 2-25 HEUPO R1438 [553201]	-	-

IMPORTANT

The inflation pressure must always be appropriate for the load per tire, the speed of travel and the work to be done. Our recommendations above are provided subject to changes made after the date of publication of these tables (October 2020). Technical data is subject to change without prior notice.

MICHELIN X-CRANE+

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
445/95R25 174F TL PHASED OUT	738428 30097	80 50.0	-	442 17.4	1485 58.5	693 27.3	4542 178.8	25 31.5	-	380 100.4	11.00/1.7 CR	11.25/2 DC635x280 CR
Bar	5.0			6.0		7.0			8.0			9.0
<i>Psi</i>	73			87		102			116			131
Machine - Use kg - lbs	CRANE AND SIMILAR SPECIALIZED MACHINE											
30 KM/H 20 MPH	5340 11775		6095 13435			6850 15100			7615 16790			8375 18465
40 KM/H 25 MPH	4910 10825		5605 12355			6300 13890			7005 15445			7705 16985
50 KM/H 30 MPH	4780 10540		5460 12035			6140 13535			6820 15035			7505 16545
65 KM/H 40 MPH	4590 10120		5240 11550			5890 12985			6545 14430			7205 15885
70 KM/H 43 MPH	4485 9890		5120 11290			5755 12690			6395 14100			7035 15510
80 KM/H 50 MPH	4270 9415		4875 10750			5480 12080			6090 13425			6700 14770
90 KM/H 55 MPH	4015 8850		4580 10095			5150 11355			5725 12620			6300 13890
100 KM/H 62 MPH	3775 8320		4305 9490			4840 10670			5380 11860			5920 13050

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	11.00/1.7 CR	JOINT TORIQUE OR 3-25 SULLA R1437 [553200]	-	-

IMPORTANT

The inflation pressure must always be appropriate for the load per tire, the speed of travel and the work to be done. Our recommendations above are provided subject to changes made after the date of publication of these tables (October 2020). Technical data is subject to change without prior notice.

MICHELIN X-CRANE+

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
525/80R25 176F TL	086926 33880	80 50.0	-	528 20.8	1482 58.3	682 26.9	4508 177.5	28 35.3	-	500 132.1	17.00/1.7 CR	17.00/2.0
Bar			5.0				6.0				7.0	
<i>Psi</i>			73				87				102	
Machine - Use kg - lbs	CRANE AND SIMILAR SPECIALIZED MACHINE											
30 KM/H 20 MPH			6700 14770				7700 16975				8900 19620	
40 KM/H 25 MPH			6150 13560				7100 15655				8200 18080	
50 KM/H 30 MPH			6000 13230				6900 15210				8000 17635	
60 KM/H 35 MPH			5900 13005				6800 14990				7850 17305	
65 KM/H 40 MPH			5750 12675				6650 14660				7650 16865	
70 KM/H 43 MPH			5650 12455				6500 14330				7500 16535	
80 KM/H 50 MPH			5350 11795				6150 13560				7100 15655	
90 KM/H 55 MPH			5050 11135				5800 12785				6700 14770	
100 KM/H 62 MPH			4550 10030				5250 11575				6050 13340	

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	17.00/1.7 CR	JOINT TORIQUE OR 3-25 SULLA R1437 [553200]	-	-

IMPORTANT

The inflation pressure must always be appropriate for the load per tire, the speed of travel and the work to be done. Our recommendations above are provided subject to changes made after the date of publication of these tables (October 2020). Technical data is subject to change without prior notice.

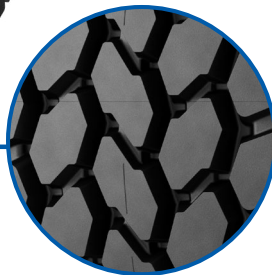
MICHELIN XGC



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



For Mobile Cranes and Special Machines



HEAT RESISTANCE

Reinforced sidewalls with bridging rubber between tread blocks



COMFORT

Reinforced sidewalls

Non-directional tread with bridging rubber between tread blocks



EXCELLENT LIFE

Versatile tread with independent tread blocks

Regroovable

TIRE SIZE: 445/80R25

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
445/80R25 170E TL	264520 30079	70 43.0	-	446 17.6	1352 53.2	625 24.6	4119 162.2	28 35.3	-	340 89.8	14.00/1.7 CR	14.00/1.5
Bar			5.0				6.0				7.0	
<i>Psi</i>			73				87				102	
Machine - Use kg - lbs	CRANE AND SIMILAR SPECIALIZED MACHINE											
30 KM/H 20 MPH			5650 12455				6750 14880				7800 17195	
40 KM/H 25 MPH			5400 11905				6450 14220				7450 16425	
50 KM/H 30 MPH			5150 11355				6150 13560				7100 15655	
60 KM/H 35 MPH			5565 12270				6030 13295				6720 14815	
65 KM/H 40 MPH			4650 10250				5550 12235				6450 14220	
70 KM/H 43 MPH			4350 9590				5200 11465				6000 13230	
80 KM/H 50 MPH			3600 7935				4250 9370				4950 10915	
90 KM/H 55 MPH			3050 6725				3650 8045				4200 9260	
100 KM/H 62 MPH			2650 5840				3150 6945				3600 7935	

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	14.00/1.7 CR	JOINT TORIQUE OR 2-25 HEUPO R1438 [553201]	-	-

IMPORTANT

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MICHELIN XMH S



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



Special Vehicles



MORE PRODUCTIVITY¹

Optimized crown structure

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

Massive tread

“Land to sea” ratio increased

Improved wear form (tread blocks) design



MORE COMFORT & TRACTION¹

Tread pattern with offset blocks and progressive contact ground



MORE SAFETY FEATURES¹

Heavily blocked tread pattern with longitudinal & lateral grooves

TIRE SIZES: 385/95R24, 385/95R25

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

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
385/95R24 E2 170E TT	957157 12407	70 43.0	-	389 15.3	1361 53.6	632 24.9	4155 163.6	24 30.2	-	284 75.0	10.00W	10.0/2.0 9.0 9.00V
Bar	5.0			6.0		7.0			8.0			9.0
<i>Psi</i>	73			87		102			116			131
Machine - Use												
kg - lbs CRANE AND SIMILAR SPECIALIZED MACHINE												
30 KM/H 20 MPH	4860 10715			5880 12965		6460 14240			7000 15430			7800 17195
40 KM/H 25 MPH	4635 10220			5610 12370		6165 13590			6675 14715			7450 16425
50 KM/H 30 MPH	4410 9720			5340 11775		5865 12930			6355 14010			7100 15655
60 KM/H 35 MPH	4190 9235			5070 11175		5565 12270			6030 13295			6720 14815
65 KM/H 40 MPH	4020 8865			4865 10725		5345 11785			5790 12765			6450 14220
70 KM/H 43 MPH	3740 8245			4525 9975		4970 10955			5385 11870			6000 13230
80 KM/H 50 MPH	3085 6805			3735 8235		4100 9040			4445 9800			4950 10915
90 KM/H 55 MPH	2620 5775			3170 6990		3480 7670			3770 8310			4200 9260
100 KM/H 62 MPH	2245 4950			2715 5985		2980 6570			3230 7120			3600 7935
385/95R25 170E TL	254174 21608	70 43.0	-	391 15.4	1361 53.6	632 24.9	4155 163.6	24 30.2	-	278 73.4	9.50/1.7 CR	10.00/1.5 11.25/1.3
Bar	5.0			6.0		7.0			8.0			9.0
<i>Psi</i>	73			87		102			116			131
Machine - Use												
kg - lbs CRANE AND SIMILAR SPECIALIZED MACHINE												
30 KM/H 20 MPH	4860 10715			5880 12965		6460 14240			7000 15430			7800 17195
40 KM/H 25 MPH	4635 10220			5610 12370		6165 13590			6675 14715			7450 16425
50 KM/H 30 MPH	4410 9720			5340 11775		5865 12930			6355 14010			7100 15655
60 KM/H 35 MPH	4190 9235			5070 11175		5565 12270			6030 13295			6720 14815
65 KM/H 40 MPH	4020 8865			4865 10725		5345 11785			5790 12765			6450 14220
70 KM/H 43 MPH	3740 8245			4525 9975		4970 10955			5385 11870			6000 13230
80 KM/H 50 MPH	3085 6805			3735 8235		4100 9040			4445 9800			4950 10915
90 KM/H 55 MPH	2620 5775			3170 6990		3480 7670			3770 8310			4200 9260
100 KM/H 62 MPH	2245 4950			2715 5985		2980 6570			3230 7120			3600 7935
TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim		O-ring / Grommet [CAI]			Tube [CAI]			Flap [CAI]			
	9.50/1.7 CR		JOINT TORIQUE OR 2-25 HEUPO R1438 [553201]			-			-			

IMPORTANT

The inflation pressure must always be appropriate for the load per tire, the speed of travel and the work to be done. Our recommendations above are provided subject to changes made after the date of publication of these tables (October 2020). Technical data is subject to change without prior notice.

MICHELIN X LISSE COMPACTEUR



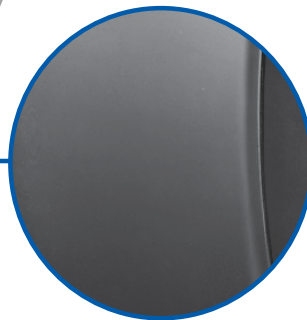
**A SLICK RADIAL
TIRE FOR
COMPACTORS**



Robust tread and shoulders give more resistance to cuts and perforations

MICHELIN® Radial structure improves tire life

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



For Compactor



**EXCELLENT
FINISHING**

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



**REDUCTION
IN MACHINE
DOWNTIME**

The specialized design of the crown gives excellent resistance to heat



**REDUCTION IN
OPERATING COST**

Wear indicators in the tire tread facilitate tread wear assessment

MICHELIN X LISSE COMPACTEUR

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
7.50R15 C1 TT	123461 12568	-	-	198 7.8	770 30.3	338 13.3	2324 91.5	9 11.3	-	40 10.6	6.0	5.5* 6.00S 6.5
Bar	3.0	3.5	3.8	4.0	4.5	5.0	5.5	6.0	7.0	8.0		
Psi	44	51	54	58	65	73	80	87	102	116		
Machine - Use kg - lbs	COMPACTOR											
10 KM/H 5 MPH	1250 2755	1400 3085	1470 3240	1540 3395	1680 3705	1830 4035	1970 4345	2120 4675	2420 5335	2725 6010		
15 KM/H 10 MPH	1020 2250	1135 2500	1190 2625	1250 2755	1375 3030	1500 3305	1600 3525	1700 3750	1980 4365	2180 4805		

*OTHER APPROVED RIMS: B6.5

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
13/80R20 C1 TT	240750 06569	-	-	322 12.7	1050 41.3	470 18.5	3160 124.4	12 15.1	-	140 37.0	9.0	7.33V-7.5* 8.00V-8.5 9.00V-10.0- 10.00V
Bar	3.0	4.0	5.0	6.0	7.0	8.0	8.5	9.0				
Psi	44	58	73	87	102	116	123	131				
Machine - Use kg - lbs	COMPACTOR											
10 KM/H 5 MPH	2520 5555	3100 6835	3660 8070	4260 9390	4840 10670	5420 11950	5710 12590	6000 13230				
15 KM/H 10 MPH	2240 4940	2760 6085	3260 7185	3790 8355	4310 9500	4820 10625	5000 11025					

*OTHER APPROVED RIMS: B7.5-8.0, B8.0-8.0V, B8.5-8.50V

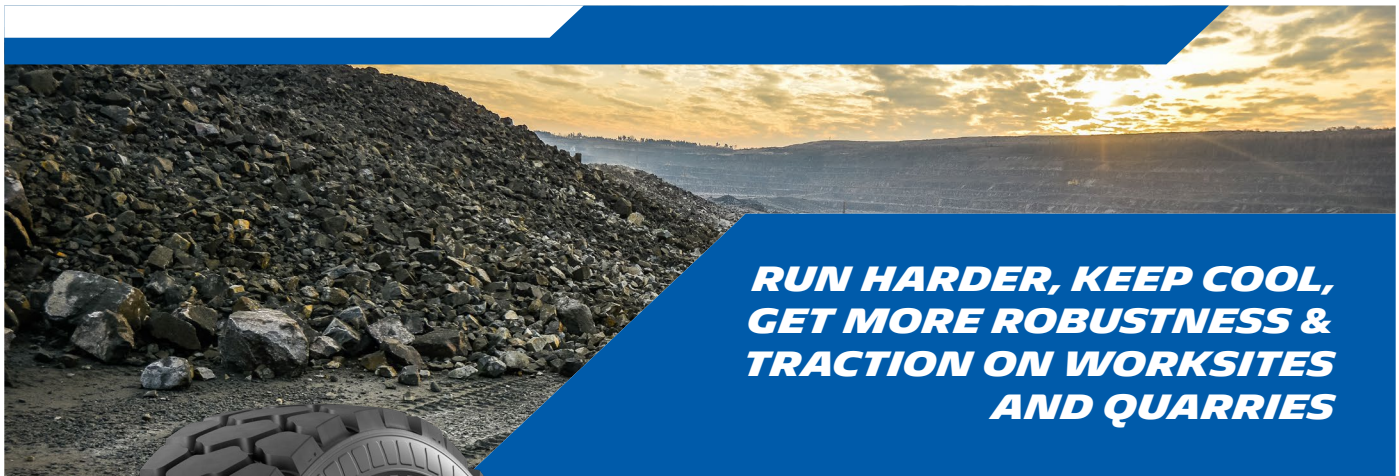
TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	9.0	JOINT CORNIERE A-20 TYRAN R1443 [553004]	-	-

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
15.00R24 C1 TT	252211 23826	-	-	415 16.3	1334 52.5	592 23.3	4002 157.6	21 26.5	-	320 84.5	10.0	10.00W* 10.0W 9.0
Bar	3.0	4.0	5.0	6.0	6.5	7.0	7.5	8.0	8.5			
Psi	44	58	73	87	94	102	109	116	123			
Machine - Use kg - lbs	COMPACTOR											
10 KM/H 5 MPH	5320 11730	6540 14420	7750 17085	8965 19765	9570 21100	10180 22445	10790 23790	11390 25110	12000 26455			
15 KM/H 10 MPH	4740 10450	5820 12830	6900 15210	7980 17595	8520 18785							

*OTHER APPROVED RIMS: 9.00V

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	10.0	JOINT CORNIERE G-25 ICERU R1237 [553012]	-	-

MICHELIN X FORCE ZH



**RUN HARDER, KEEP COOL,
GET MORE ROBUSTNESS &
TRACTION ON WORKSITES
AND QUARRIES**



For engineering vehicle, concrete pump, concrete truck/ concrete mixer, self-loading mixer, fire rigid truck, utility rigid truck



MOBILITY

The right pressure whatever the terrain

From 2.9 to 6.9 bars¹
(From 42 to 100 PSI)

From sand to road, keep always the right pressure to optimise the contact patch & enhance your mobility



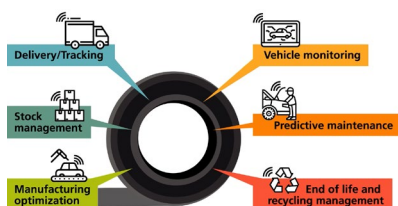
COMPATIBLE WITH CTIS

from TELEFLOW
CALL OF MOBILITY

ENERGY EFFICIENCY

Traceability, efficiency & safety throughout tire lifecycle

Efficiency and operation optimisation of tire management during the whole lifecycle



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TIRE SIZE: 325/95 R 24



ROBUSTNESS

Increased TKPH (Ton
Kilometre Per Hour)

+28%² of TKPH for
MICHELIN X FORCE ZH vs
MICHELIN XDL without
compromising tire life

¹ Conditions: Load: 4250 kg (9370 lbs)/ per tire in single mounting; Tested size: 325/95 R 24

² Conditions: Load capacity comparison between 325/95 R 24 MICHELIN X FORCE ZH & 12.00 R 24 MICHELIN XDL

MICHELIN X FORCE ZH

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION		CAI	MSPN	NOMINAL LOAD PER AXLE (SINGLE TIRE)		NOMINAL LOAD PER AXLE (DUAL TIRE)		NOMINAL SPEED		RECOMMENDED PRESSURE		RECOMMENDED RIM
				KG	LBS	KG	LBS	KM/H	MPH	BAR	PSI	
13 R22.5	X FORCE ZH TL 154/150G	308831	-	7500	16540	13400	29560	90	55	8.0	116	9.00
315/80 R22.5	X FORCE ZH TL 156/150G	668200	-	8000	17640	13400	29560	90	56	8.5	123	9.00
325/95 R24	X FORCE ZH TL 167/164F	396741	35344	10900	24000	20000	44000	80	50	9.0	130	9.00

MICHELIN X FORCE ZL /
X FORCE Z / XZL / XZL+

**SPECIALLY DESIGNED FOR
OFF-ROAD VEHICLES THAT
DRIVE ON ALL TERRAIN
AND REQUIRE MAXIMUM
MOBILITY & ROBUSTNESS**



For fire rigid truck, utility rigid truck,
engineering vehicle



SAFETY



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Run-flat test following
finabel protocol

+50%¹ km performance for
MICHELIN X FORCE ZL vs
MICHELIN XZL+

Run flat test: 3km at
90km/h, 22km at 50km/h
and 25km/h until the end
of the test



**COMPATIBLE
WITH CTIS**

from **TELEFLOW**
CALL OF MOBILITY



MOBILITY

+13%³ Better acceleration
ratio

Ratio: (Distance to reach 25km/h, starting from
10km/h with SRTT)/Distance to reach 25km/h,
starting from 10km/h with tested tire) on
compacted snow, average of 6 runs



VERSATILITY



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Resistance to aggressions
-25%² Tread loss weight
Result after 6 runs on rocky
slope

TIRE SIZES: 14.00 R 20, 16.00 R 20

¹ Conditions "Finabel" protocol with drilled tires (not shot) lead in real conditions / Vehicle: Unimog 4x4; Load: 5000 kg; Tested size: 14.00 R 20

² Condition: full acceleration on a rocky slope/Vehicle: Unimog 4x4; Load: 5000 kg; Tested size: 14.00 R 20

³ Condition: 3PMSF protocol with SRTT 315/70 / Vehicle: Volvo FM500; Load: 5000 kg; Tested size: 14.00 R 20

TECHNICAL CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION		CAI	MSPN	NOMINAL LOAD PER AXLE (SINGLE TIRE)		NOMINAL LOAD PER AXLE (DUAL TIRE)		NOMINAL SPEED		RECOMMENDED PRESSURE		RECOMMENDED RIM
				KG	LBS	KG	LBS	KM/H	MPH	BAR	PSI	
FLAT EDGE RIM												
255/100 R16	XZL TL 126K	110650	70864	3400	7496	-	-	110	68	4.5	65	6.50H
325/85 R16	X® FORCE Z TL 140K	881538	09051	5000	11020	-	-	110	68	5.0	75	9.00
11.00 R16	XZL TL 135K	109142	-	4360	9610	-	-	110	68	5.5	80	6.50H
275/80 R20	X® FORCE ZL TL 137/135K MPT	825919	-	4600	10140	8720	19220	110	68	5.5	80	9.00W
335/80 R20	X® FORCE ZL TL 150K MPT	420813	25677	6700	14780	-	-	110	68	6.5	94	11.00
365/80 R20	X® FORCE ZL TL 158K MPT	892903	59234	8500	18740	-	-	110	68	6.5	94	11.00
	XZL TL 152K MPT	110081	97627	7100	15660	-	-	110	68	6.0	90	11.00
365/85 R20	X® FORCE ZL TL 164K	229101	87016	10000	22000	-	-	110	68	7.6	110	10.00W
	XZL TL 164G	109374	56389	10000	22000	-	-	90	55	7.5	116	10.00W
395/85 R20	X® FORCE ZL TL 168/165K	364636	91291	11200	24600	20600	45600	110	68	8.6	125	10.00W
	XZL TL 168G	110013	54331	11200	24600	-	-	90	55	8.5	120	10.00W
12.00 R20	XZL TL 154/149K	110132	02383	7500	16540	13000	28640	110	68	8.5	120	8.50
14.00 R20	X® FORCE ZL TL 168/165K	249003	38644	11200	24600	20600	45600	110	68	8.6	125	10.00W
	XZL+ TL 164/160J	323281	71701	10000	22000	18000	39680	100	62	7.6	110	10.00W
16.00 R20	X® FORCE ZL TL 174/171J	143659	06799	13400	29600	24600	54400	100	62	7.6	110	10.00W
	XZL TL 173/170G	123357	06306	13000	29080	24000	52920	90	55	7.5	110	10.00W
24.00 R21	XZL TL 176G	110257	76025	14200	31400	-	-	90	55	6.0	85	18.00
415/80 R685 TR	X® FORCE ZL TL 168K	275224	-	11200	24600	-	-	110	68	8.5	123	230-685TR
DROP CENTRE RIM												
13 R22.5	XZL TL 154/150K	109668	-	7500	16540	13400	29560	110	68	8.0	120	9.00
445/65 R22.5	XZL TL 168G	110142	84103	11200	24600	-	-	90	60	8.0	120	14.00

OTHER PRODUCTS

MICHELIN X-CRANE AT

TIRE CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
385/95R24 170F TT PHASED OUT	778245 93770	80 50.0	-	376 14.8	1361 53.6	631 24.8	4153 163.5	23 29.0	-	284 75.0	10.00W	10.0 11.25/1.3
Bar	5.0			6.0		7.0			8.0			9.0
<i>Psi</i>	73			87		102			116			131
<i>Machine - Use kg - lbs</i>	CRANE AND SIMILAR SPECIALIZED MACHINE											
30 KM/H 20 MPH	4750 10470			5440 11995			6125 13505		6815 15025			7500 16535
40 KM/H 25 MPH	4370 9635			5005 11035			5635 12425		6270 13825			6900 15210
50 KM/H 30 MPH	4255 9380			4870 10735			5490 12105		6105 13460			6720 14815
60 KM/H 35 MPH	4180 9215			4785 10550			5390 11885		5995 13215			6600 14550
65 KM/H 40 MPH	4085 9005			4675 10305			5270 11620		5860 12920			6450 14220
70 KM/H 43 MPH	3990 8795			4570 10075			5145 11345		5725 12620			6300 13890
80 KM/H 50 MPH	3800 8380			4350 9590			4900 10805		5450 12015			6000 13230
90 KM/H 55 MPH	3570 7870			4090 9015			4605 10150		5120 11290			5640 12435
100 KM/H 62 MPH	3230 7120			3700 8155			4165 9180		4630 10205			5100 11245

IMPORTANT

The inflation pressure must always be appropriate for the load per tire, the speed of travel and the work to be done. Our recommendations above are provided subject to changes made after the date of publication of these tables (October 2020). Technical data is subject to change without prior notice.

MICHELIN X-HAUL

TIRE CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
18.00R33 E4** TL PHASED OUT	205207 58887	30 19.0	262 162.8	495 19.5	1860 73.2	856 33.7	5657 222.7	49 61.7	624 24.6	605 159.8	13.00/2.5	
Bar	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5				
<i>Psi</i>	58	65	73	80	87	94	102	109				
<i>Machine - Use kg - lbs</i>	TRANSPORT											
STANDARD	7950	8700	9400	10150	10900	11270	11650	12000				
<i>STANDARD</i>	17525	19180	20725	22375	24030	24845	25685	26455				
TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim		O-ring / Grommet [CAI]			Tube [CAI]		Flap [CAI]				
	13.00/2.5		JOINT TORIQUE OR 3-33 STRIX R1440 [553203]			-		-				

MICHELIN X-HAUL S

TIRE CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
21.00R33 E4** TL PHASED OUT	612785 08931	25 16.0	280 174.0	550 21.7	1966 77.4	895 35.2	5955 234.4	53 66.8	697 27.4	820 216.6	15.00/3.0	
Bar	4.0	4.5	5.0	5.5	6.0	6.5	7.0					
<i>Psi</i>	58	65	73	80	87	94	102					
<i>Machine - Use kg - lbs</i>	TRANSPORT											
STANDARD	9315	10250	11185	12125	13065	14000	14470					
<i>STANDARD</i>	20535	22595	24660	26730	28805	30865	31900					
TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim		O-ring / Grommet [CAI]			Tube [CAI]		Flap [CAI]				
	15.00/3.0		JOINT TORIQUE OR 3-33 STRIX R1440 [553203]			-		-				

IMPORTANT

The inflation pressure must always be appropriate for the load per tire, the speed of travel and the work to be done. Our recommendations above are provided subject to changes made after the date of publication of these tables (October 2020). Technical data is subject to change without prior notice.

MICHELIN X-QUARRY

TIRE CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
16.00R25 E4** TL PHASED OUT	692021 17555	16 10.0	93 57.8	437 17.2	1542 60.7	707 27.8	4683 184.4	48 60.5	564 22.2	380 100.4	11.25/2.0	13.00/2.0
Bar	3.5	4.0			4.5		5.0			5.5		6.0
<i>Psi</i>	51	58			65		73			80		87
Machine - Use kg - lbs	QUARRY TRANSPORT											
30 KM/H 20 MPH	5300 11685	5800 12785			6300 13890		6800 14990			7300 16095		7800 17195

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	11.25/2.0	JOINT TORIQUE OR 3-25 SULLA R1437 [553200]	-	-

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
18.00R33 E4** TL PHASED OUT	873291 15155	19 12.0	166 103.1	511 20.1	1864 73.4	867 34.1	5693 224.1	62 78.1	624 24.6	600 158.5	13.00/2.5	
Bar	4.0	4.5	5.0		5.5		6.0		6.5	7.0		7.5
<i>Psi</i>	58	65	73		80		87		94	102		109
Machine - Use kg - lbs	TRANSPORT											
STANDARD STANDARD	7950 17525	8700 19180	9400 20725		10150 22375		10900 24030		11270 24845	11650 25685		12000 26455

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	13.00/2.5	JOINT TORIQUE OR 3-33 STRIX R1440 [553203]	-	-

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
21.00R35 E4** TL PHASED OUT	765959 79316	19 12.0	220 136.7	599 23.6	2068 81.4	934 36.8	6245 245.9	67 84.4	703 27.7	952 251.5	15.00/3.0	17.00/3.0
Bar	4.5	5.0			5.5		6.0			6.5		7.0
<i>Psi</i>	65	73			80		87			94		102
Machine - Use kg - lbs	TRANSPORT											
STANDARD STANDARD	11450 25245	12450 27450			13500 29760		14500 31965			15000 33070		15500 34170

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	15.00/3.0	JOINT TORIQUE OR 3-35 STRASS R1441 [553204]	-	-

IMPORTANT

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MICHELIN X-SUPER TERRAIN+

TIRE CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
26.5R25 E4** 193B TL PHASED OUT	039476 35486	24 15.0	221 137.3	691 27.2	1749 68.9	783 30.8	5266 207.3	54 68.0	-	862 227.7	22.00/3.0	22.00/3.0 IF
Bar	2.5	3.0		3.3		3.5		4.0		4.5		5.0
<i>Psi</i>	36	44		47		51		58		65		73
<i>Machine - Use kg - lbs</i>	ARTICULATED DUMP TRUCK											
STANDARD	6500	7500		8000		8500		9500		10500		11500
<i>STANDARD</i>	14330	16535		17635		18740		20945		23150		25355

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	22.00/3.0	JOINT TORIQUE OR 3-25 SULLA R1437 [553200]	-	-

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
800/80R29 E4** 206B TL PHASED OUT	952451 04779	26 16.0	353 219.3	805 31.7	2002 78.8	888 35.0	6005 236.4	67 84.4	-	1315 347.4	27.00/3.5	25.00/3.5
Bar	3.0	3.3	3.5	3.7	4.0	4.3	4.5	4.8		5.0		5.3
<i>Psi</i>	44	47	51	54	58	62	65	69		73		76
<i>Machine - Use kg - lbs</i>	ARTICULATED DUMP TRUCK											
STANDARD	12500	13200	14000	14700	15500	16300	17000	17800		18500		19000
<i>STANDARD</i>	27560	29100	30865	32410	34170	35935	37480	39240		40785		41890

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	27.00/3.5	JOINT TORIQUE OR 3-29 SULKY R1439 [553202]	-	-

IMPORTANT

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MICHELIN X-SUPER TERRAIN AD

TIRE CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
23.5R25 E4** 185B TL PHASED OUT	769360 13954	26 16.0	-	603 23.7	1623 63.9	728 28.7	4890 192.5	51 64.3	-	650 171.7	19.50/2.5	
Bar	2.0	2.5	3.0	3.5	3.8	4.0	4.5	5.0	5.5			
<i>Psi</i>	29	36	44	51	54	58	65	73	80			
<i>Machine - Use kg - lbs</i>	ARTICULATED DUMP TRUCK											
STANDARD	5650	6380	7100	7800	8175	8550	9250	9950	10350			
<i>STANDARD</i>	12455	14065	15655	17195	18025	18850	20395	21935	22820			
TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim		O-ring / Grommet [CAI]			Tube [CAI]		Flap [CAI]				
	19.50/2.5		JOINT TORIQUE OR 3-25 SULLA R1437 [553200]			-		-				

MICHELIN XADN

TIRE CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
20.5R25 E3** 177B TL	123407	28 17.0	164 101.9	528 20.8	1490 58.7	667 26.3	4485 176.6	36 45.4	-	474 125.2	17.00/2.0	
Bar	2.0	2.5	3.0	3.5	4.0	4.3	4.5					
<i>Psi</i>	29	36	44	51	58	62	65					
<i>Machine - Use kg - lbs</i>	ARTICULATED DUMP TRUCK											
STANDARD	4750	5250	5750	6250	6800	7050	7300					
<i>STANDARD</i>	10470	11575	12675	13780	14990	15545	16095					
TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim		O-ring / Grommet [CAI]			Tube [CAI]		Flap [CAI]				
	17.00/2.0		JOINT TORIQUE OR 3-25 SULLA R1437 [553200]			-		-				

IMPORTANT

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TIRE CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
20.5R25 E4** 177B TL PHASED OUT	123335 80740	22 14.0	128 79.5	527 20.7	1492 58.7	667 26.3	4489 176.7	44 55.4	-	455 120.2	17.00/2.0	
Bar	2.0	2.5		3.0		3.5		4.0		4.3		4.5
<i>Psi</i>	29	36		44		51		58		62		65
<i>Machine - Use kg - lbs</i>	ARTICULATED DUMP TRUCK											
STANDARD	4750	5250		5750		6250		6800		7050		7300
<i>STANDARD</i>	10470	11575		12675		13780		14990		15545		16095

IMPORTANT

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TIRE CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
33.00R51 E3** C4 TL	645788 28097	45 28.0	1395 866.8	889 35.0	2966 116.8	1318 51.9	8903 350.5	48 60.5	1107 43.6	-	24.00/5.0 [4.4]	24.00/5.0 [3.9]
Bar	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5			
<i>Psi</i>	51	58	65	73	80	87	94	102	109			
<i>Machine - Use kg - lbs</i>	TRANSPORT											
STANDARD	25550	28200	30800	33450	36600	38750	40100	41400				
<i>STANDARD</i>	56330	62170	67900	73745	80690	85430	88405	91270				

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	24.00/5.0 [4.4]	JOINT TORIQUE OR 4-51 R1479 [553210]	-	-

36.00R51 E3** B TL	320300 59360	37 23.0	1369 850.7	1008 39.7	3145 123.8	1376 54.2	9388 369.6	57 71.8	1225 48.2	3980 1051.4	26.00/5.0	
Bar	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5			
<i>Psi</i>	51	58	65	73	80	87	94	102	109			
<i>Machine - Use kg - lbs</i>	TRANSPORT											
STANDARD	30450	33600	36800	39950	43100	46250	47850	49400	51000			
<i>STANDARD</i>	67130	74075	81130	88075	95020	101965	105490	108910	112435			

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	26.00/5.0	JOINT TORIQUE OR 4-51 R1479 [553210]	-	-

36.00R51 E3** C4 TL	975610 00557	40 25.0	1480 919.6	1008 39.7	3145 123.8	1376 54.2	9388 369.6	57 71.8	1225 48.2	3980 1051.4	26.00/5.0	
Bar	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5			
<i>Psi</i>	51	58	65	73	80	87	94	102	109			
<i>Machine - Use kg - lbs</i>	TRANSPORT											
STANDARD	30450	33600	36800	39950	43100	46250	47850	49400	51000			
<i>STANDARD</i>	67130	74075	81130	88075	95020	101965	105490	108910	112435			

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	26.00/5.0	JOINT TORIQUE OR 4-51 R1479 [553210]	-	-

IMPORTANT

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TIRE CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
40.00R57 E3** B TL	731362 87933	37 23.0	1776 1103.6	1107 43.6	3491 137.4	1528 60.2	10422 410.3	63 79.4	1365 53.7	5628 1486.8	29.00/6.0 [5.7]	29.00/6.0 [5.2] 32.00/6.0

Bar	4.0	4.5	5.0	5.5	6.0	6.5	7.0
Psi	58	65	73	80	87	94	102

Machine - Use
kg - lbs TRANSPORT

STANDARD	43650	47750	51850	55950	60000	62050	64100
STANDARD	96230	105270	114310	123350	132275	136795	141315

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	29.00/6.0 [5.7]	JOINT TORIQUE OR 4-57 R1481 [553211]	-	-

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
40.00R57 E3** C4 TL	835698 51763	40 25.0	1920 1193.0	1107 43.6	3491 137.4	1528 60.2	10422 410.3	63 79.4	1365 53.7	5628 1486.8	29.00/6.0 [5.7]	29.00/6.0 [5.2] 32.00/6.0

Bar	4.0	4.5	5.0	5.5	6.0	6.5	7.0
Psi	58	65	73	80	87	94	102

Machine - Use
kg - lbs TRANSPORT

STANDARD	43650	47750	51850	55950	60000	62050	64100
STANDARD	96230	105270	114310	123350	132275	136795	141315

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	29.00/6.0 [5.7]	JOINT TORIQUE OR 4-57 R1481 [553211]	-	-

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
40.00R57 E3** B4 TL	943864 72766	34 21.0	1632 1014.1	1107 43.6	3491 137.4	1528 60.2	10422 410.3	63 79.4	1365 53.7	5628 1486.8	29.00/6.0 [5.7]	29.00/6.0 [5.2] 32.00/6.0

Bar	4.0	4.5	5.0	5.5	6.0	6.5	7.0
Psi	58	65	73	80	87	94	102

Machine - Use
kg - lbs TRANSPORT

STANDARD	43650	47750	51850	55950	60000	62050	64100
STANDARD	96230	105270	114310	123350	132275	136795	141315

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	29.00/6.0 [5.7]	JOINT TORIQUE OR 4-57 R1481 [553211]	-	-

MICHELIN XD MINEWORKS

TIRE CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
27.00R49 E4** TL PHASED OUT	716130 83794	25 16.0	545 338.6	735 28.9	2672 105.2	1206 47.5	8257 325.1	66 83.1	892 35.1	1969 520.2	19.50/4.0 [3.2]	19.50/4.0 [2.7]
Bar	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0		
<i>Psi</i>	51	58	65	73	80	87	94	102	109	116		
<i>Machine - Use</i>	TRANSPORT											
<i>kg - lbs</i>												
STANDARD	16850	18550	20300	22050	24000	25500	27250	28100	29000	29850		
<i>STANDARD</i>	37150	40895	44755	48610	52910	56220	60075	61950	63935	65810		
TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim		O-ring / Grommet [CAI]				Tube [CAI]		Flap [CAI]			
	19.50/4.0 [3.2]		JOINT TORIQUE OR 3-49 HEYCO R1442 [553205]				-		-			

IMPORTANT

The inflation pressure must always be appropriate for the load per tire, the speed of travel and the work to be done. Our recommendations above are provided subject to changes made after the date of publication of these tables (October 2020). Technical data is subject to change without prior notice.

TIRE CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
37.00R57 E4** B4 TL PHASED OUT	725325 16047	20 12.0	848 526.9	1022 40.2	3453 135.9	1542 60.7	10385 408.9	99 124.7	1242 48.9	-	27.00/6.0 [5.2]	27.00/6.0 [4.6] 29.00/6.0
Bar	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5				
<i>Psi</i>	58	65	73	80	87	94	102	109				
<i>Machine - Use kg - lbs</i>	TRANSPORT											
STANDARD	38550	42200	45800	49400	53000	54850	56650	58450				
<i>STANDARD</i>	84990	93035	100970	108910	116845	120925	124890	128860				
TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim		O-ring / Grommet [CAI]			Tube [CAI]		Flap [CAI]				
	27.00/6.0 [5.2]		JOINT TORIQUE OR 4-57 R1481 [553211]			-		-				

IMPORTANT

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TIRE CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
24.00R49 E4** B4 TL PHASED OUT	123115	22 14.0	384 238.6	662 26.1	2529 99.6	1147 45.2	7651 301.2	67 84.4	806 31.7	1466 387.3	17.00/3.5	

Bar	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0
Psi	51	58	65	73	80	87	94	102	109	116

Machine - Use
kg - lbs

TRANSPORT

STANDARD	13900	15250	16550	17850	19200	20500	21800	22450	23100	23350
STANDARD	30645	33620	36485	39355	42330	45195	48060	49495	50925	51480

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	17.00/3.5	JOINT TORIQUE OR 3-49 HEYCO R1442 [553205]	-	-

DESCRIPTION	CAI [MSPN]	Max. dist./hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
24.00R49 E4** B TL PHASED OUT	123235	26 16.0	453 281.5	662 26.1	2529 99.6	1147 45.2	7651 301.2	67 84.4	806 31.7	1466 387.3	17.00/3.5	

Bar	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0
Psi	51	58	65	73	80	87	94	102	109	116

Machine - Use
kg - lbs

TRANSPORT

STANDARD	13900	15250	16550	17850	19200	20500	21800	22450	23100	23350
STANDARD	30645	33620	36485	39355	42330	45195	48060	49495	50925	51480

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	17.00/3.5	JOINT TORIQUE OR 3-49 HEYCO R1442 [553205]	-	-

DESCRIPTION	CAI [MSPN]	Max. dist./hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
27.00R49 E4** A TL PHASED OUT	123170	18 11.0	392 243.6	740 29.1	2712 106.8	1224 48.2	8188 322.4	76 95.7	892 35.1	2033 537.1	19.50/4.0 [3.2]	19.50/4.0 [2.7] 22.00/4.0

Bar	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0
Psi	51	58	65	73	80	87	94	102	109	116

Machine - Use
kg - lbs

TRANSPORT

STANDARD	16850	18550	20300	22050	24000	25500	27250	28100	29000	29850
STANDARD	37150	40895	44755	48610	52910	56220	60075	61950	63935	65810

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	19.50/4.0 [3.2]	JOINT TORIQUE OR 3-49 HEYCO R1442 [553205]	-	-

IMPORTANT

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TIRE CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
30.00R51 E4** B4 TL PHASED OUT	123041 32096	20 12.0	536 333.1	835 32.9	2878 113.3	1288 50.7	8662 341.0	83 104.6	1006 39.6	2490 657.8	22.00/4.5	
Bar	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0				
<i>Psi</i>	51	58	65	73	80	87	94	102				
<i>Machine - Use kg - lbs</i>	TRANSPORT											
STANDARD	22100	24350	26650	28950	31200	33500	34650	35800				
<i>STANDARD</i>	48720	53685	58755	63825	68785	73855	76390	78925				

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	22.00/4.5	JOINT TORIQUE OR 4-51 R1479 [553210]	-	-

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
30.00R51 E4** B TL PHASED OUT	123151 81267	24 15.0	643 399.5	835 32.9	2878 113.3	1288 50.7	8662 341.0	83 104.6	1006 39.6	2490 657.8	22.00/4.5	
Bar	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0				
<i>Psi</i>	51	58	65	73	80	87	94	102				
<i>Machine - Use kg - lbs</i>	TRANSPORT											
STANDARD	22100	24350	26650	28950	31200	33500	34650	35800				
<i>STANDARD</i>	48720	53685	58755	63825	68785	73855	76390	78925				

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	22.00/4.5	JOINT TORIQUE OR 4-51 R1479 [553210]	-	-

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
36.00R51 E4** B4 TL	123002 87111	20 12.0	740 459.8	1011 39.8	3215 126.6	1430 56.3	9653 380.0	96 120.9	1225 48.2	3980 1051.4	26.00/5.0	
Bar	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5			
<i>Psi</i>	51	58	65	73	80	87	94	102	109			
<i>Machine - Use kg - lbs</i>	TRANSPORT											
STANDARD	30450	33600	36800	39950	43100	46250	47850	49400	51000			
<i>STANDARD</i>	67130	74075	81130	88075	95020	101965	105490	108910	112435			

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	26.00/5.0	JOINT TORIQUE OR 4-51 R1479 [553210]	-	-

IMPORTANT

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TIRE CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
50/90R57 E4** B4 TL PHASED OUT	289603 51976	20 12.0	1248 775.5	1260 49.6	3840 151.2	1701 67.0	11513 453.3	107 134.8	1537 60.5	-	32.00/6.5	

Bar	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5
<i>Psi</i>	58	65	73	80	87	94	102	109

Machine - Use
kg - lbs TRANSPORT

STANDARD	52850	57800	62750	67700	72650	75320	78000	80660
<i>STANDARD</i>	116515	127425	138340	149255	160165	166050	171960	177825

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	32.00/6.5	JOINT TORIQUE OR 4-57 R1481 [553211]	-	-

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
50/90R57 E4** C4 TL PHASED OUT	388084 46349	28 17.0	1747 1085.5	1260 49.6	3840 151.2	1701 67.0	11513 453.3	107 134.8	1537 60.5	-	32.00/6.5	

Bar	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5
<i>Psi</i>	58	65	73	80	87	94	102	109

Machine - Use
kg - lbs TRANSPORT

STANDARD	52850	57800	62750	67700	72650	75320	78000	80660
<i>STANDARD</i>	116515	127425	138340	149255	160165	166050	171960	177825

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	32.00/6.5	JOINT TORIQUE OR 4-57 R1481 [553211]	-	-

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
50/90R57 E4** B TL PHASED OUT	894079 95806	24 15.0	1498 930.8	1260 49.6	3840 151.2	1701 67.0	11513 453.3	107 134.8	1537 60.5	-	32.00/6.5	

Bar	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5
<i>Psi</i>	58	65	73	80	87	94	102	109

Machine - Use
kg - lbs TRANSPORT

STANDARD	52850	57800	62750	67700	72650	75320	78000	80660
<i>STANDARD</i>	116515	127425	138340	149255	160165	166050	171960	177825

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	32.00/6.5	JOINT TORIQUE OR 4-57 R1481 [553211]	-	-

IMPORTANT

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TIRE CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
56/80R63 E4** C4 TL PHASED OUT	282261	28 17.0	2150 1335.9	1425 56.1	3998 157.4	1727 68.0	11876 467.6	105 132.3	1745 68.7	9547 2522.1	41.00/5.0 [6.0]	41.00/5.0 [5.5]

Bar	5.0		5.5			6.0			6.5			6.7
<i>Psi</i>	73		80			87			94			97

Machine - Use
kg - lbs

TRANSPORT

STANDARD	82920		89460			96000			98900			100000
<i>STANDARD</i>	182805		197225			211645			218035			220460

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	41.00/5.0 [6.0]	JOINT TORIQUE OR 4-63 R2053 [553056]	-	-

56/80R63 E4** B4 TL PHASED OUT	380744	20 12.0	1536 954.4	1425 56.1	3998 157.4	1727 68.0	11876 467.6	105 132.3	1745 68.7	9547 2522.1	41.00/5.0 [6.0]	41.00/5.0 [5.5]
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Bar	5.0		5.5			6.0			6.5			6.7
<i>Psi</i>	73		80			87			94			97

Machine - Use
kg - lbs

TRANSPORT

STANDARD	82920		89460			96000			98900			100000
<i>STANDARD</i>	182805		197225			211645			218035			220460

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	41.00/5.0 [6.0]	JOINT TORIQUE OR 4-63 R2053 [553056]	-	-

56/80R63 E4** B TL PHASED OUT	819341 10039	24 15.0	1843 1145.2	1425 56.1	3998 157.4	1727 68.0	11876 467.6	105 132.3	1745 68.7	9547 2522.1	41.00/5.0 [6.0]	41.00/5.0 [5.5]
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Bar	5.0		5.5			6.0			6.5			6.7
<i>Psi</i>	73		80			87			94			97

Machine - Use
kg - lbs

TRANSPORT

STANDARD	82920		89460			96000			98900			100000
<i>STANDARD</i>	182805		197225			211645			218035			220460

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	41.00/5.0 [6.0]	JOINT TORIQUE OR 4-63 R2053 [553056]	-	-

IMPORTANT

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MICHELIN XDR 2

TIRE CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
27.00R49 E4** B TL PHASED OUT	162292 18627	26 16.0	567 352.3	738 29.1	2733 107.6	1235 48.6	8257 325.1	90 113.4	892 35.1	1995 527.0	19.50/4.0 [3.2]	19.50/4.0 [2.7]

Bar	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0
Psi	51	58	65	73	80	87	94	102	109	116

Machine - Use
kg - lbs

TRANSPORT

STANDARD	16850	18550	20300	22050	24000	25500	27250	28100	29000	29850
STANDARD	37150	40895	44755	48610	52910	56220	60075	61950	63935	65810

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	19.50/4.0 [3.2]	JOINT TORIQUE OR 3-49 HEYCO R1442 [553205]	-	-

DESCRIPTION	CAI [MSPN]	Max. dist./hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
27.00R49 E4** B4 TL PHASED OUT	642068 19623	22 14.0	480 298.3	738 29.1	2733 107.6	1235 48.6	8257 325.1	90 113.4	892 35.1	1995 527.0	19.50/4.0 [3.2]	19.50/4.0 [2.7]

Bar	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0
Psi	51	58	65	73	80	87	94	102	109	116

Machine - Use
kg - lbs

TRANSPORT

STANDARD	16850	18550	20300	22050	24000	25500	27250	28100	29000	29850
STANDARD	37150	40895	44755	48610	52910	56220	60075	61950	63935	65810

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	19.50/4.0 [3.2]	JOINT TORIQUE OR 3-49 HEYCO R1442 [553205]	-	-

DESCRIPTION	CAI [MSPN]	Max. dist./hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
27.00R49 E4** A TL PHASED OUT	831573 18823	18 11.0	392 243.6	738 29.1	2733 107.6	1235 48.6	8257 325.1	90 113.4	892 35.1	1995 527.0	19.50/4.0 [3.2]	19.50/4.0 [2.7]

Bar	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0
Psi	51	58	65	73	80	87	94	102	109	116

Machine - Use
kg - lbs

TRANSPORT

STANDARD	16850	18550	20300	22050	24000	25500	27250	28100	29000	29850
STANDARD	37150	40895	44755	48610	52910	56220	60075	61950	63935	65810

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	19.50/4.0 [3.2]	JOINT TORIQUE OR 3-49 HEYCO R1442 [553205]	-	-

IMPORTANT

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MICHELIN XDR 2

TIRE CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
33.00R51 E4** C4 TL PHASED OUT	103564 20083	27 17.0	837 520.1	916 36.1	3047 120.0	1365 53.7	9175 361.2	94 118.4	1107 43.6	3119 824.0	24.00/5.0 [4.4]	24.00/5.0 [3.9]
Bar	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0				
<i>Psi</i>	51	58	65	73	80	87	94	102				
<i>Machine - Use kg - lbs</i>	TRANSPORT											
STANDARD	25550	28200	30800	33450	36600	38750	40100	41400				
<i>STANDARD</i>	56330	62170	67900	73745	80690	85430	88405	91270				
TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim		O-ring / Grommet [CAI]			Tube [CAI]		Flap [CAI]				
	24.00/5.0 [4.4]		JOINT TORIQUE OR 4-51 R1479 [553210]			-		-				
33.00R51 TL PHASED OUT	242131 20548	-	744 462.3	-	-	-	-	94 118.4	-	-		
33.00R51 E4** B4 TL PHASED OUT	444886 20328	20 12.0	620 385.3	916 36.1	3047 120.0	1365 53.7	9175 361.2	94 118.4	1107 43.6	3119 824.0	24.00/5.0 [4.4]	24.00/5.0 [3.9]
Bar	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0				
<i>Psi</i>	51	58	65	73	80	87	94	102				
<i>Machine - Use kg - lbs</i>	TRANSPORT											
STANDARD	25550	28200	30800	33450	36600	38750	40100	41400				
<i>STANDARD</i>	56330	62170	67900	73745	80690	85430	88405	91270				
TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim		O-ring / Grommet [CAI]			Tube [CAI]		Flap [CAI]				
	24.00/5.0 [4.4]		JOINT TORIQUE OR 4-51 R1479 [553210]			-		-				
37.00R57 E4** B TL PHASED OUT	183539 21976	24 15.0	1018 632.6	1025 40.4	3454 136.0	1533 60.4	10363 408.0	102 128.5	1242 48.9	4553 1202.8	27.00/6.0 [5.2]	27.00/6.0 [4.6] 29.00/6.0
Bar	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5				
<i>Psi</i>	58	65	73	80	87	94	102	109				
<i>Machine - Use kg - lbs</i>	TRANSPORT											
STANDARD	38550	42200	45800	49400	53000	54850	56650	58450				
<i>STANDARD</i>	84990	93035	100970	108910	116845	120925	124890	128860				
TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim		O-ring / Grommet [CAI]			Tube [CAI]		Flap [CAI]				
	27.00/6.0 [5.2]		JOINT TORIQUE OR 4-57 R1481 [553211]			-		-				

IMPORTANT

The inflation pressure must always be appropriate for the load per tire, the speed of travel and the work to be done. Our recommendations above are provided subject to changes made after the date of publication of these tables (October 2020). Technical data is subject to change without prior notice.

MICHELIN XDR 2

TIRE CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
37.00R57 E4** C TL	422260 24353	30 19.0	1272 790.4	1025 40.4	3454 136.0	1533 60.4	10363 408.0	102 128.5	1242 48.9	4553 1202.8	27.00/6.0 [5.2]	27.00/6.0 [4.6] 29.00/6.0

Bar	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5
<i>Psi</i>	58	65	73	80	87	94	102	109

Machine - Use
kg - lbs TRANSPORT

STANDARD	38550	42200	45800	49400	53000	54850	56650	58450
<i>STANDARD</i>	84990	93035	100970	108910	116845	120925	124890	128860

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	27.00/6.0 [5.2]	JOINT TORIQUE OR 4-57 R1481 [553211]	-	-

DESCRIPTION	CAI [MSPN]	Max. dist./hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
37.00R57 E4** C4 TL	532711 23511	27 17.0	1145 711.5	1025 40.4	3454 136.0	1533 60.4	10363 408.0	102 128.5	1242 48.9	4553 1202.8	27.00/6.0 [5.2]	27.00/6.0 [4.6] 29.00/6.0

Bar	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5
<i>Psi</i>	58	65	73	80	87	94	102	109

Machine - Use
kg - lbs TRANSPORT

STANDARD	38550	42200	45800	49400	53000	54850	56650	58450
<i>STANDARD</i>	84990	93035	100970	108910	116845	120925	124890	128860

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	27.00/6.0 [5.2]	JOINT TORIQUE OR 4-57 R1481 [553211]	-	-

DESCRIPTION	CAI [MSPN]	Max. dist./hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
40.00R57 E4** MB4 TL PHASED OUT	064371 27050	20 12.0	960 596.5	1115 43.9	3579 140.9	1577 62.1	10711 421.7	98 123.5	1365 53.7	5630 1487.3	29.00/6.0 [5.7]	29.00/6.0 [5.2] 32.00/6.0

Bar	4.0	4.5	5.0	5.5	6.0	6.5	7.0
<i>Psi</i>	58	65	73	80	87	94	102

Machine - Use
kg - lbs TRANSPORT

STANDARD	43650	47750	51850	55950	60000	62050	64100
<i>STANDARD</i>	96230	105270	114310	123350	132275	136795	141315

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	29.00/6.0 [5.7]	JOINT TORIQUE OR 4-57 R1481 [553211]	-	-

IMPORTANT

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MICHELIN XDR 2

TIRE CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
40.00R57 E4** MC4 TL PHASED OUT	139631 90162	27 17.0	1296 805.3	1115 43.9	3579 140.9	1577 62.1	10711 421.7	98 123.5	1365 53.7	5630 1487.3	29.00/6.0 [5.7]	29.00/6.0 [5.2] 32.00/6.0
Bar	4.0	4.5		5.0		5.5		6.0		6.5		7.0
<i>Psi</i>	58	65		73		80		87		94		102
<i>Machine - Use kg - lbs</i>	TRANSPORT											
STANDARD	43650	47750		51850		55950		60000		62050		64100
<i>STANDARD</i>	96230	105270		114310		123350		132275		136795		141315
TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim		O-ring / Grommet [CAI]		Tube [CAI]		Flap [CAI]					
	29.00/6.0 [5.7]		JOINT TORIQUE OR 4-57 R1481 [553211]		-		-					
40.00R57 E4** B4 TL	255356 49734	20 12.0	960 596.5	1115 43.9	3579 140.9	1577 62.1	10711 421.7	98 123.5	1365 53.7	5630 1487.3	29.00/6.0 [5.7]	29.00/6.0 [5.2] 32.00/6.0
Bar	4.0	4.5		5.0		5.5		6.0		6.5		7.0
<i>Psi</i>	58	65		73		80		87		94		102
<i>Machine - Use kg - lbs</i>	TRANSPORT											
STANDARD	43650	47750		51850		55950		60000		62050		64100
<i>STANDARD</i>	96230	105270		114310		123350		132275		136795		141315
TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim		O-ring / Grommet [CAI]		Tube [CAI]		Flap [CAI]					
	29.00/6.0 [5.7]		JOINT TORIQUE OR 4-57 R1481 [553211]		-		-					
40.00R57 E4** C4 TL PHASED OUT	467633 26683	27 17.0	1296 805.3	1115 43.9	3579 140.9	1577 62.1	10711 421.7	98 123.5	1365 53.7	5630 1487.3	29.00/6.0 [5.7]	29.00/6.0 [5.2] 32.00/6.0
Bar	4.0	4.5		5.0		5.5		6.0		6.5		7.0
<i>Psi</i>	58	65		73		80		87		94		102
<i>Machine - Use kg - lbs</i>	TRANSPORT											
STANDARD	43650	47750		51850		55950		60000		62050		64100
<i>STANDARD</i>	96230	105270		114310		123350		132275		136795		141315
TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim		O-ring / Grommet [CAI]		Tube [CAI]		Flap [CAI]					
	29.00/6.0 [5.7]		JOINT TORIQUE OR 4-57 R1481 [553211]		-		-					

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MICHELIN XDR 2

TIRE CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
40.00R57 E4** B4 TL PHASED OUT	736514 25410	20 12.0	960 596.5	1115 43.9	3579 140.9	1577 62.1	10711 421.7	98 123.5	1365 53.7	5630 1487.3	29.00/6.0 [5.7]	29.00/6.0 [5.2] 32.00/6.0

Bar	4.0	4.5	5.0	5.5	6.0	6.5	7.0
<i>Psi</i>	58	65	73	80	87	94	102

Machine - Use
kg - lbs TRANSPORT

STANDARD	43650	47750	51850	55950	60000	62050	64100
<i>STANDARD</i>	96230	105270	114310	123350	132275	136795	141315

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	29.00/6.0 [5.7]	JOINT TORIQUE OR 4-57 R1481 [553211]	-	-

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
40.00R57 E4** B TL PHASED OUT	815392 20800	24 15.0	1152 715.8	1115 43.9	3579 140.9	1577 62.1	10711 421.7	98 123.5	1365 53.7	5630 1487.3	29.00/6.0 [5.7]	29.00/6.0 [5.2] 32.00/6.0

Bar	4.0	4.5	5.0	5.5	6.0	6.5	7.0
<i>Psi</i>	58	65	73	80	87	94	102

Machine - Use
kg - lbs TRANSPORT

STANDARD	43650	47750	51850	55950	60000	62050	64100
<i>STANDARD</i>	96230	105270	114310	123350	132275	136795	141315

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	29.00/6.0 [5.7]	JOINT TORIQUE OR 4-57 R1481 [553211]	-	-

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
40.00R57 E4** C TL PHASED OUT	973971 05108	30 19.0	1440 894.8	1115 43.9	3579 140.9	1577 62.1	10711 421.7	98 123.5	1365 53.7	5630 1487.3	29.00/6.0 [5.7]	29.00/6.0 [5.2] 32.00/6.0

Bar	4.0	4.5	5.0	5.5	6.0	6.5	7.0
<i>Psi</i>	58	65	73	80	87	94	102

Machine - Use
kg - lbs TRANSPORT

STANDARD	43650	47750	51850	55950	60000	62050	64100
<i>STANDARD</i>	96230	105270	114310	123350	132275	136795	141315

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	29.00/6.0 [5.7]	JOINT TORIQUE OR 4-57 R1481 [553211]	-	-

IMPORTANT

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MICHELIN XDR 2

TIRE CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
53/80R63 E4** C4 TL PHASED OUT	782508	28 17.0	1837 1141.5	1380 54.3	3803 149.7	1655 65.2	11329 446.0	110 138.6	1660 65.4	7822 2066.4	38.00/5.0 [5.5]	38.00/5.0 [5]
Bar	4.0	4.5	5.0	5.5	6.0	6.5	6.5	6.8	7.0			
<i>Psi</i>	58	65	73	80	87	94	99	102				
<i>Machine - Use kg - lbs</i>	TRANSPORT											
STANDARD	59660	65240	70830	76410	82000	85010	86820	88030				
<i>STANDARD</i>	131530	143830	156155	168455	180780	187415	191405	194075				
TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim		O-ring / Grommet [CAI]		Tube [CAI]		Flap [CAI]					
	38.00/5.0 [5.5]		JOINT TORIQUE OR 4-63 R2053 [553056]		-		-					
56/80R63 E4** B TL PHASED OUT	034330 06559	24 15.0	1843 1145.2	1421 55.9	4015 158.1	1735 68.3	11930 469.7	110 138.6	1745 68.7	9404 2484.3	41.00/5.0 [6.0]	41.00/5.0 [5.5]
Bar	5.0	5.5	6.0	6.5	6.7							
<i>Psi</i>	73	80	87	94	97							
<i>Machine - Use kg - lbs</i>	TRANSPORT											
STANDARD	82920	89460	96000	98900	100000							
<i>STANDARD</i>	182805	197225	211645	218035	220460							
TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim		O-ring / Grommet [CAI]		Tube [CAI]		Flap [CAI]					
	41.00/5.0 [6.0]		JOINT TORIQUE OR 4-63 R2053 [553056]		-		-					
56/80R63 E4** C4 TL PHASED OUT	509256	28 17.0	2150 1335.9	1421 55.9	4015 158.1	1735 68.3	11930 469.7	110 138.6	1745 68.7	9404 2484.3	41.00/5.0 [6.0]	41.00/5.0 [5.5]
Bar	5.0	5.5	6.0	6.5	6.7							
<i>Psi</i>	73	80	87	94	97							
<i>Machine - Use kg - lbs</i>	TRANSPORT											
STANDARD	82920	89460	96000	98900	100000							
<i>STANDARD</i>	182805	197225	211645	218035	220460							
TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim		O-ring / Grommet [CAI]		Tube [CAI]		Flap [CAI]					
	41.00/5.0 [6.0]		JOINT TORIQUE OR 4-63 R2053 [553056]		-		-					

IMPORTANT

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MICHELIN XDR 2

TIRE CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
56/80R63 E4** B4 TL PHASED OUT	981620 06474	20 12.0	1536 954.4	1421 55.9	4015 158.1	1735 68.3	11930 469.7	110 138.6	1745 68.7	9404 2484.3	41.00/5.0 [6.0]	41.00/5.0 [5.5]

Bar	5.0		5.5		6.0		6.5		6.7
<i>Psi</i>	73		80		87		94		97

Machine - Use
kg - lbs

TRANSPORT

STANDARD	82920		89460		96000		98900		100000
<i>STANDARD</i>	182805		197225		211645		218035		220460

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	41.00/5.0 [6.0]	JOINT TORIQUE OR 4-63 R2053 [553056]	-	-

59/80R63 E4** B TL PHASED OUT	382280 22915	24 15.0	1901 1181.2	1503 59.2	4028 158.6	1742 68.6	11971 471.3	118 148.7	1834 72.2	10060 2657.6	44.00/5.0 [6.0]	44.00/5.0 [5.5]
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Bar		6.0		6.5		6.8
<i>Psi</i>		87		94		99

Machine - Use
kg - lbs

TRANSPORT

STANDARD		100000		102100		104000
<i>STANDARD</i>		220460		225090		229280

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	44.00/5.0 [6.0]	JOINT TORIQUE OR 4-63 R2053 [553056]	-	-

59/80R63 E4** B4 TL PHASED OUT	441191 76809	20 12.0	1584 984.3	1503 59.2	4028 158.6	1742 68.6	11971 471.3	118 148.7	1834 72.2	10060 2657.6	44.00/5.0 [6.0]	44.00/5.0 [5.5]
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Bar		6.0		6.5		6.8
<i>Psi</i>		87		94		99

Machine - Use
kg - lbs

TRANSPORT

STANDARD		100000		102100		104000
<i>STANDARD</i>		220460		225090		229280

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	44.00/5.0 [6.0]	JOINT TORIQUE OR 4-63 R2053 [553056]	-	-

IMPORTANT

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MICHELIN XDR 2

TIRE CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
59/80R63 E4** MC4 TL PHASED OUT	841736 15044	28 17.0	2218 1378.2	1503 59.2	4028 158.6	1742 68.6	11971 471.3	118 148.7	1834 72.2	10060 2657.6	44.00/5.0 [6.0]	44.00/5.0 [5.5]
Bar			6.0				6.5				6.8	
<i>Psi</i>			87				94				99	
Machine - Use kg - lbs	TRANSPORT											
STANDARD STANDARD			100000 220460				102100 225090				104000 229280	
TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim		O-ring / Grommet [CAI]				Tube [CAI]		Flap [CAI]			
	44.00/5.0 [6.0]		JOINT TORIQUE OR 4-63 R2053 [553056]				-		-			

IMPORTANT

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TIRE CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
56/80R63 E3** C4 TL PHASED OUT	399372 61120	36 22.0	2765 1718.1	1430 56.3	3997 157.4	1716 67.6	11848 466.5	59 74.3	1745 68.7	10094 2666.6	41.00/5.0 [6.0]	41.00/5.0 [5.5]

Bar	5.0		5.5			6.0			6.5			6.7
<i>Psi</i>	73		80			87			94			97

Machine - Use
kg - lbs

TRANSPORT

STANDARD	82920		89460			96000			98900			100000
<i>STANDARD</i>	182805		197225			211645			218035			220460

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	41.00/5.0 [6.0]	JOINT TORIQUE OR 4-63 R2053 [553056]	-	-

56/80R63 E3** B TL PHASED OUT	536061 35217	32 20.0	2458 1527.3	1430 56.3	3997 157.4	1716 67.6	11848 466.5	59 74.3	1745 68.7	10094 2666.6	41.00/5.0 [6.0]	41.00/5.0 [5.5]
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Bar	5.0		5.5			6.0			6.5			6.7
<i>Psi</i>	73		80			87			94			97

Machine - Use
kg - lbs

TRANSPORT

STANDARD	82920		89460			96000			98900			100000
<i>STANDARD</i>	182805		197225			211645			218035			220460

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	41.00/5.0 [6.0]	JOINT TORIQUE OR 4-63 R2053 [553056]	-	-

59/80R63 E3** B TL PHASED OUT	364848 18507	28 17.0	2218 1378.2	1501 59.1	4028 158.6	1734 68.3	11951 470.5	71 89.4	1834 72.2	10600 2800.2	44.00/5.0 [6.0]	44.00/5.0 [5.5]
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Bar		6.0				6.5					6.8	
<i>Psi</i>		87				94					99	

Machine - Use
kg - lbs

TRANSPORT

STANDARD		100000				102100					104000	
<i>STANDARD</i>		220460				225090					229280	

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	44.00/5.0 [6.0]	JOINT TORIQUE OR 4-63 R2053 [553056]	-	-

IMPORTANT

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MICHELIN XDR S

TIRE CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
59/80R63 E3** C4 TL PHASED OUT	784092 71983	32 20.0	2535 1575.2	1501 59.1	4028 158.6	1734 68.3	11951 470.5	71 89.4	1834 72.2	10600 2800.2	44.00/5.0 [6.0]	44.00/5.0 [5.5]
Bar			6.0				6.5				6.8	
<i>Psi</i>			87				94				99	
Machine - Use kg - lbs	TRANSPORT											
STANDARD STANDARD			100000 220460				102100 225090				104000 229280	
TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim		O-ring / Grommet [CAI]				Tube [CAI]		Flap [CAI]			
	44.00/5.0 [6.0]		JOINT TORIQUE OR 4-63 R2053 [553056]				-		-			

IMPORTANT

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TIRE CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
30.00R51 E4** MB TL	217595 60919	24 15.0	643 399.5	835 32.9	2878 113.3	1288 50.7	8662 341.0	83 104.6	1006 39.6	2490 657.8	22.00/4.5	
Bar	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0				
<i>Psi</i>	51	58	65	73	80	87	94	102				
<i>Machine - Use kg - lbs</i>	TRANSPORT											
STANDARD	22100	24350	26650	28950	31200	33500	34650	35800				
<i>STANDARD</i>	48720	53685	58755	63825	68785	73855	76390	78925				

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	22.00/4.5	JOINT TORIQUE OR 4-51 R1479 [553210]	-	-

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
30.00R51 E4** MC TL	765099 62720	30 19.0	804 499.6	835 32.9	2878 113.3	1288 50.7	8662 341.0	83 104.6	1006 39.6	2490 657.8	22.00/4.5	
Bar	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0				
<i>Psi</i>	51	58	65	73	80	87	94	102				
<i>Machine - Use kg - lbs</i>	TRANSPORT											
STANDARD	22100	24350	26650	28950	31200	33500	34650	35800				
<i>STANDARD</i>	48720	53685	58755	63825	68785	73855	76390	78925				

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	22.00/4.5	JOINT TORIQUE OR 4-51 R1479 [553210]	-	-

IMPORTANT

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TIRE CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
18.00R33 E4** A4 TL PHASED OUT	123723 46374	18 11.0	157 97.6	494 19.4	1868 73.5	885 34.8	5745 226.2	54 68.0	624 24.6	605 159.8	13.00/2.5	
Bar	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5				
<i>Psi</i>	58	65	73	80	87	94	102	109				
<i>Machine - Use kg - lbs</i>	TRANSPORT											
STANDARD	7950	8700	9400	10150	10900	11270	11650	12000				
<i>STANDARD</i>	17525	19180	20725	22375	24030	24845	25685	26455				
18.00R33 E4** B TL PHASED OUT	123733 57305	30 19.0	262 162.8	494 19.4	1868 73.5	885 34.8	5745 226.2	54 68.0	624 24.6	605 159.8	13.00/2.5	
Bar	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5				
<i>Psi</i>	58	65	73	80	87	94	102	109				
<i>Machine - Use kg - lbs</i>	TRANSPORT											
STANDARD	7950	8700	9400	10150	10900	11270	11650	12000				
<i>STANDARD</i>	17525	19180	20725	22375	24030	24845	25685	26455				
21.00R35 E4** B TL PHASED OUT	123881 40692	30 19.0	348 216.2	576 22.7	2062 81.2	937 36.9	6242 245.7	61 76.9	-	900 237.8	15.00/3.0	17.00/3.0
Bar	4.5	5.0	5.5	6.0	6.5	7.0						
<i>Psi</i>	65	73	80	87	94	102						
<i>Machine - Use kg - lbs</i>	TRANSPORT											
STANDARD	11450	12450	13500	14500	15000	15500						
<i>STANDARD</i>	25245	27450	29760	31965	33070	34170						
TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim		O-ring / Grommet [CAI]		Tube [CAI]		Flap [CAI]					
	15.00/3.0		JOINT TORIQUE OR 3-35 STRASS R1441 [553204]		-		-					

IMPORTANT

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TIRE CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
21.00R35 E4** A4 TL PHASED OUT	123921 94773	18 11.0	209 129.9	576 22.7	2062 81.2	937 36.9	6242 245.7	61 76.9	-	900 237.8	15.00/3.0	17.00/3.0
Bar	4.5	5.0			5.5		6.0			6.5		7.0
<i>Psi</i>	65	73			80		87			94		102
Machine - Use kg - lbs	TRANSPORT											
STANDARD	11450		12450		13500		14500			15000		15500
<i>STANDARD</i>	25245		27450		29760		31965			33070		34170

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	15.00/3.0	JOINT TORIQUE OR 3-35 STRASS R1441 [553204]	-	-

27.00R49 TL PHASED OUT	123783	-	654 406.4	-	-	-	-	74 93.2	-	-		
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DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
33.00R51 E4** B TL	123961 53227	30 19.0	930 577.9	911 35.9	3040 119.7	1365 53.7	9161 360.7	87 109.6	1107 43.6	3090 816.3	24.00/5.0 [4.4]	24.00/5.0 [3.9]
Bar	3.5	4.0	4.5		5.0		5.5		6.0	6.5		7.0
<i>Psi</i>	51	58	65		73		80		87	94		102
Machine - Use kg - lbs	TRANSPORT											
STANDARD	25550		28200		30800		33450		36600	38750		40100
<i>STANDARD</i>	56330		62170		67900		73745		80690	85430		88405

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	24.00/5.0 [4.4]	JOINT TORIQUE OR 4-51 R1479 [553210]	-	-

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
33.00R51 E4** A TL	123971 79398	22 14.0	682 423.8	911 35.9	3040 119.7	1365 53.7	9161 360.7	87 109.6	1107 43.6	3090 816.3	24.00/5.0 [4.4]	24.00/5.0 [3.9]
Bar	3.5	4.0	4.5		5.0		5.5		6.0	6.5		7.0
<i>Psi</i>	51	58	65		73		80		87	94		102
Machine - Use kg - lbs	TRANSPORT											
STANDARD	25550		28200		30800		33450		36600	38750		40100
<i>STANDARD</i>	56330		62170		67900		73745		80690	85430		88405

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	24.00/5.0 [4.4]	JOINT TORIQUE OR 4-51 R1479 [553210]	-	-

IMPORTANT

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TIRE CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
15.5R25 L3* A TL	123008 25042	16 10.0	-	403 15.9	1270 50.0	582 22.9	3789 149.2	26 32.8	-	251 66.3	12.00/1.3	12.00/1.3 DC 13.00/1.4 DC

Bar	2.0	2.5	3.0	3.5	4.0	4.5
<i>Psi</i>	29	36	44	51	58	65

Machine - Use
kg - lbs GRADER

ALL AXLES	2325	2650	3000
<i>ALL AXLES</i>	5125	5840	6615

Machine - Use
kg - lbs LOADER

FRONT LADEN	3700	4250	4800	5350	5800	6450
<i>FRONT LADEN</i>	8155	9370	10580	11795	12785	14220
REAR UNLADEN	2950	3400	3850	4300	4650	5150
<i>REAR UNLADEN</i>	6505	7495	8490	9480	10250	11355

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	12.00/1.3	JOINT TORIQUE OR 2-25 HEUPO R1438 [553201]	-	-

17.5R25 L3* A TL PHASED OUT	123009 35052	16 10.0	-	448 17.6	1340 52.8	580 22.8	3984 156.9	29 36.5	-	328 86.6	14.00/1.5	13.00/1.4 DC 14.00/1.5 DC
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Bar	2.0	2.5	3.0	3.5	4.3	4.5
<i>Psi</i>	29	36	44	51	62	65

Machine - Use
kg - lbs GRADER

ALL AXLES	2800	3250	3650
<i>ALL AXLES</i>	6175	7165	8045

Machine - Use
kg - lbs LOADER

FRONT LADEN	4550	5100	5700	6250	7100	7350
<i>FRONT LADEN</i>	10030	11245	12565	13780	15655	16205
REAR UNLADEN	3650	4100	4550	5000	5700	5900
<i>REAR UNLADEN</i>	8045	9040	10030	11025	12565	13005

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	14.00/1.5	JOINT TORIQUE OR 2-25 HEUPO R1438 [553201]	-	-

IMPORTANT

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MICHELIN XK D1

TIRE CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
14.00R24 E4 A TT PHASED OUT	251592 06874	18 11.0	84 52.2	401 15.8	1412 55.6	657 25.9	4313 169.8	37 46.6	-	270 71.3	10.0	10.00W 9.0 9.00V
Bar	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	8.0
Psi	29	36	44	51	58	65	73	80	87	94	102	116
Machine - Use kg - lbs	TRANSPORT											
STAN- DARD				3750		4500	4850	5600	5700	5800	6150	
STAN- DARD				8265		9920	10690	12345	12565	12785	13560	
Machine - Use kg - lbs	UNDERGROUND MINE MACHINE											
ALL AXLES	2950	3400	3850	4300	4800	5300	5750	6200	6550	7250		
ALL AXLES	6505	7495	8490	9480	10580	11685	12675	13670	14440	15985		
18.00R25 E4** A TL	270680 12336	18 11.0	133 82.6	530 20.9	1668 65.7	764 30.1	5064 199.4	47 59.2	598 23.5	495 130.8	13.00/2.5	15.00/2.5
Bar	4.0	4.3	4.5	5.0	6.0	7.0	7.5					
Psi	58	62	65	73	87	102	109					
Machine - Use kg - lbs	TRANSPORT											
STANDARD	6800	7100	7400	8000	9250	9850	10150					
STANDARD	14990	15655	16315	17635	20395	21715	22375					
TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim		O-ring / Grommet [CAI]			Tube [CAI]			Flap [CAI]			
	13.00/2.5		JOINT TORIQUE OR 3-25 SULLA R1437 [553200]			-			-			

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TIRE CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
445/80R25 170E B TL PHASED OUT	757059	70 43.0	-	435 17.1	1356 53.4	619 24.4	4112 161.9	26 32.8	-	340 89.8	14.00/1.7 CR	14.00/1.5
Bar	2.0	3.0		4.0	5.0	6.0	7.0					
<i>Psi</i>	29	44		58	73	87	102					
<i>Machine - Use kg - lbs</i>	CRANE AND SIMILAR SPECIALIZED MACHINE											
30 KM/H 20 MPH	2725 6010	3650 8045		4600 10140	5650 12455	6750 14880	7800 17195					
40 KM/H 25 MPH	2600 5730	3475 7660		4400 9700	5400 11905	6450 14220	7450 16425					
50 KM/H 30 MPH	2475 5455	3300 7275		4150 9150	5150 11355	6150 13560	7100 15655					
60 KM/H 35 MPH	2365 5215	3150 6945		3975 8765	5565 12270	6030 13295	6720 14815					
65 KM/H 40 MPH	2250 4960	3000 6615		3800 8380	4650 10250	5550 12235	6450 14220					
70 KM/H 43 MPH	2100 4630	2800 6175		3550 7825	4350 9590	5200 11465	6000 13230					
80 KM/H 50 MPH	1725 3805	2300 5070		2900 6395	3600 7935	4250 9370	4950 10915					
90 KM/H 55 MPH	1475 3250	1975 4355		2500 5510	3050 6725	3650 8045	4200 9260					
100 KM/H 62 MPH	1250 2755	1675 3695		2150 4740	2650 5840	3150 6945	3600 7935					

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	14.00/1.7 CR	JOINT TORIQUE OR 2-25 HEUPO R1438 [553201]	-	-

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TIRE CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
445/95R25 177E B TL PHASED OUT	282741	70 43.0	-	422 16.6	1484 58.4	680 26.8	4506 177.4	29 36.5	-	350 92.5	11.00/1.7 CR	11.25/2
Bar	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0				
Psi	29	44	58	73	87	102	116	131				
Machine - Use kg - lbs	CRANE AND SIMILAR SPECIALIZED MACHINE											
30 KM/H 20 MPH	2925 6450	4100 9040	5000 11025	5850 12895	6750 14880	7650 16865	8600 18960	9500 20945				
40 KM/H 25 MPH	2800 6175	3900 8600	4775 10525	5600 12345	6450 14220	7300 16095	8200 18080	9050 19950				
50 KM/H 30 MPH	2650 5840	3725 8210	4550 10030	5300 11685	6150 13560	6950 15320	7800 17195	8600 18960				
65 KM/H 40 MPH	2400 5290	3375 7440	4125 9095	4850 10690	5600 12345	6350 14000	7150 15765	7800 17195				
70 KM/H 43 MPH	2250 4960	3150 6945	3850 8490	4500 9920	5200 11465	5900 13005	6600 14550	7300 16095				
80 KM/H 50 MPH	1850 4080	2600 5730	3150 6945	3700 8155	4250 9370	4850 10690	5400 11905	6000 13230				
90 KM/H 55 MPH	1575 3470	2200 4850	2700 5950	3150 6945	3650 8045	4150 9150	4600 10140	5100 11245				
100 KM/H 62 MPH	1350 2975	1900 4190	2300 5070	2700 5950	3120 6880	3550 7825	3950 8710	4400 9700				

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	11.00/1.7 CR	JOINT TORIQUE OR 3-25 SULLA R1437 [553200]	-	-

IMPORTANT

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TIRE CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
550/65R25 L3* TL	123570 86785	16 10.0	-	549 21.6	1400 55.1	600 23.6	4147 163.3	32 40.3	-	450 118.9	17.00/1.7	17.00/2.0
Bar	2.0	2.3	2.5	3.0	3.3	3.5	4.0	4.3	4.5	5.0		
<i>Psi</i>	29	33	36	44	47	51	58	62	65	73		
<i>Machine - Use</i> kg - lbs	GRADER											
ALL AXLES	2940	3210	3480	4020	4290	4560	5100					
<i>ALL AXLES</i>	6480	7075	7670	8865	9460	10055	11245					
<i>Machine - Use</i> kg - lbs	LOADER											
FRONT LADEN	4900	5350	5800	6700	7150	7600	8500	8950	9400	10300		
<i>FRONT LADEN</i>	10805	11795	12785	14770	15765	16755	18740	19730	20725	22710		
REAR UNLADEN	3925	4290	4650	5350	5720	6075	6800	7165	7525	8250		
<i>REAR UNLADEN</i>	8655	9460	10250	11795	12610	13395	14990	15795	16590	18190		

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	17.00/1.7	JOINT TORIQUE OR 2-25 HEUPO R1438 [553201]	-	-

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
600/65R25 L3* TL	063799 82704	16 10.0	-	622 24.5	1429 56.3	617 24.3	4246 167.2	34 42.8	-	484 127.9	19.50/2.5	17.00/1.7 17.00/2.0
Bar	2.0	2.5	3.0	3.5	4.0	4.5	5.0					
<i>Psi</i>	29	36	44	51	58	65	73					
<i>Machine - Use</i> kg - lbs	GRADER											
ALL AXLES	3390	4005	4600									
<i>ALL AXLES</i>	7475	8830	10140									
<i>Machine - Use</i> kg - lbs	LOADER											
FRONT LADEN	5650	6675	7700	8725	9750	10725	11700					
<i>FRONT LADEN</i>	12455	14715	16975	19235	21495	23645	25795					
REAR UNLADEN	4520	5340	6160	6980	7800	8580	9360					
<i>REAR UNLADEN</i>	9965	11775	13580	15390	17195	18915	20635					

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	19.50/2.5	JOINT TORIQUE OR 2-25 HEUPO R1438 [553201]	-	-

IMPORTANT

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TIRE CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
650/65R25 L3* TL	123820 90278	16 10.0	-	634 25.0	1498 59.0	637 25.1	4425 174.2	37 46.6	-	596 157.4	19.50/2.5	
Bar	2.0	2.5		3.0		3.5		4.0		4.5		5.0
<i>Psi</i>	29	36		44		51		58		65		73
<i>Machine - Use kg - lbs</i>	GRADER											
ALL AXLES	4100	4800		5500		6200		6900		7600		8300
<i>ALL AXLES</i>	9040	10580		12125		13670		15210		16755		18300
<i>Machine - Use kg - lbs</i>	LOADER											
FRONT LADEN	6700	7900		9100		10300		11500		12700		13900
<i>FRONT LADEN</i>	14770	17415		20060		22710		25355		28000		30645
REAR UNLADEN	5400	6350		7300		8250		9200		10150		11100
<i>REAR UNLADEN</i>	11905	14000		16095		18190		20285		22375		24470

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	19.50/2.5	JOINT TORIQUE OR 3-25 SULLA R1437 [553200]	-	-

750/65R25 L3* TL	123940 50629	16 10.0	-	747 29.4	1591 62.6	683 26.9	4714 185.6	41 51.7	-	788 208.2	24.00/3.0	22.00/3.0
Bar	2.0	2.5	3.0	3.3	3.5	4.0	4.5	5.0	5.5			
<i>Psi</i>	29	36	44	47	51	58	65	73	80			
<i>Machine - Use kg - lbs</i>	GRADER											
ALL AXLES	5040	5830	6620	7020	7420	8210						
<i>ALL AXLES</i>	11110	12855	14595	15475	16360	18100						
<i>Machine - Use kg - lbs</i>	LOADER											
FRONT LADEN	8400	9720	11040	11700	12360	13680	15000	16320	17640			
<i>FRONT LADEN</i>	18520	21430	24340	25795	27250	30160	33070	35980	38890			
REAR UNLADEN	6725	7775	8825	9365	9900	10950	12000	13050	14100			
<i>REAR UNLADEN</i>	14825	17140	19455	20645	21825	24140	26455	28770	31085			

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	24.00/3.0	JOINT TORIQUE OR 3-25 SULLA R1437 [553200]	-	-

IMPORTANT

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TIRE CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
800/65R29 L3* TL	123059 45325	16 10.0	-	793 31.2	1818 71.6	790 31.1	5412 213.1	48 60.5	-	1093 288.7	27.00/3.0	24.00/3.5
Bar	2.0	2.5	3.0	3.5	4.0	4.3	4.5	5.0	5.5			
Psi	29	36	44	51	58	62	65	73	80			
Machine - Use kg - lbs	LOADER											
FRONT LADEN	10100	11800	13500	15200	16900	17500	18600	20300	22000			
FRONT LADEN	22265	26015	29760	33510	37260	38580	41005	44755	48500			
REAR UNLA- DEN	8100	9450	10800	12150	13500	14000	14900	16250	17600			
REAR UNLA- DEN	17855	20835	23810	26785	29760	30865	32850	35825	38800			

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	27.00/3.0	JOINT TORIQUE OR 3-29 SULKY R1439 [553202]	-	-

IMPORTANT

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MICHELIN XLD D2A

TIRE CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
29.5R29 L5* A TL	123279 52185	10 6.0	-	772 30.4	2004 78.9	864 34.0	5949 234.2	95 119.7	-	985 260.2	25.00/3.5	24.00/3.5
Bar	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.3	5.5			
Psi	29	36	44	51	58	65	73	76	80			
Machine - Use kg - lbs	GRADER											
ALL AXLES	7100	8500	9750	10900	12150	13200	14500	15000				
ALL AXLES	15655	18740	21495	24030	26785	29100	31965	33070				
Machine - Use kg - lbs	LOADER											
FRONT LADEN	13100	14700	16300	17900	19500	21550	23600	24450	25200			
FRONT LADEN	28880	32410	35935	39465	42990	47510	52030	53905	55555			
REAR UNLADEN	10500	11750	13050	14350	15600	17250	18900	10560	21150			
REAR UNLADEN	23150	25905	28770	31635	34390	38030	41665	23280	46630			
TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim		O-ring / Grommet [CAI]			Tube [CAI]		Flap [CAI]				
	25.00/3.5		JOINT TORIQUE OR 3-29 SULKY R1439 [553202]			-		-				

IMPORTANT

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TIRE CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
26.5R25 L3S TL PHASED OUT	123022	10 6.0	-	724 28.5	1726 68.0	770 30.3	5189 204.3	48 60.5	-	890 235.1	22.00/3.0	22.00/3.0 IF

Bar	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5
Psi	29	36	44	51	58	65	73	80

Machine - Use
kg - lbs UNDERGROUND TRANSPORT MACHINE

ALL AXLES	9000	10300	11200	12500	13200	14500
ALL AXLES	19840	22710	24690	27560	29100	31965

Machine - Use
kg - lbs LOADER

FRONT LADEN	9300	10300	12150	13600	15000	16150	17350	18500
FRONT LADEN	20505	22710	26785	29985	33070	35605	38250	40785
REAR UNLADEN	7450	8250	9700	10900	12000	12900	13900	14800
REAR UNLADEN	16425	18190	21385	24030	26455	28440	30645	32630

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	22.00/3.0	JOINT TORIQUE OR 3-25 SULLA R1437 [553200]	-	-

26.5R29 L3S* TL PHASED OUT	123661	10 6.0	-	726 28.6	1830 72.0	811 31.9	5488 216.1	40 50.4	-	937 247.5	22.00/3.0	24.00/3.0
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Bar	4.0	4.3	4.5	5.0	5.3	5.5	5.8	6.0	6.3	6.5
Psi	58	62	65	73	76	80	83	87	91	94

Machine - Use
kg - lbs UNDERGROUND TRANSPORT MACHINE

ALL AXLES	12150	12500	13200	14500	15000	15500	16000	16500	17000	17500
ALL AXLES	26785	27560	29100	31965	33070	34170	35275	36375	37480	38580

Machine - Use
kg - lbs LOADER

FRONT LADEN	13600	14000	15000	16000	16500	17500	18000	18500	19000	19500
FRONT LADEN	29985	30865	33070	35275	36375	38580	39685	40785	41890	42990
REAR UNLADEN	10880	11200	12000	12800	13200	14000	14400	14800	15200	15600
REAR UNLADEN	23985	24690	26455	28220	29100	30865	31745	32630	33510	34390

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	22.00/3.0	JOINT TORIQUE OR 3-29 SULKY R1439 [553202]	-	-

IMPORTANT

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TIRE CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims	
35/65R33 L3S TL PHASED OUT	123052 92439	10 6.0	-	918 36.1	2012 79.2	899 35.4	6052 238.3	44 55.4	-	1550 409.5	28.00/3.5		
Bar	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0				
<i>Psi</i>	29	36	44	51	58	65	73	80	87				
<i>Machine - Use kg - lbs</i>	UNDERGROUND TRANSPORT MACHINE												
ALL AXLES		13600		15500		17000		18500		20000		21800	23000
<i>ALL AXLES</i>		29985		34170		37480		40785		44090		48060	50705
<i>Machine - Use kg - lbs</i>	LOADER												
FRONT LADEN	13750	14850	16100	17700	19000	21200	23000	24150	25300				
<i>FRONT LADEN</i>	30315	32740	35495	39020	41890	46740	50705	53240	55775				
REAR UNLA- DEN	10990	11870	12870	14170	15200	16950	18400	19300	20250				
<i>REAR UNLA- DEN</i>	24230	26170	28375	31240	33510	37370	40565	42550	44645				
TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim		O-ring / Grommet [CAI]			Tube [CAI]		Flap [CAI]					
	28.00/3.5		JOINT TORIQUE OR 3-33 STRIX R1440 [553203]			-		-					

IMPORTANT

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TIRE CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
50S/95R25 E2 183E TL	565628 67579	50 31.0	284 176.5	498 19.6	1610 63.4	738 29.1	4890 192.5	26 32.8	-	576 152.2	13.00/2.5	15.00/2.5
Bar	6.0	6.3	6.5	6.8	7.0	7.3	7.5	7.5	7.8	8.0		
Psi	87	91	94	98	102	105	109	109	112	116		
<i>Machine - Use kg - lbs</i>	CRANE AND SIMILAR SPECIALIZED MACHINE											
STATIC	22405	22950	23485	24000	24530	25030	25300	25530	26030	26515		
<i>STATIC</i>	49400	50600	51770	52905	54075	55175	56280	57380	58450			
2 KM/H CREEP	18190	18635	19065	19485	19915	20320	20725	21130	21525	21920		
<i>MPH CREEP</i>	40105	41085	42030	42955	43905	44800	45695	46585	47455			
5 KM/H	16120	16515	16895	17265	17645	18005	18365	18725	19075	19425		
<i>3 MPH</i>	35540	36405	37245	38065	38905	39700	40490	41285	42055			
10 KM/H	13975	14315	14650	14970	15300	15610	15925	16235	16540	16845		
<i>5 MPH</i>	30815	31565	32295	33000	33730	34415	35105	35790	36460			
30 KM/H	9615	9850	10075	10295	10525	10740	10955	11165	11375	11580		
<i>20 MPH</i>	21195	21710	22210	22700	23200	23675	24145	24620	25080			
40 KM/H	9170	9395	9610	9820	10040	10240	10445	10650	10850	11050		
<i>25 MPH</i>	20215	20710	21185	21650	22130	22580	23030	23485	23920			
45 KM/H	8950	9165	9380	9585	9795	9995	10195	10395	10590	10785		
<i>MPH</i>	19725	20210	20675	21125	21595	22035	22475	22915	23345			
50 KM/H	8725	8940	9145	9345	9550	9745	9940	10135	10325	10515		
<i>30 MPH</i>	19240	19705	20160	20605	21060	21490	21920	22345	22765			
60 KM/H	8280	8485	8680	8870	9065	9250	9435	9620	9800	9980		
<i>35 MPH</i>	18260	18705	19135	19555	19985	20395	20805	21210	21605			
70 KM/H	7395	7575	7750	7920	8095	8260	8425	8590	8750	8910		
<i>43 MPH</i>	16305	16700	17085	17460	17845	18210	18575	18940	19290			
80 KM/H	6065	6210	6355	6495	6640	6775	6910	7045	7175	7305		
<i>50 MPH</i>	13370	13695	14010	14315	14635	14930	15230	15530	15820			
90 KM/H	5175	5305	5425	5545	5665	5780	5900	6015	6125	6235		
<i>55 MPH</i>	11415	11690	11960	12220	12495	12745	13005	13255	13505			
100 KM/H	4435	4545	4650	4750	4855	4955	5055	5155	5250	5345		
<i>62 MPH</i>	9780	10020	10250	10475	10710	10925	11145	11365	11575			

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	13.00/2.5	JOINT TORIQUE OR 3-25 SULLA R1437 [553200]	-	-

18.00R33 E3** C TL	271325 45385	50 31.0	436 270.9	496 19.5	1820 71.7	822 32.4	5486 216.0	26 32.8	624 24.6	640 169.1	13.00/2.5	
Bar	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5				
Psi	58	65	73	80	87	94	102	109				
<i>Machine - Use kg - lbs</i>	TRANSPORT											
STANDARD	7950	8700	9400	10150	10900	11270	11650	12000	12400	12750		
<i>STANDARD</i>	17525	19180	20725	22375	24030	24845	25685	26455				

IMPORTANT

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MICHELIN XV C

TIRE CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
24.00R35 E3** C TL	271650 10223	50 31.0	740 459.8	668 26.3	2118 83.4	947 37.3	6372 250.9	30 37.8	825 32.5	1264 333.9	17.00/3.5	15.00/3.5
Bar	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0				
<i>Psi</i>	65	73	80	87	94	102	109	116				
<i>Machine - Use kg - lbs</i>	TRANSPORT											
STANDARD STANDARD	13950 30755	15050 33180	16300 35935	17350 38250	18500 40785	19050 42000	19625 43265	20200 44535				
27.00R49 E3** C TL	280557 06957	50 31.0	1090 677.3	745 29.3	2648 104.3	1170 46.1	7934 312.4	33 41.6	909 35.8	2060 544.2	19.50/4.0 [3.2]	19.50/4.0 [2.7] 22.00/4.0
Bar	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0		
<i>Psi</i>	51	58	65	73	80	87	94	102	109	116		
<i>Machine - Use kg - lbs</i>	TRANSPORT											
STANDARD STANDARD	16850 37150	18550 40895	20300 44755	22050 48610	24000 52910	25500 56220	27250 60075	28100 61950	29000 63935	29850 65810		
TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim		O-ring / Grommet [CAI]			Tube [CAI]		Flap [CAI]				
	19.50/4.0 [3.2]		JOINT TORIQUE OR 3-49 HEYCO R1442 [553205]			-		-				

MICHELIN XZH

TIRE CHARACTERISTICS

Load capacity (kg & pound) based on inflation pressure (bar & psi) and speed (km/h & mph).

DESCRIPTION	CAI [MSPN]	Max. dist./ hour km [mile]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Rolling circumference mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
12.00R24 E3 TT	123369	35 22.0	119 73.9	321 12.6	1258 49.5	591 23.3	3857 151.9	30 37.8	-	171 45.2	8.5	7.33V* 8.0 8.00V
Bar	4.0	4.5	5.0	5.5	6.0	6.5	7.0	8.0				
<i>Psi</i>	58	65	73	80	87	94	102	116	123			
<i>Machine - Use kg - lbs</i>	TRANSPORT											
STANDARD STANDARD	2700 5950	2950 6505	3200 7055	3475 7660	3750 8265	4000 8820	4250 9370	4500 9920	4650 10250			

*OTHER APPROVED RIMS: 8.50V

IMPORTANT

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MICHELIN TECHNICAL DATA

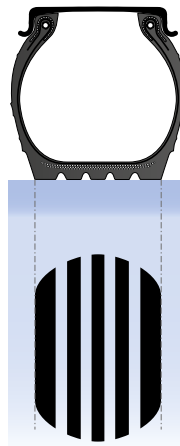
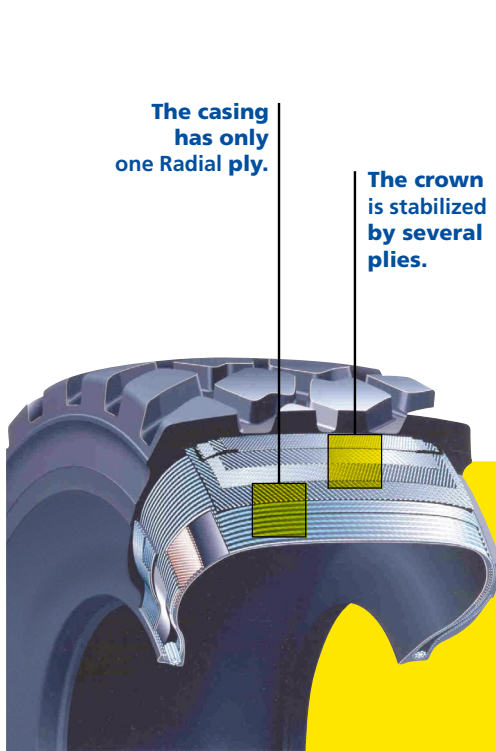
EARTHMOVER TIRES

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COMPARISON BETWEEN BIAS AND RADIAL TIRES

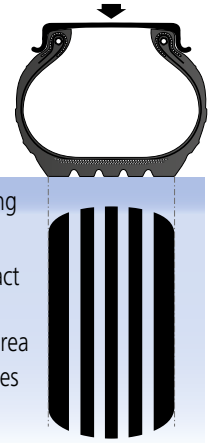
THE MICHELIN® X® RADIAL



The sidewall and tread function separately.

The tread is unaffected by the flexing of the sidewalls, so there is:

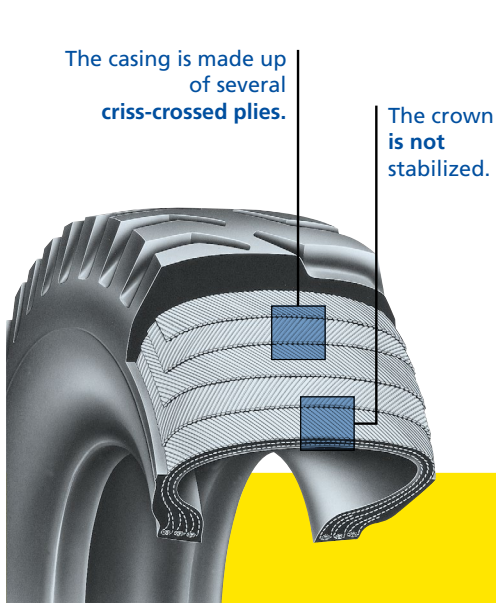
- Less deformation of the tire contact area on the ground
- Less movement in tread contact area
- No movement between casing plies



Advantages:

- Long tire life
- Outstanding traction on all types of surface
- Lower fuel consumption due to lower rolling resistance
- Improved comfort
- Increased resistance to punctures/flats
- Increased resistance to heating
- Protects property and persons

BIAS OR CROSS-PLY CONSTRUCTION

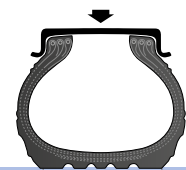


The crown and sidewalls are formed by the same ply structure.

The tread is affected by flexing of the sidewalls, resulting in:

- Deformation of the tire contact area on the ground
- Movement in the tread contact area.

The casing plies tend to "scissor" in relation to each other



ADVICE AND RECOMMENDATIONS ON THE USE OF MICHELIN EARTHMOVER TIRES

The following information is extracted from the Use and Maintenance Guide of MICHELIN® Earthmover Tires. For more details, visit our website www.michelinearthmover.com or contact your Michelin® Representative.



The tire is the only point of contact between the machine and the ground. Users must ensure that they preserve the life and performance of their tires. To do so, it is recommended that users adhere to the following safety instructions and usage recommendations. These recommendations are subject to more restrictive local provisions: legal, regulatory requirements, etc.

CHOICE OF TIRE

The choice of a tire must be compliant with legislation and with equipment recommended by the vehicle or tire manufacturer or by an official organization (size, load and speed indices, tire structures, etc.).

Additionally, it is necessary to take into account the conditions in which the tire will be used in order to ensure its performance can meet the user's expectations. The type of tread pattern depends mainly on conditions of use encountered: adherence, risk of cuts, rapid wear. The optimum performance of equipment depends largely on the choice of tire.

The use of a tread pattern or a tread pattern inappropriate for the work leads to a sharp reduction in the tire's life and may affect vehicle productivity.

In the event of the original vehicle equipment being modified, it is advisable to make sure that the solution

offered is compliant with the legislation in force, the machine's technical constraints, conditions of use and the manufacturer's recommendations. Please refer to regulations in force in the local country.

Before being fitted, any secondhand or used tire must be subjected to careful inspection by a specialist tire professional in order to guarantee the safety of the user and compliance with the regulations in force (Vehicle Checks and Maintenance).

USE OF TIRES

GENERAL RECOMMENDATIONS

Never use the tire beyond the limits of the technical specifications for which it has been approved on the machines.

Certain excessive or abnormal geometrical settings for the machines may have a negative effect on the tire's performance.

Poor use or wrong choice of tire can also contribute to premature wearing of certain mechanical parts.

According to the current legislation and/or to the technical or safety recommendations, both tires on the same axle must be identical.

DUAL MOUNTING

For technical and safety reasons, you must adhere to the recommendations of the manufacturer of the machine.

We advise against the following mountings:

- Dual mounting of MICHELIN® Radial tires with cross-ply (bias) tires
- Dual mounting of a tire of normal tread depth with a deep-treaded tire
- Dual mounting of tires of the same type which have different remaining tread depths (some legislation sets a maximum differential)

ADVICE AND RECOMMENDATIONS ON THE USE OF MICHELIN EARTHMOVER TIRES

FITTING

INTRODUCTION



Correct fitting, performed in accordance with recommended operating procedures and complying with the safety rules in force, ensures excellent protection for people and materials and allows the tires' full potential to be exploited.

Poor fitting can cause damage to the tires, the vehicle and/or cause serious injury or even death.

It is therefore essential that these operations are carried out by people who have been trained and who have the appropriate equipment available, and in accordance with the procedures.

We strongly recommend that tire fitting is undertaken by a trained tire professional with proper equipment.

Tube-type tires must be fitted with an appropriate flap and inner tube.

In all cases, it is essential to refer to the technical instructions of the tire manufacturer, vehicle manufacturer and wheel manufacturer, as well as the user manual for the tire-fitting machinery or equipment.

GENERAL PRECAUTIONS

Operators must always wear appropriate protective equipment.

Operators must know recommended procedure.

Operators must ensure that the vehicle is stopped, secured (LOTO) and properly stabilized (parking brake engaged, blocks), and motor turned off.

PRECAUTIONS FOR REMOVAL

a) When removing the vehicle wheel

If the tire is twin-fitted or if the rim shows evidence of damage, **the tires must be deflated prior** to removal of the whole fitment (remove the valve core). Failure to observe this could lead to accidents with very serious consequences. Comply with the manufacturers' recommendations and instructions when removing a tire.

b) When the tire is removed from the vehicle

Completely deflate the tire before any operation.

PRECAUTIONS FOR FITTING

- Ensure that the wheel and its components are in good condition
- Verify the compatibility of the tire and the wheel (wheel authorized for the tire) and the pressure capacity of the wheel
- Adhere to the positions, direction of fitting, direction of rotation and any other instructions referred to on the tire sidewall.
- In the case of multi-piece wheels, replace the o-ring seal
- In the case of tubeless mounting
 - With a rubber valve, this must be systematically replaced
 - With metallic valves, check the air tightness and continue with the replacement of valve cores or seals if necessary
- After fitting the tire to the vehicle, a torque wrench must be used to achieve the optimal torque as specified by the machine manufacturer.

PRECAUTIONS FOR INFLATING

Tire inflation is an essential factor, not only for optimization of tire performance but also in terms of SAFETY.

It is necessary for correct machine behavior (road holding and braking) as well as maintaining the tire's stability.

Only use inflation equipment intended for this purpose and fitted with a pressure limiter.

Everyone should be in the "Safety" zone (see diagram) during tire inflation. The red zone represents the area of greatest risk for being in the path of any potential discharge in the event of an incident.



* A minimum distance of 6 meters or 20 feet is required from the valve to the safety zone indicated in the diagram.

ADVICE AND RECOMMENDATIONS ON THE USE OF MICHELIN EARTHMOVER TIRES

OPERATING PRESSURE

The inflation pressure must follow the manufacturer's recommended inflation pressure.

In the absence of real data used to determine the tire pressure (weighing results, driving conditions, etc.), the operating pressure should be given only by the Michelin Representative or by a qualified professional who is trained to take into account the working conditions of the tire (ground conditions, cycle lengths, transported materials, etc.).

Underinflation or overinflation can significantly affect tire performance.

Running underinflated causes an abnormal rise in temperature of the tire and can cause the degradation of its components. This degradation is irreversible and may lead to damage of the tire, causing rapid deflation. The consequences of running with insufficient pressure are not necessarily immediate and may appear even after rectification of the tire inflation pressure.

STORAGE AND MAINTENANCE



Tires are rubber-based and are affected by conditions of storage and use.

Storage does not adversely affect the life of the tire, but it must be under specific conditions, limited in time, and as far as possible inside.

- In premises that are well-ventilated, dry and temperate, protected from direct sunlight and bad weather
- Away from any chemical substances, solvents or hydrocarbons likely to interfere with the nature of the rubber
- Away from any object that could penetrate the rubber (sharp metal, wood, etc.)
- Away from any source of heat, flame, incandescent object, material that could cause sparks or electrical discharges and any ozone sources (transformers, electric motors, soldering devices, etc.).

Poor handling of an unfitted tire can cause it to be irreparably damaged.

In order to eliminate the risk of bead damage and the problems which could result, we strongly advise that:

- 1 - The tire is not lifted directly by the bead with a crane hook.
- 2 - Flat straps are used (not steel slings or chains).
- 3 - The tire is lifted under the tread and not on the beads when a forklift truck with telescopic forks is used.

Moreover, accessories must be stored in their original packaging, on surfaces that do not present any danger of cutting, tearing or perforation.

In all cases, for the handling of tires and accessories, operators must

- Be equipped with protective clothing
- Observe the safety policies of the company
- Use suitable material/equipment for the job
- Not use instruments and/or equipment that may be harmful to tires

For more information, especially for terms and conditions of storage and height stacking of the tires, see Chapter 3 of the Use and Maintenance Guide.

ADVICE AND RECOMMENDATIONS ON THE USE OF MICHELIN EARTHMOVER TIRES

MACHINE CHECKS AND MAINTENANCE

GENERAL RECOMMENDATIONS

Ensure that the machine is stationary and secured before any inspection.

Tires must be inspected regularly in order to detect any unusual wear and potential damage.

Wheel torque must be checked in accordance with the machine manufacturer's recommendations.

Any perforations, cuts or visible distortion of the tread, sidewalls or flange area must be the subject of a thorough examination of the tire by a tire professional. It is the same for any damage to the rim. In all circumstances, do not put a tire that exhibits damage back into operation, such as deformed bead or visible bead wire, separations between components, visible cable cords, damage from petroleum products or corrosive particles, marbling or abrasion of the interior rubber resulting from any running at insufficient pressure.

Each time the machine is inspected, check that the valve cap is in good condition. If in doubt, replace it.

CHECKING FOR WEAR



Checking for wear must always be carried out at several points on the tire.

This check can be carried out using a tire depth gauge or by looking for signs of wear on the tread (noted on the sidewall by a symbol when present).

If the legal or technical limit for wear has been reached, the tire must be removed and replaced.

A tire professional should be consulted if there is abnormal wear or a difference in wear between two tires on the same axle.

REPAIR

Not all damage can be repaired.

All repairs must be carried out by a trained and qualified tire professional.

A qualified tire professional should perform a detailed inspection of the tires before repairs can be made. A tire that has been run underinflated or flat



may have suffered irreversible damage and only an exhaustive check of the interior of the tire will enable a diagnosis of whether or not the tire can be put back into use.

Therefore, removal of the tire is essential in order to assess with certainty its actual condition and the type of repair required.

PRESSURE

Given that a tire loses pressure naturally, it is necessary to adjust it periodically.

This check will enable any abnormal loss of pressure to be detected.

This check must be carried out on all the vehicle's tires.

A tire operated with insufficient pressure will undergo an abnormal rise in operating temperature, which can lead to irreversible damage of internal components and cause its complete destruction, to include rapid deflation of the tire. The consequences of running with insufficient inflation pressure are not necessarily immediate and may appear even after rectification.

Excessive pressure can cause rapid and irregular wear, resulting in increased susceptibility to impacts (tread damage, rupture of the casing, etc.).

It is recommended that tire pressures are checked when tires are cold. If they are checked after running, the tires are hot and pressure will not be accurate.

If pressure is checked when hot, the pressure should be readjusted according to the manufacturer's recommendations (consult your Michelin Representative).

Given that pressure increases with temperature, a hot tire must never be deflated.

Always respect the equality of pressure between dual tires.

Inflation with nitrogen is not an exemption from the need to check tire pressure regularly.

In all circumstances, adhere to the pressures recommended by the machine or tire manufacturers.



ADVICE AND RECOMMENDATIONS ON THE USE OF MICHELIN EARTHMOVER TIRES

PRODUCT LIFE

Tires are made from different types of materials and rubber-based components, whose properties are essential to the proper running of the tire itself. These properties evolve over time.

For each tire, this evolution depends on many factors, such as climate, storage conditions (temperature, humidity, position, etc.), and conditions of use (load, speed, inflation pressure, road damage, etc.) to which the tire is subjected during its working life.

These in-use conditions vary so much that it is impossible to predict the life of a tire with any accuracy. This is why, in addition to regular user checks, it is recommended to have the tires regularly checked by a qualified tire professional, who will determine whether the tire is fit to continue in operation.

Michelin may in no way be held responsible for damage that may occur as a result of use contrary to its instructions.

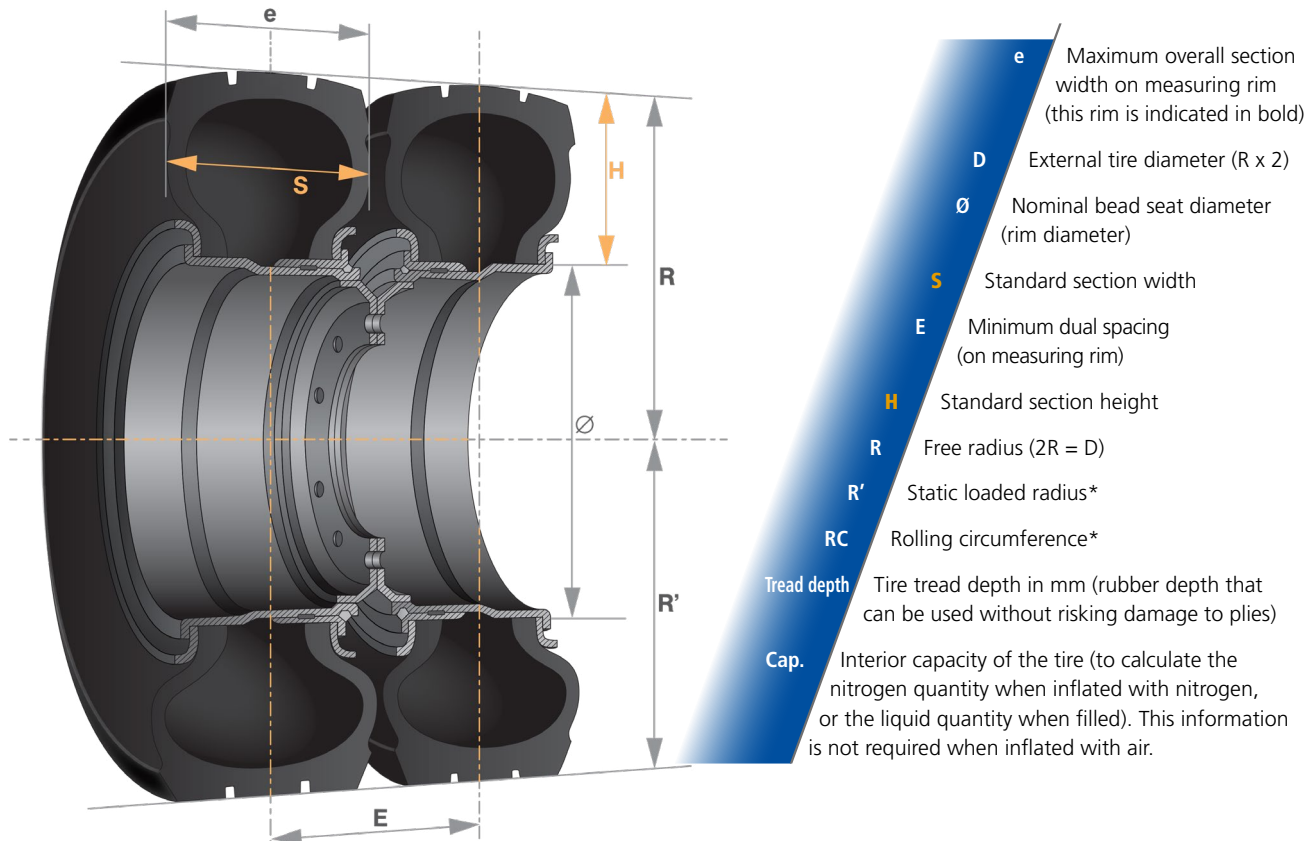
The preceding information is extracted from the **USE AND MAINTENANCE GUIDE FOR MICHELIN® EARTHMOVER TIRES.**

For more details, consult our website business.michelinman.com OR YOUR MICHELIN REPRESENTATIVE.



**ADVICE AND RECOMMENDATIONS ON THE USE
OF MICHELIN EARTHMOVER TIRES**

EXPLANATION OF THE DIFFERENT MEASUREMENTS



EXPLANATION OF THE DIFFERENT MEASUREMENTS

*Determined by the reference conditions.

The dimensional data given in tabular form in this publication (as indicated above) conforms to those of the European Standard (E.T.R.T.O.). They are given for information only and may change.

READING GUIDE FOR LOAD, PRESSURE AND USE TABLES

Remember: the correct pressure for the tire (on a site and for a job) depends on the working conditions and type of use.

In order to obtain optimum performance from the tire, it is advised that:

- The machine is weighed under working loads
- The maximum distance allowed per hour for the tire is not exceeded

The shaded box of pressure, load and use tables is the value defined by the industry standards. Up to this limit, the tire works in an optimal zone leading to a better balance of performance.

The use of MICHELIN® Earthmover tires outside the specification of pressure, load and use tables must have a prior technical validation given by your Michelin® Representative.

CLASSIFICATION OF MICHELIN TIRES

ACCORDING TO THEIR ASPECT RATIO

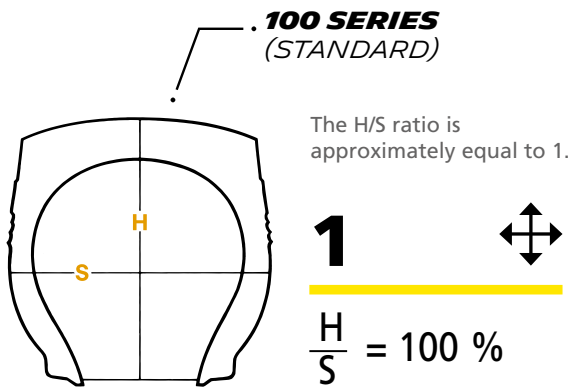
The wide diversity of earthmover machines and their uses requires the development of numerous ranges of tires.

Earthmover tires differ from those mounted on cars or commercial vehicles by:

- Their size and weight
- Their tread depths, which are proportionally greater
- More reinforcements to deal with the harsher conditions of use

There are several families of earthmover tires, characterized by their aspect ratio H/S (ratio in % between the height of the sidewall H and the section width of the tire S).

H = standard section height (see page 139) **S** = standard section width (see page 139)

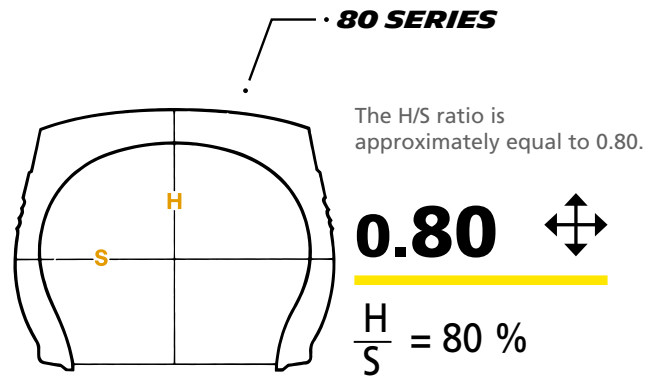


The section width is expressed in inches with two decimal places.

Examples: 18.00 R 33

Tires for rigid trucks, handling equipment, etc.

The aspect ratio is not indicated in the size designation.



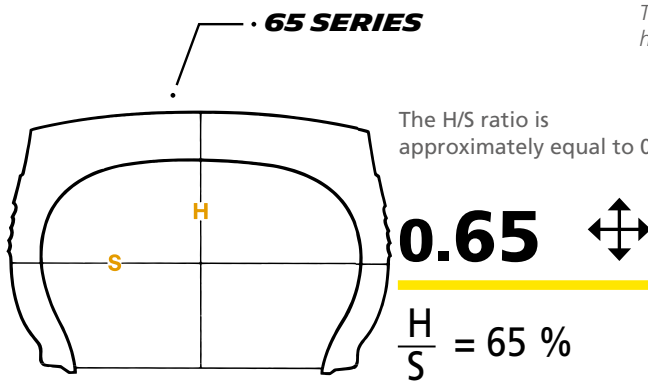
The section width is expressed in inches and fractions of an inch.

Examples: 8.25 R 15, 20.5 R 25

The aspect ratio is not indicated in the size designation or in inches followed by the number 80

Example: 59/80 R 63

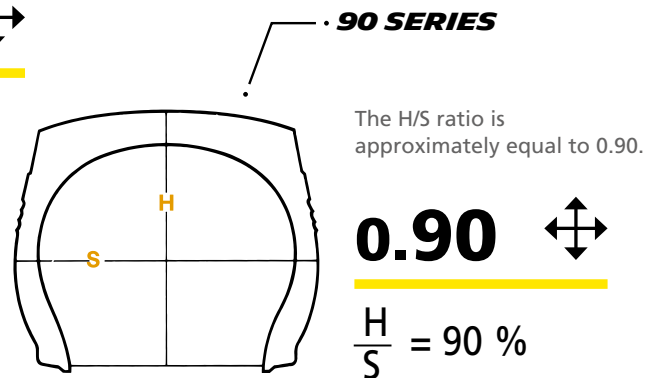
Tires for rigid trucks, articulated dumpers, loaders, handling equipment, etc.



The section width is expressed in inches or in millimeters, followed by the number 65.

Examples: 35/65 R 33, 750/65 R 25

Tires for large loaders, articulated trucks, etc.



The section width is expressed in inches followed by the number 90.

Example: 50/90 R 57

Tires for rigid trucks

Other series of tires are also available: 95 series, 75 series, etc.

CLASSIFICATION OF MICHELIN TIRES

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

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

This is an international classification:

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

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

Within these categories, there are different tread depths and special tread patterns, for very specific uses.

These are identified by a number.

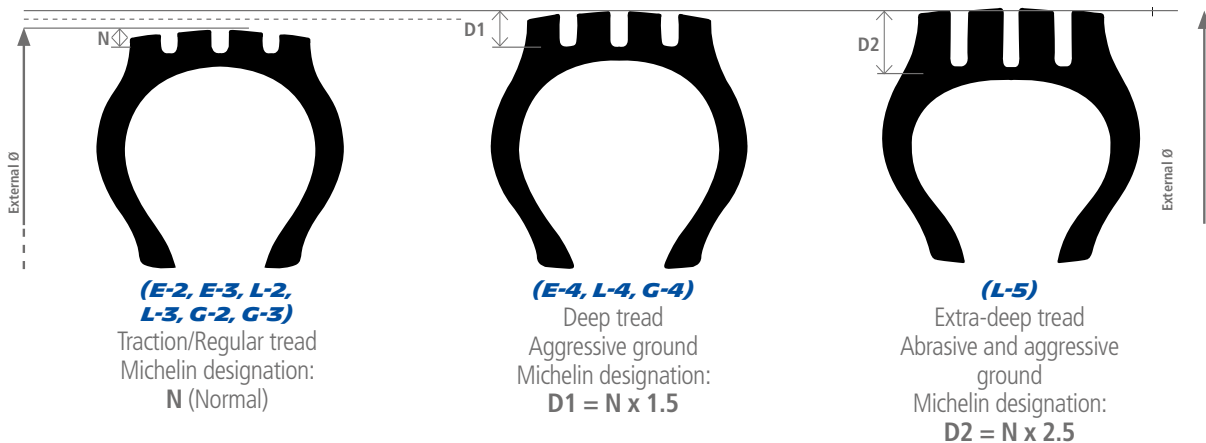
They must be chosen according to the type of ground and the tire's condition of use.

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

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

ACCORDING TO THEIR TREAD DEPTHS

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



SUMMARY

CODE	TREAD PATTERN	APPLICATION
C-1	SMOOTH	Compactor
E-1	RIBBED	Transport
E-2	TRACTION	
E-3	REGULAR TREAD	
E-4	DEEP TREAD	
E-7	FLOTATION	
SH-3	REGULAR TREAD	Subterranean
SH-4	DEEP TREAD	Transport
G-1	RIBBED	Grader
G-2	TRACTION	
G-3	REGULAR TREAD	
G-4	DEEP TREAD	
G-5	VERY DEEP TREAD	
L-2	TRACTION	Loader Bulldozer
L-3	REGULAR TREAD	
L-4	DEEP TREAD	
L-5	VERY DEEP TREAD	
L-3S	SMOOTH REGULAR TREAD	
L-4S	SMOOTH DEEP TREAD	
L-5S	SMOOTH VERY DEEP TREAD	

In addition, Michelin provides complementary identification to some earthmover tires:
 T = Traction, R = Rock, V = Speed, F = Flotation,
 P = Multi-purpose, S/R = Smooth/Rock
 e.g.: L-3T Normal tread depth tire (L-3; Standardized identification code) where traction is needed

TIRE MARKINGS

WHAT YOU CAN LEARN FROM THE SIDEWALL MARKING



MICHELIN®
X MINE® D2

- 1 Nominal section width of the tire (in inches): 35
- 2 Tire series: aspect ratio = 0.65
- 3 Radial construction: R
- 4 Rim diameter (in inches): 33
- 5 Load index of the tire: **
- 6 Type of use: loader (L) with deep tread (5)
- 7 Radial tire
- 8 Tire for loader
- 9 Tubeless tire
- 10 Manufacturer: Michelin
- 11 Tread pattern: X MINE D2



MICHELIN®
X-CRANE +®

- Radial construction
- Nominal section width of the tire (in mm): 525
- Tire series: aspect ratio = 0.80
- Rim diameter (in inches): 25
- Tubeless
- Brand: Michelin
- Tread pattern: X-CRANE +
- 12 Load index of the tire: 170
- 13 Reference speed symbol of the tire: F
- 14 Regroovable

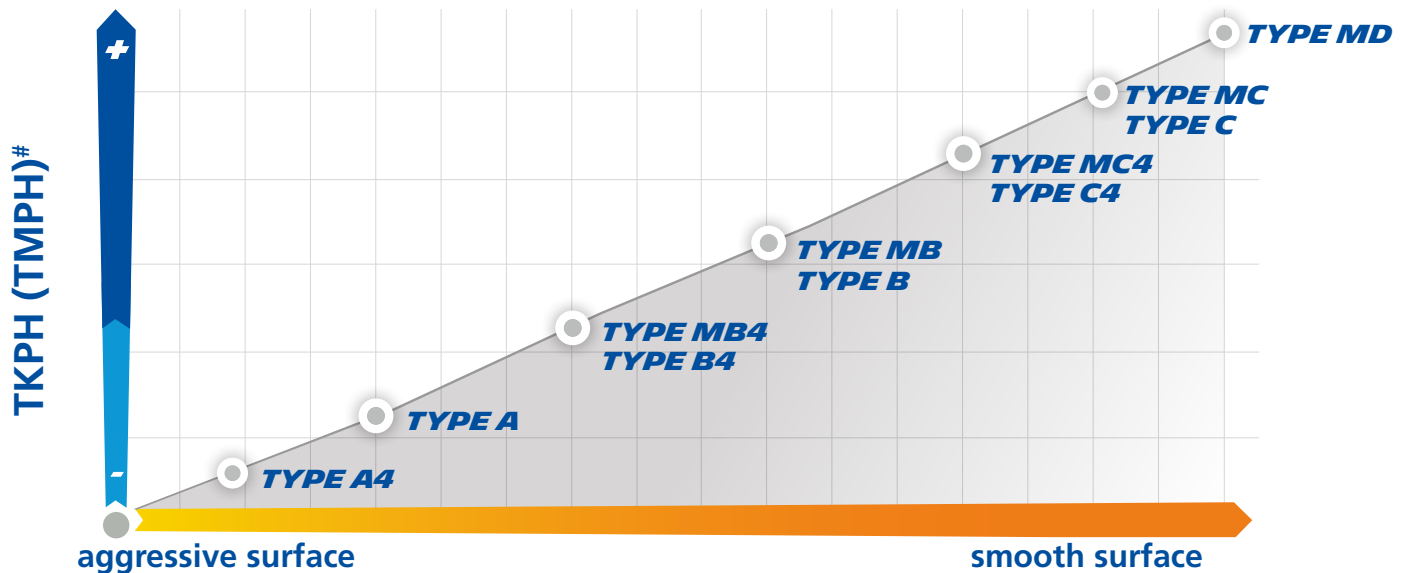


MICHELIN®
XDR® 2

- Radial construction
- Nominal section width of the tire (in inches): 37
- Rim diameter (in inches): 57
- Tubeless
- Brand: Michelin
- 15 Tire compound: B4
- Tread pattern: XDR 2
- Identification code: E4 (transport, deep tread)
- Load capacity: **

MICHELIN EARTHMOVER TIRE COMPOUNDS

	TYPES	DESCRIPTION	TKPH (TMPH)#
Aggression Resistant	A4	Particularly resistant to cuts, tread tearing and abrasion on very rough surfaces	Minimum
	A	Particularly resistant to cuts, tread tearing and abrasion at average speeds that are higher than those for A4 (above)	Low
Standard	B4	Compromise solution between abrasion resistance and average speed on rough surfaces	Moderate
	MB4	Same as Type B4 but with a higher wear resistance	
	B	Higher resistance to internal heat generation on surfaces that are not particularly rough	Average
	MB	Same as Type B but with a higher wear resistance	
Heat Resistant	C4	Adapted to running on long cycles at high speeds on well-maintained roads	High
	MC4	Same as Type C4 but with a higher wear resistance	
	C	Very high resistance to high average speeds on long cycles run on well-maintained roads	Very High
	MC	Same as Type C but with a higher wear resistance	
	MD	Maximum resistance to highest average speeds on long cycles run on well-maintained roads	



TKPH: Ton kilometer per hour
 TMPH: Ton mile per hour
 (#) see page 174



LOAD INDEX–SPEED SYMBOL

Some tires bear a load index and a speed symbol.

LOAD INDEX (LI) AND MAXIMUM LOAD (KG/LB)

The *load index* is a numerical code which indicates the maximum load a tire can carry at the speed corresponding to its speed symbol, under specified conditions.

LI			LI			LI			LI			LI		
MAXIMUM LOAD			MAXIMUM LOAD			MAXIMUM LOAD			MAXIMUM LOAD			MAXIMUM LOAD		
LI	KG	LB	LI	KG	LB	LI	KG	LB	LI	KG	LB	LI	KG	LB
120	1400	3080	155	3875	8550	189	10300	22700	224	28000	61500	259	77500	171000
121	1450	3200	156	4000	8800	190	10600	23400	225	29000	64000	260	80000	176500
122	1500	3300	157	4125	9100	191	10900	24000	226	30000	66000	261	82500	182000
123	1550	3420	158	4250	9350	192	11200	24700	227	30750	68000	262	85000	187500
124	1600	3520	159	4375	9650	193	11500	25400	228	31500	69500	263	87500	193000
125	1650	3640	160	4500	9900	194	11800	26000	229	32500	71500	264	90000	198500
126	1700	3740	161	4625	10200	195	12150	26800	230	33500	74000	266	95000	209500
127	1750	3860	162	4750	10500	196	12500	27600	232	35500	78500	267	97500	215000
128	1800	3960	164	5000	11000	198	13200	29100	233	36500	80500	268	100000	220500
130	1900	4180	165	5150	11400	199	13600	30000	234	37500	82500	269	103000	227000
131	1950	4300	166	5300	11700	200	14000	30900	235	38750	85500	270	106000	233500
132	2000	4400	167	5450	12000	201	14500	32000	236	40000	88000	271	109000	240500
133	2060	4540	168	5600	12300	202	15000	33100	237	41250	91000	272	112000	247000
134	2120	4680	169	5800	12800	203	15500	34200	238	42500	93500	273	115000	253500
135	2180	4800	170	6000	13200	204	16000	35300	239	43750	96500	274	118000	260000
136	2240	4940	171	6150	13600	205	16500	36400	240	45000	99000	275	121000	267000
137	2300	5080	172	6300	13900	206	17000	37500	241	46250	102000	277	128000	283500
138	2360	5200	173	6500	14300	207	17500	38600	243	48750	107500	278	132000	291000
139	2430	5360	174	6700	14770	209	18500	40800	244	50000	110000	279	136000	300000
141	2575	5680	175	6900	15200	210	19000	41900	245	51500	113500	280	140000	308500
142	2650	5840	176	7100	15700	211	19500	43000	246	53000	117000	281	145000	319500
143	2725	6000	177	7300	16100	212	20000	44100	247	54500	120000	282	150000	330500
144	2800	6150	178	7500	16500	213	20600	45400	248	56000	123500	283	155000	341500
145	2900	6400	179	7750	17100	214	21200	46700	249	58000	128000	284	160000	352500
146	3000	6600	180	8000	17600	215	21800	48100	250	60000	132500	285	165000	364000
147	3075	6800	181	8250	18200	216	22400	49400	251	61500	135500	286	170000	375000
148	3150	6950	182	8500	18700	217	23000	50700	252	63000	139000	287	175000	386000
149	3250	7150	183	8750	19300	218	23600	52000	253	65000	143500	288	180000	397000
150	3350	7400	184	9000	19800	219	24300	53600	254	67000	147500	289	185000	408000
151	3450	7600	185	9250	20400	220	25000	55100	255	69000	152000			
152	3550	7850	186	9500	20900	221	25750	56800	256	71000	156500			
153	3650	8050	187	9750	21500	222	26500	58400	257	73000	161000			
154	3750	8250	188	10000	22000	223	27250	60000	258	75000	165500			

SPEED SYMBOLS

The *speed symbol* indicates the maximum speed at which the tire can carry a load corresponding to its load index, under specified conditions.

CODE	A2	A3	A4	A5	A6	A8	B	C	D	E	F	G
speed (km/h)	10	15	20	25	30	40	50	60	65	70	80	90
speed (mph)	6	9	12	15	19	25	31	37	40	43	50	56

Examples of tire marking:

23.5 R 25 X®-SUPER TERRAIN TL 185 B; this tire is able to carry 9250 kg at a speed of 50 km/h (20,390 lb at 31 mph)
445/95 R 25 X-CRANE® TL 174 F; this tire is able to carry 6700 kg at a maximum speed of 80 km/h (14,770 lb at 50 mph)

It is imperative:

- Not to exceed the permitted maximum speed of the tire.
- Not to exceed the permitted maximum distances in one hour as indicated in the tables of tire characteristics.
- Not to exceed the permitted TKPH
- That, at the time of fitting, the various markings be checked in order to be certain that the tire is suitable for operation at the maximum allowed vehicle speed and load.

EQUIVALENCE OF RESISTANCE INDEX (PR: PLY RATING)

To be used as a reference for the replacement of a bias ply tire by a MICHELIN® Radial tire.

SIZES AND MARKINGS	WORK MACHINES PR	TRANSPORT MACHINES PR	SIZES AND MARKINGS	WORK MACHINES PR	TRANSPORT MACHINES PR	SIZES AND MARKINGS	WORK MACHINES PR	TRANSPORT MACHINES PR
7.50 R 15	12		17.5 R 25 **	20	24	35/65 R 33 *	36	
8.25 R 15	12		18.00 R 25 *	24		35/65 R 33 ** (1)		
10.00 R 15			445/95 R 25 (174E, 177E, 177F)			35/65 R 33 E4**** L4**** (1)		
350/65 R 15 (1)			445/80 R 25 (170E)			37.5 R 33 **		48
14.5 R 15			18.00 R 25 **		36	21.00 R 35 **		44
400/80 R 15 (1)			20.5 R 25 *	24		24.00 R 35 **		48
9.00 R 20	16		20.5 R 25 **		28	29.5 R 35 **		40
10.00 R 20	16		505/85 R 25 (183E)			33.25 R 35 **		44
12.00 R 20	18		550/65 R 25 * (1)			37.25 R 35 **		48
E20 (13./80 R 20) (1)			21.00 R 25 **		40	37.5 R 39 **		52
14.00 R 20 (1)			23.5 R 25 *	28		40/65 R 39 *	42	
16.00 R 20			23.5 R 25 **		32	40.5/75 R 39 **		54
525/70 R 20.5			525/80 R 25 (179E)			45/65 R 39 * (1)		
24 R 20.5			600/65 R 25 * (1)			45/65 R 45 *	50	
24 R 21			650/65 R 25 (1)			24.00 R 49 **		48
12.00 R 24 ***	24	24	26.5 R 25 *	32		27.00 R 49 **		54
13.00 R 24 TG *	14		26.5 R 25 **		32	30.00 R 51 **		64
14.00 R 24 TG *	16		750/65 R 25 (1)			33.00 R 51 **		68
14.00 R 24	24		29.5 R 25 *	34		36.00 R 51 **		74
14.00 R 24 ***	28	32	29.5 R 25 **		34	50/65 R 51 ** (1)		
385/95 R 24 (170E, 170F)			850/65 R 25 (1)			37.00 R 57 ** (1)		
15.00 R 24 (17/80 R 24) (1)			26.5 R 29 **		34	40.00 R 57 **		78
16.00 R 24 TG *	16		775/65 R 29 (1)			50/80 R 57 ** (1)		
16.00 R 24 **		36	29.5 R 29 *	34		55/80 R 57 * (1)		
13.00 R 25 ***		28	29.5 R 29 **		40	50/90 R 57 ** (1)		
14.00 R 25 ***		32	33.25 R 29 **		44	60/80 R 57 (1)		
385/95 R 25 (170E, 170F)			800/65 R 29 * (1)			53/80 R 63 ** (1)		
15.5 R 25 *	16		875/65 R 29 (1)			55/80 R 63 ** (1)		
16.00 R 25 **		36	18.00 R 33 **		40	56/80 R 63 ** (1)		
395/80 R 25 (165E)			21.00 R 33 **		32	59/80 R 63 ** (1)		
17.5 R 25 *	16		33.5 R 33 **		44			

(1) No corresponding PR in these sizes which are only made in Radial construction.

TECHNOLOGY OF MICHELIN RADIAL CASING TIRES

A tire's construction is the key to its performance, and outstanding tire performance is a key competitive advantage for transport and working machines in the earthmover industry.

Earthmoving equipment can achieve outstanding performance by using Radial tires.

COMPOSITION

The Radial design combines metal or fabric plies, extending from one bead to the other, with a belt made of several steel plies designed to reinforce the crown of the tire.

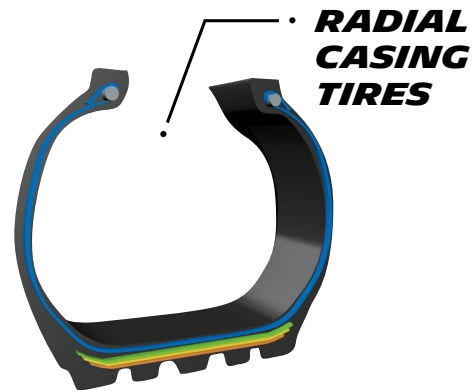
A UNIQUE CONSTRUCTION WITH NUMEROUS ADVANTAGES

The sidewalls and crown work independently:

- Minimizing the deformation of the contact patch and the weight of the tire
- Improving adhesion and traction while slowing down the rate of wear
- Increasing the load capacity as the metal casing can take higher inflation pressures

The flexibility of the sidewalls of a Radial tire therefore provides greater comfort with:

- No compromise on stability
- Better resistance to damage and punctures



TIRE PERFORMANCE LEVELS THAT TRANSFORM MACHINE PERFORMANCE

Michelin invented the Radial design and is an expert in this field. Radial tires significantly improve the productivity of earthmover machines. The Radial technology offers the best compromise between the following factors: load, speed, operational efficiency of the machines, tire service life, operator safety, etc.

Using a Radial tire also improves fuel economy and reduces the environmental footprint.

THE MICHELIN® XHA® 2 TIRE



23.5-25 BIAS

Two machines are launched at 30 km/h. After disengaging the motor, we measure the distance traveled. The machine equipped with MICHELIN® tires has less rolling resistance and therefore travels further. This equates to lower fuel consumption in operation.

Image from tests carried out in our research and development in Almeria in Spain.

ADVICE AND RECOMMENDATIONS ON THE USE OF MICHELIN EARTHMOVER TIRES

USE OF TIRES

FITTING OF TG MICHELIN® EARTHMOVER TIRES (24-INCH DIAMETER)

TG tires (MICHELIN® XGLA2™, MICHELIN® X-SNOPLUS®) must only be fitted on drop-center and semi drop-center or single-piece wheels.

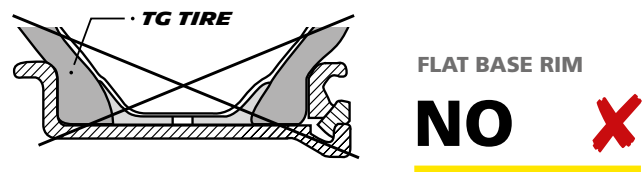
Do not fit these tires on flat-base rims, which are incompatible because they have differences in seat diameter.

FITTING OF 15.5 R 25* AND 17.5 R 25* MICHELIN® EARTHMOVER TIRES

L2* (MICHELIN® XTLA™ and MICHELIN® X-SNOPLUS®) and L3* (MICHELIN® XHA®) and the MICHELIN® X CRANE + dimension 445/95 R 25 can be fitted to:

- Multi-piece SDC or flat-base rims
- Single-piece rims

NOTE: L3** and L5 tires can only be fitted to multi-piece rims.



EXPLANATION OF THE DIFFERENT USES

Important: Load/pressure scales are classified according to different uses of machines.

LOADERS

Front Laden

This table is used in priority. The loads come from the weighing of the loader or the axle weight given by the manufacturer.

This is the pressure, load and use table built from the maximum reference point given by the standards.

For front tires of the loader, it is possible to increase the pressure value given in Table Front Laden up to 1 bar without changing the carrying capacity. The resulting pressure must remain below the maximum values of inflation pressure when the latter is specified (see previous page).

Rear Unladen

This table is used when the weight of the rear axle of the unladen loader is known or when the rear axle weight is given by the manufacturer.

COMPACTOR

10 and 15 km/h

These tables give the maximum work speeds of the compactors. In all cases, the indications and the instructions from the manufacturer must be applied (table indicating the pressure according to the work to be carried out).

UNDERGROUND MINING MACHINES

This is the table that is used for tires fitted to underground transport machines.

ADVICE AND RECOMMENDATIONS ON THE USE OF MICHELIN EARTHMOVER TIRES

GRADERS

All Axles

This is the table that is used when one has determined the axle load (by weight or by the manufacturer).

This table is derived from a reference speed of 40 km/h. For higher speeds, a reduction in carrying capacity, as shown in the table below, is applied in accordance with the standards (ex: Year Book TRA 2019, page 4-28).

SPEED OF USE (KM/H)	VARIATION IN LOAD CAPACITY (%)
40	0
50	- 9
60	- 18
65	- 27

TRANSPORT (RIGID DUMP TRUCKS, TRUCKS, ETC.), ARTICULATED DUMP TRUCKS, SCRAPERS

Standard

Table loads/pressures built from the reference point *Off-the-Road Haulage Service*. This is the table that is used when one has determined the axle load (by weighing or from the manufacturer's data).

CRANES AND SIMILAR SPECIALIZED MACHINES

Standard

This is the table *Load/Speed/Pressure* that is used to adjust the pressure at the desired load based on maximum rates of use for the tires fitted on vehicles (all-terrain, mobile cranes, intervention vehicles...).

There are two ranges of tires. Reference speed 70 km/h, Speed Symbol E or reference speed 80 km/h, Speed Symbol F.

USE IN DESERTS AND SIMILAR CONDITIONS

Depending on whether the vehicle is fitted as single or twin, the corresponding load table will be adopted.

1-Road in Single/Road in Twin:

These pressures are to be applied when the vehicle runs on good roads. (This means asphalt or compacted surfaces.) For these conditions, the pressures have been calculated for a maximum speed of 80 km/h (50 mph) or 65 km/h (40 mph) depending on the tire size considered.

2-Track in Single/Track in Twin:

These pressures are recommended for driving on roads in poor condition, washboard (corrugated) and gravel or desert surfaces.

For these conditions, the pressures have been calculated

- for a maximum speed of 65 km/h (40 mph) if the speed on road is 80 km/h (50 mph)
- or a maximum speed of 50 km/h (30 mph) if the speed on road is 65 km/h (40 mph)

3-Sand in Single/Sand in Twin:

These pressures are used to allow the vehicle to cross without difficulty the difficult areas where the problem of adhesion or depression can be important. To avoid premature depletion of the kilometeric performance, the speed must be limited


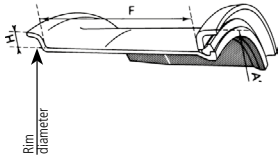
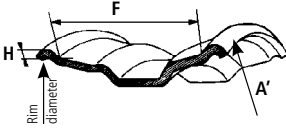

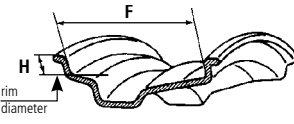
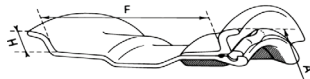
- to 20 km/h (12.5 mph) if the speed on road is 80 km/h (50 mph)
- to 15 km/h (9.3 mph) if the speed on road is 65 km/h (40 mph)

After sand use, the pressure must be readjusted for subsequent conditions of use (road or track).

COMPONENTS USED WITH MICHELIN EARTHMOVER TIRES

APPROVED RIMS FOR MICHELIN EARTHMOVER TIRES

Check that the rim support is at least the weight carried by the tire.

RIM TYPES	RIM DESIGN.	F MM INCHES	H ⁽¹³⁾ MM INCHES	D ⁽¹⁴⁾ MM INCHES		RIM R/A ⁽¹⁵⁾	TIRE SIZES	SEAL				
								TL	TT			
FLAT-BASE RIMS  	15 - 6.00 S	152.4 6.0	33.3 1.3	387,0	381,0	A	7.50 R 15	None				
	20 - 7.33 V	186.2 7.3	44 1.7	511,2	508,0	A	9.00 R 20 X MINE D2	Tyran (A 20)	NA	2		
	20 - 8.00 V	203.2 8.0	44 1.7			A	E 20 (13/80 R 20) Pii XLC		NA	2		
	20 - 8.50 V	215.9 8.5	44 1.7			A	E 20 (13/80 R 20) Pii XLC		NA	2		
	20 - 9.00 V	228.6 9.0	44 1.7			A	12.00 R 20 X MINE D2		NA	2		
	20 - 10.00 V	254 10.0	44 1.7			A	E 20 (13/80 R 20) Pii XLC		NA	2		
						A	E 20 (13/80 R 20) Pii XLC		NA	2		
	20 - 10.00 W	254 10.0	51 2.0	R	16.00 R 20 XZL		2		2			
				A	14.00 R 20 X MINE D2		2		2			
	20 - 11.25	286 11.3	51 2.0	511,0		A	16.00 R 20 XZL		None	2	2	
	21 - 18.00	457.2 18.0	38 1.5			R	24 R 21		(OR 6.8-21)			
	15° TAPER DROP CENTER RIMS (DC - DROP CENTER) 	24 - 7.33 V	186.2 7.3	44 1.7	612,8	609,6	A		12.00 R 24 ***	None		
		24 - 8.00 V	203.2 8.0	44 1.7			A		12.00 R 24 X MINE D2	G25	2	2
							A		12.00 R 24 ***	None		
24 - 8.50 V		216 8.5	44 1.7	A			12.00 R 24 X MINE D2		G25	2	2	
				A			12.00 R 24 ***	None				
24 - 9.00 V		228.6 9.0	44 1.7	A			12.00 R 24 X MINE D2	G25	2	2		
				A			14.00 R 24 ***	None				
24 - 10.00 W		254 10.0	51 2.0	A			14.00 R 24 ***	None	2	2		
				A			15.00 R 24 Pii	None	2	2		
				A			15.00 R 24 Pii	None	2	2		
			A	385/95 R 24	None	2	2					
20.5 x 16.00	406.5 16.0	12.7 0.5	520,7	R	525/65 R 20.5							
				R	24 R 20.5							
5° TAPER DROP CENTER RIMS (DC - DROP CENTER)  	24 x 9.00/1.5	228 9.0	38 1.5	614,4		A	14.00 R 24 * TG	None				
	25 x 12.00/1.3	305 12.0	33 1.3	635,0	A	15.5 R 25 * L2 - L3						
					A	15.5 R 25 * L2 - L3						
	25 x 13.00/1.4	330 13.0	36 1.4		A	17.5 R 25 * L2 - L3						
	25 x 14.00/1.3	355 14.0	33 1.3		A	17.5 R 25 * L2 - L3						
					A	17.5 R 25 * L2 - L3						
25 x 14.00/1.5	355 14.0	38 1.5	A		17.5 R 25 * L2 - L3							
635 x 280 CR	280 11.0	43 1.7	A	445/95 R 25 X CRANE +								
5° TAPER SEMI-DROP CENTER RIMS (SDC - SEMI-DROP CENTER) 	24 - 8.00 TG SDC	203 8.0	35.5 1.4	614,4			13.00 R 24 * TG	Heupo (OR 2-25)				
					R		14.00 R 24 * TG					
	24 - 10.00 VA SDC	254 10.0			43 1.7	A			14.00 R 24 * TG			
					R		16.00 R 24 * TG					

** R = Recommended - A = Allowed

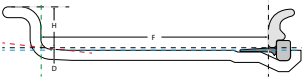
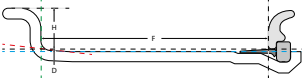


See note page about TG tire fitment.

COMPONENTS USED WITH MICHELIN EARTHMOVER TIRES

APPROVED RIMS FOR MICHELIN EARTHMOVER TIRES

Check that the rim support is at least the weight carried by the tire.

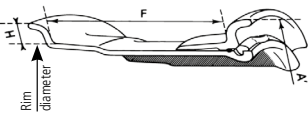
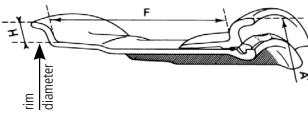
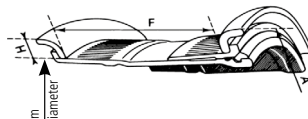
RIM TYPES	RIM DESIGN.	F MM INCHES	H ⁽¹³⁾ MM INCHES	D ⁽¹⁴⁾ MM INCHES		RIM R/A ⁽¹⁵⁾	TIRE SIZES	SEAL					
								TL	TT				
5° TAPER BEAD SEAT RIMS  (Removable bead seat, split)	15 - B 6.5	165.1 6.5	38.1 1.5	385,8	385,8	A A	7.50 R 15 8.25 R 15	None					
	15 - 10.50	267 10.5	38 1.5			R A	14.5 R 15 350/65 R 15						
	20 - B 6.5	165.1 6.5	38.1 1.5	512,8	512,8	A	9.00 R 20	Tyran (A 20)					
	20 - B 7.0	177.8 7.0	38.1 1.5			A	9.00 R 20 X MINE D2		NA	2			
	20 - B 7.5	190.5 7.5	43.2 1.7			A	9.00 R 20 X MINE D2		NA	2			
	20 - B 8.0	203.2 8.0	43.2 1.7			A	E-20 (13/80 R 20) Pii XLC		NA	2			
	20 - B 8.5	216 8.5	45.7 1.8			A	12.00 R 20						
			A			E-20 (13/80 R 20) Pii XLC	NA		2				
5° TAPER BEAD SEAT RIMS (ADVANCED RIM)  (Removable bead seat, split)	15 - 5.5	139.7 5.5	30.5 1.2	387,4	387,0	A	7.50 R 15	None					
	15 - 6.0	152.4 6.0	33 1.3			R A	7.50 R 15 8.25 R 15						
	15 - 6.5	165.1 6.5	35.6 1.4			A R	7.50 R 15 8.25 R 15						
	15 - 7.0	177.8 7.0	38 1.5			A	10.00 R 15 8.25 R 15						
	15 - 7.5	190.5 7.5	40.6 1.6			R	10.00 R 15						
	15 - 11.0	279.4 11	38 1.5			A	14.5 R 15						
	15 - 11.00 BD	279.4 11	36 1.4			A	14.5 R 15						
	15 - 11.50	292.1 11.5	38 1.5	A R R	14.5 R 15 350/65 R 15 400/80 R 15								
	20 - 6.5	165.1 6.5	35.6 1.4	514,4	514,0	A	9.00 R 20 X MINE D2	Tyran (A 20)	NA	2			
	20 - 7.0	177.8 7.0	38 1.5			R	9.00 R 20 X MINE D2		NA	2			
	20 - 7.0 T	177.8 7.0	38.1 1.5			A	9.00 R 20 X MINE D2		NA	2			
	20 - 7.5	190.5 7.5	40.6 1.6			A A	9.00 R 20 X MINE D2 E 20 P (13/80 R 20)						
	20 - 8.0	203.2 8.0	43.2 1.7			A A	12.00 R 20 X MINE D2 E 20 (13/80 R 20) Pii XLC		NA NA	2 2			
	20 - 8.0 V	203.0 8.0	44.4 1.7			A	E 20 (13/80 R 20) Pii XLC		NA	2			
	20 - 8.5	215.9 8.5	45.7 1.8			R A	12.00 R 20 X MINE D2 E 20 (13/80 R 20) Pii XLC		NA NA	2 2			
	20 - 8.5 V	216 8.5	44.4 1.7			A A	12.00 R 20 X MINE D2 E 20 (13/80 R 20) Pii XLC		NA NA	2 2			
	20 - 9.0	228.6 9.0	48.3 1.9			A R	12.00 R 20 X MINE D2 E 20 (13/80 R 20) Pii XLC		NA NA	2 2			
	20 - 10.0	254 10.0	50.8 2.0			A R	E 20 (13/80 R 20) Pii XLC 14.00 R 20 X MINE D2		NA NA	2 0			
	24 - 7.5	190,5 7,5	40,5 1,6			616,0	615,6		A	12.00 R 24 X MINE D2	G25	2	2
									A	12.00 R 24 XSM D2	G25	2	2
									A	12.00 R 24 XKA***	G25	2	2
	24 - 8.0	203.2 8.0	43.2 1.7						A	12.00 R 24 ***	None		
									A	12.00 R 24 X MINE D2	G25	NA	2
	24 - 8.5	215.9 8.5	45.7 1.8						R	12.00 R 24 ***	G25	NA	2
										12.00 R 24 X MINE D2			
	24 - 9.0	228.6 9.0	48.3 1.9	A A	14.00 R 24 non TG 15.00 R 24 Pii			G25 G25	NA NA	0 0			
	24 - 10.0	254 10.0	50.8 2.0	R R	14.00 R 24 non TG 15.00 R 24 Pii			G25	NA NA	0 0			
			R	385/95 R 24				NA	0				

** R = Recommended - A = Allowed

COMPONENTS USED WITH MICHELIN EARTHMOVER TIRES

APPROVED RIMS FOR MICHELIN EARTHMOVER TIRES

Check that the rim support is at least the weight carried by the tire.

RIM TYPES	RIM DESIGN	F MM INCHES	H ⁽¹³⁾ MM INCHES	D ⁽¹⁴⁾ MM INCHES	RIM R/A ⁽¹⁵⁾	TIRE SIZES	SEAL		
							TL	TT	
5° TAPER BEAD SEAT RIMS (3 PIECES) 	24 - 11.25/1.3	286 11.3	33 1.3	616,0	A	385/95 R 24 X CRANE	G25	NA	0
	25 - 10.00/1.5	254 10.0	38 1.5		A	14.00 R 25 385/95 R 25	Heupo (OR 2-25)		
	25 - 11.25/1.3	286 11.3	33 1.3			A		14.00 R 25 385/95 R 25	
	25 - 11.25/2.0 IN ^(*)	284 11.2	51 2.0		A R A	14.00 R 25 16.00 R 25 445/95 R 2	Sulla (OR 3-25)		
	25 - 12.00/1.3	305 12.0	33 1.3		R R	15.5 R 25 385/95 R 25	Heupo (OR 2-25)		
	25 - 13.00/2.5 IN ^(*)	330 13.0	63.5 2.5		R R	18.00 R 25 505/85 R 25	Sulla (OR 3-25)		
	25 - 14.00/1.3	356	33		R	445/80 R 25	Heupo (OR 2-25)		
		14.0	1.3						
	25 - 14.00/1.5	355 14.0	38 1.5		R A	17.5 R 25 445/80 R 25			
	25 - 15.00/3.0 IN ^(*)	381 15.0	76 3.0		R	21.00 R 25	Sulla (OR 3-25)		
	25 - 17.00/1.7	432 17.0	43 1.7		R R	20.5 R 25 * 550/65 R 25	Heupo (OR 2-25)		
						A			
	25 - 17.00/2.0 IF ^(*)	432 17.0	51 2.0		R	20.5 R 25	Sulla (OR 3-25)		
					A A	525/80 R 25 550/65 R 25			
	A	600/65R25 XLD 65							
	R	23.5 R 25							
	R	600/65 R 25 650/65 R 25 660/65 R 25							
	R	26.5 R 25							
R	650/65 R 25 660/65 R 25 750/65 R 25								
R	29.5 R 25								
R	850/65 R 25								
25 - 19.50/2.5 IF ^(*)	495 19.5	63.5 2.5	R						
25 - 22.00/3.0 IF ^(*)	559 22.0	76 3.0	R						
25 - 25.00/3.5 IF ^(*)	635	89	R	29.5 R 25					
			R	850/65 R 25					
CR RIMS 3-PIECE FOR CRANES 	25 - 9.50/1.7 CR	241 9.5	43 1.7	635	A	14.00 R 25	Sulla (OR 3-25)		
	25 - 11.00/1.7 CR	279 11.0	43 1.7		A	385/95 R 25			
					A	16.00 R 25			
	25 - 14.00/1.7 CR	355 14.0	43 1.7		A	445/95 R 25			
					A	17.5 R 25			
	25 - 17.00/1.7 CR	432 17.0	43 1.7		A	445/80 R 25			
A				20.5 R 25					
A	525/80 R 25								
5° TAPER BEAD SEAT RIMS (5 PIECES) 	25 - 10.00/2.0	254 10.0	51 2.0	635	A	505/85 R 25	Sulla (OR 3-25)		
	25 - 11.25/2.0 IN ^(*)	284 11.2	51 2.0		A	14.00 R 25			
					R	16.00 R 25			
	25 - 13.00/2.0 IN ^(*)	330 13.0	51 2.0		A	445/95 R 25			
A				16.00 R 25					

** R = Recommended - A = Allowed

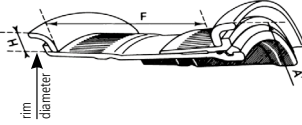
(*) New wheels have additional marking IN:

The IF flanges feature an Integrated Flange. They are 3-piece rims suited for radial tires.
The IN rims present a larger flange width and exist as 3-piece or 5-piece types.

COMPONENTS USED WITH MICHELIN EARTHMOVER TIRES

APPROVED RIMS FOR MICHELIN EARTHMOVER TIRES

Check that the rim support is at least the weight carried by the tire.

RIM TYPES	RIM DESIGN	F MM INCHES	H ⁽¹³⁾ MM INCHES	D ⁽¹⁴⁾ MM INCHES	RIM R/A ⁽¹⁵⁾	TIRE SIZES	SEAL	
							TL	TT
5° TAPER BEAD SEAT RIMS (5 PIECES) 	25 - 13.00/2.5 IN ^(*)	330 13.0	63.5 2.5	635	R	18.00 R 25	Sulla (OR 3-25)	
					R	505/85 R 25		
	25 - 15.00/2.5 IN ^(*)	381 15.0	63.5 2.5		A	18.00 R 25		
					A	505/85 R 25		
	25 - 15.00/3.0 IN ^(*)	381 15.0	76 3.0		R	21.00 R 25		
					R	20.5 R 25		
	25 - 17.00/2.0	432 17.0	51 2.0		A	525/80 R 25		
					R	550/65 R 25		
					A	600/65R25 XLD 65		
	25 - 17.00/3.0	432 17.0	76 3.0		A	21.00 R 25		
	25 - 19.50/2.0	495 19.5	51 2.0		A	25/26 R 25		
	25 - 19.50/2.5	495 19.5	63.5 2.5		R	23.5 R 25		
					R	600/65 R 25		
					R	650/65 R 25 660/65 R 25		
					R	660/65 R 25		
	25 - 20.00/2.0	508 20.0	51 2.0		A	25/26 R 25		
	25 - 22.00/3.0	559 22.0	76 3.0		R	26.5 R 25		
					R	650/65 R 25		
					R	660/65 R 25 750/65 R 25		
					A	750/65 R 25		
25 - 24.00/3.0	610 24.0	76 3.0	R	750/65 R 25				
25 - 25.00/3.0	635 25.0	76 3.0	R	750/65 R 25				
25 - 25.00/3.5	635 25.0	89 3.5	R	29.5 R 25				
			R	850/65 R 25				
25 - 27.00/3.5	687 27.0	89 3.5	A	850/65 R 25				
29 - 22.00/3.0	559 22.0	76 3.0	R	26.5 R 29				
			A	30/65 R 29				
	29 - 24.00/3.0	610 24.0	76 3.0	R	30/65 R 29			
				A	26.5 R 29			
	29 - 24.00/3.5	610 24.0	89 3.5	A	29.5 R 29			
				A	800/65 R 29			
	29 - 25.00/3.5	635 25.0	89 3.5	R	29.5 R 29			
	29 - 27.00/3.0	687 27.0	76 3.0	R	800/65 R 29			
R				875/65 R 29				
29 - 27.00/3.5	686 27.0	89 3.5	R	33.25 R 29				

** R = recommended - A = Allowed

(*) New wheels have additional marking **IN**:

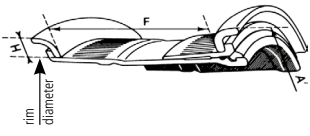
The IF flanges feature an Integrated Flange. They are 3-piece rims suited for radial tires.

The IN rims present a larger flange width and exist as 3-piece or 5-piece types.

COMPONENTS USED WITH MICHELIN EARTHMOVER TIRES

APPROVED RIMS FOR MICHELIN EARTHMOVER TIRES

Check that the rim support is at least the weight carried by the tire.

RIM TYPES	RIM DESIGN	F MM INCHES	H ⁽¹³⁾ MM INCHES	D ⁽¹⁴⁾ MM INCHES	RIM R/A ⁽¹⁵⁾	TIRE SIZES	SEAL	
							TL	TT
5° TAPER BEAD SEAT RIMS (5 PIECES) 	33 - 13.00/2.5 IN ^(*)	330 13.0	63.5 2.5	838		18.00 R 33	Strix (OR 3-33)	
	33 - 15.00/3.0 IN ^(*)	381.0 15	76.2 3.0		R	21.00 R 33		
	33 - 28.00/4.0	711 28.0	101.5 4.0		A	33.5 R 33		
	33 - 28.00/3.5	711 28.0	89 3.5		A	35/65 R 33		
	33 - 32.00/4.5	813 32.0	114.5 4.5		R	37.5 R 33		
	35 - 15.00/3.0 IN ^(*)	381 15.0	76 3.0	889	R	21.00 R 35	Stras (OR 3-35)	
	35 - 17.00/3.0	432 17.0	76 3.0		A	21.00 R 35		
	35 - 17.00/3.5	432 17.0	89 3.5		R	24.00 R 35		
	35 - 25.00/3.5	635 25.0	89 3.5		R	29.5 R 35		
	35 - 27.00/3.5	686 27.0	89 3.5		R	33.25 R 35		
					A	29.5 R 35		
					A	33.25 R 35		
	35 - 29.00/3.5	737 29.0	89 3.5	A	37.25 R 35			
	35 - 31.00/4.0	787 31.0	101.5 4.0	R	37.25 R 35			
	39 - 32.00/4.5	813 32.0	114.5 4.5	991	R	37.5 R 39	Fuodi (OR 3-39)	
					R	40.5/75 R 39		
					A	45/65 R 39		
	39 - 36.00/4.5	914 36.0	114.5 4.5		R	45/65 R 39		
	45 - 36.00/4.5	914 36.0	114.5 4.5	1143	R	45/65 R 39	Réf. 1580 (OR 3-45)	
					R	45/65 R 45		
	49 - 17.00/3.5	432 17.0	89 3.5	1245	R	24.00 R 49	Heyco (OR 3-49)	
	49 - 19.50/4.0	495 19.5	101.5 4.0		R	27.00 R 49		
	51 - 22.00/4.5	559 22.0	114.5 4.5	1295	R	30.00 R 51	Réf. 1479 (OR 4-51)	
	51 - 24.00/5.0	610 24.0	127 5.0		R	33.00 R 51		
	51 - 26.00/5.0	660 26.0	127 5.0		R	36.00 R 51		

** R = Recommended - A = Allowed

(*) New wheels have additional marking **IN**:

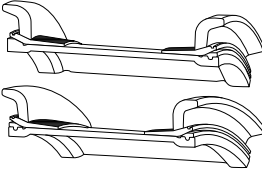
The IF flanges feature an Integrated Flange. They are 3-piece rims suited for radial tires.

The IN rims present a larger flange width and exist as 3-piece or 5-piece types.

COMPONENTS USED WITH MICHELIN EARTHMOVER TIRES

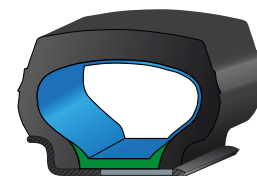
APPROVED RIMS FOR MICHELIN EARTHMOVER TIRES

Check that the rim support is at least the weight carried by the tire.

RIM TYPES	RIM DESIGN.	F MM INCHES	H ⁽¹³⁾ MM INCHES	D ⁽¹⁴⁾ MM INCHES	RIM R/A ⁽¹¹⁾	TIRE SIZES	SEAL	
							TL	TT
5° TAPER BEAD SEAT RIMS (FROM 6 TO 8 PIECES) 	57 - 27.00/6.0	686 27.0	152 6.0	1448	R	37.00 R 57	Réf. 1481 (OR 4-57)	
	57 - 29.00/6.0	736 29.0	152 6.0		R	40.00 R 57		
					A	37.00 R 57		
	57 - 32.00/5.0	813 32.0	127 5.0		A	50/80 R 57 XDR250		
					A	40.00 R 57		
	57 - 32.00/6.0	813 32.0	152 6.0		A	40.00 R 57		
					R	50/80 R 57 XDR250		
	57 - 32.00/6.5	813 32.0	165 6.5		A	50/80 R 57 XDR		
					A	50/90 R 57		
	57 - 34.00/6.0	863 34.0	152 6.0		A	50/80 R 57 XDR		
	57 - 42.00/5.0	1067 42.0	127 5.0		A	55/80 R 57		
	57 - 44.00/5.0	1117 44.0	127 5.0		A	55/80 R 57		
	57 - 47.00/5.0	1194 47.0	127 5.0		A	60/80 R 57		
	63 - 36.00/5.0	914 36.0	127 5.0		1600	A		
A				53/80 R 63				
A				55/80 R 63				
A				56/80 R 63				
63 - 41.00/5.0	1041 41.0	127 5.0		A	59/80 R 63			
63 - 44.00/5.0[6.0]	1117 44.0	127 5.0		A	59/80 R 63			

** R = Recommended - A = Allowed

COMPONENTS USED WITH MICHELIN EARTHMOVER TIRES

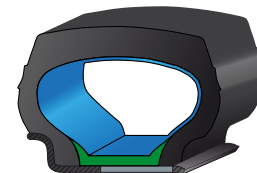


FLAP + TUBE SOLUTION

RIM & TIRE SIZE			FLAPS		TUBES												
RIM Ø (INCHES)	Ø WIDTH RIM RECOMMENDED (INCHES)	TIRE SIZE	DESCRIPTION	CAI	DESCRIPTION (PACKAGING)	VALVE TYPE	ETRTO / TRA REF.	CAI									
15	5.5	"7.50 R 15 Compactor"	180 - 15	670236	7.00 - 15 / 7.50 - 15 MICHELIN Tube	SINGLE BEND	V3-02-2	812339									
	6																
	6.00S																
	6.5																
	B6.5																
	6.5																
15	7	"8.25 R 15 Mining - X Mine D2 MH - XZM"	180 - 15	670236	8.25 - 15 MICHELIN Tube	SINGLE BEND	V3-02-07	507246									
	7																
20	6.5	"9.00 R 20 MH - XZM Mining - X Mine D2"	185 - 20	907771	8.25 - 20 MICHELIN Tube	SINGLE BEND	V3-02-10	732152									
	B6.5																
	7.0T																
	7																
	B7.0																
	7.33V																
	B7.5																
	7.5																
	20	7.33V	"E 20 Pilote (13/80 R 20) Compactor"	200 - 20	299014	11.00 - 20 / 12.00 - 20 MICHELIN Tube (V3-02-14)	SINGLE BEND	V3-02-14	179572								
		7.5															
		B7.5															
		8															
		B8.0															
		8.0V															
		8.00V															
		8.5															
		B8.5															
		8.50V															
		9															
		9.00V															
		10															
		10.00V															
		20								8	"12.00 R 20 MH - XZM Mining - X Mine"	200 - 20	299014	11.00 - 20 / 12.00 - 20 MICHELIN Tube	SINGLE BEND	V3-02-14	179572
										8.5							
B8.5																	
8.5V																	
8.50V																	
9																	
9.00V																	

FOR VALVE TYPE DESCRIPTION, PLEASE REFER TO THE PAGE 216

COMPONENTS USED WITH MICHELIN EARTHMOVER TIRES



FLAP + TUBE SOLUTION

RIM & TIRE SIZE			FLAPS		TUBES			
RIM Ø (INCHES)	Ø WIDTH RIM RECOMMENDED (INCHES)	TIRE SIZE	DESCRIPTION	CAI	DESCRIPTION (PACKAGING)	VALVE TYPE	ETRTO / TRA REF.	CAI
24	9.00V	"14.00 R 24 XKA XKD1"	-	-		SINGLE BEND	V3-02-17	
	9							
	10.0/2.0							
	10.00W							
	9.00V	"14.00 R 24 XKA XKD1 XSM D2+"	-	-		SINGLE BEND	"V5-04-1 TRJ650"	
	9							
	10.0/2.0							
	10.00W							
25	10.00/1.5	14.00 R 25 XH D1 A	-	-	14.00 - 24 (Rubber King)	SINGLE BEND	"V5-04-1 TRJ650"	
	11.25/1.3							
	14.00/1.5	17.5 R 25	-	-				

FOR VALVE TYPE DESCRIPTION, PLEASE REFER TO THE PAGE 216

COMPONENTS USED WITH MICHELIN EARTHMOVER TIRES

EXPLANATION ON THE TUBE AND THE FLAP MARKINGS

EXPLANATION ON THE TUBE MARKINGS

Example 1: **24/25 V AM**

example2: **25 YB AM**

The first two numbers indicate the bead seat (rim) diameter of the tire into which the tube can be fitted.

(In the first example, the tube may be fitted in 24- and 25-inch tires. In the second example, the tube may be fitted only in 25 inch tires).

The first letter corresponds to the section width of the tube (internal width of the tire).

This ranges from A to Z, with A being the smallest, and Z the largest (In the examples above, V and Y indicate that the tubes are designed for fitting into tires of relatively large section width.)

Sometimes, a second letter provides additional information (example 2); B, E, F and H indicate intermediate widths.

The third and fourth letters are an indication of the valve type.

AM indicates that the tube is fitted with an American valve base: R1946 (TRA SP4000) and a valve stem R1837 (TRJ 650).

D would indicate that the valve is offset. T would indicate a tractor tube fitted with an air-water valve, type TR 218A.

Explanation on valves and valve bases are given on subsequent pages.

EXPLICATIONS ON THE FLAP MARKINGS

Example 1: **14-24/25**

The first number indicates the total width of the flap when laid flat (includes height of edges), expressed in either millimeters or in inches.

In the example above, the width of the flap is 14 inches.

The second number indicates the rim diameter, or the tire bead seat (rim) diameter in inches, with which the flap is to be used.

In this example, the flap may be used with 24- and 25-inch tires.

Additional letters may be used to provide supplementary information.

For example, the significance of different letters is as follows: L—the edges are tapered, B—the flap has a reinforcing boss around the valve hole, S—the flap is reinforced, D—offset hole valve.

Example 2: **20 x 8.50 E**

The first number indicates the tire seat diameter, expressed in inches, with which the flap is to be used.

In this example, the flap may be used with 20-inch tires.

The second number indicates the overall width of the flap (width + height), in inches.

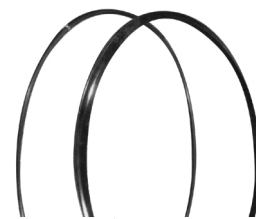
In this example, the overall width of the flap is 8.50 inches.

Letters correspond to the last generation of flaps.

COMPONENTS USED WITH MICHELIN EARTHMOVER TIRES

O-RINGS OR CORNER SEALS SOLUTION

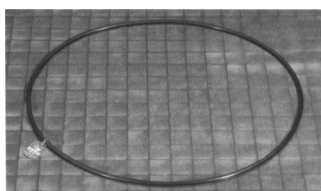
FOR FITTING ON MULTI-PIECES RIMS



O-RINGS & CORNER SEALS DESCRIPTION

RIM Ø (INCHES)	TYPE	DESCRIPTION	MICHELIN REF.	CAI	PACKAGING
For 16" rims	CORNER SEAL	16	R 1967	553026	30
		A-16 SPRAT	R 1014	553007	30
		E-16	R 1786	553024	30
For 20" rims	CORNER SEAL	A 20 TYRAN	R 1443	553004	30
		20	R 2050	553053	30
For 24" rims	CORNER SEAL	B 24/25	R 1528	553021	10
For tires 12.00 R 24 XMINE D2	CORNER SEAL	G 25 ICERU	R 1237	553012	30
For 20" rims in 3 pieces	O-RING	OR 6.6 - 20	R 1681	553215	20
For 21" rims	O-RING	OR 6.8 - 21	R 1506	553213	20
For 22.5" rims	O-RING	OR 22.5	R 2051	553054	10
For 25" rim in 3 pieces non IF or for 24" rim 10.00 VA	O-RING	OR 2-25 HEUPO	R 1438	553201	20
For 25" rim in 3 pieces IF or in 3 pieces CR for crane or in 5 pieces or for 24" rim 10.00 WA	O-RING	OR 3-25 SULLA	R 1437	553200	20
For 29" rims	O-RING	OR 3-29 SULKY	R 1439	553202	20
For 32" rims	O-RING	OR 2-32	R 2052	553055	20
For 33" rims	O-RING	OR 3-33 STRIX	R 1440	553203	20
For 35" rims	O-RING	OR 3-35 STRAS	R 1441	553204	20
For 39" rims	O-RING	OR 3-39 FUODI	R 1069	553206	20
For 45" rims	O-RING	OR 3-45	R 1580	553214	20
For 49" rims	O-RING	OR 3-49 HEYCO	R 1442	553205	10
For 51" rims	O-RING	OR 4-51	R 1479	553210	10
For 57" rims	O-RING	OR 4-57	R 1481	553211	10
For 63" rims	O-RING	OR 4-63	R 2053	553056	10

SEAL DESCRIPTION



O-RING

Explanation of the sealing ring designation

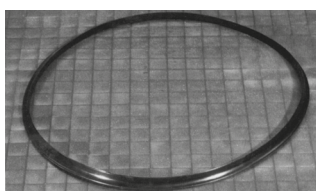
The first number is the section diameter of the seal:

OR: Abbreviation of O-Ring

- imperial number: value expressed in 1/8 of inch (3 = 3/8)

- decimal number: value expressed in mm (6.6 = 6,6 mm)

The second number is the nominal bead seat diameter, expressed in inches.



CORNER SEAL

Explanation of the corner seal designation

The letter indicates the profile of the seal.

The number is the nominal rim diameter, in inches.

Note: Approval for use of corner seals MUST BE obtained from Michelin.



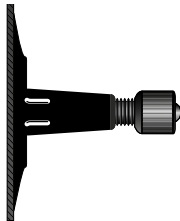
Never reuse O-rings, valve seals or the valves themselves!

COMPONENTS USED WITH MICHELIN EARTHMOVER TIRES

VALVES AND ASSOCIATED ACCESSORIES FOR MICHELIN EARTHMOVER TIRES

In all cases, the valve cap is essential because it helps maintain the cleanliness of the mechanism and ensures air tightness of the valve.

CAR TUBE TYPE STRAIGHT VALVE



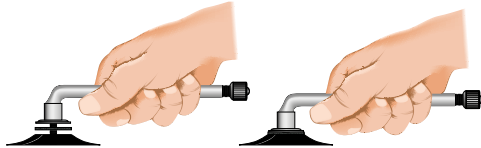
VALVE MARKINGS

The valve is circular and is marked in accordance with ETRTO standards, starting at the top of the valve, and in the following order:

- NAME (or trademark) of the valve manufacturer and his reference number.
- ETRTO reference number.

Michelin code	ETRTO code	Valve code	Valve hole ø in mm
611	V2-01-2	TR 15	16
746	V2-01-1	TR 13	11.5

FITTING A UNIVERSAL VALVE ON A MICHELIN® TUBE WITH A VALVE BASE



- 1 - Position the sealing ring on the valve.
The sealing ring must be clean and dry.
- 2 - Hand tighten the valve until it just touches the sealing ring.
- 3 - Tighten the valve for a further two turns.
- 4 - To orientate the valve in the desired position, tighten further.

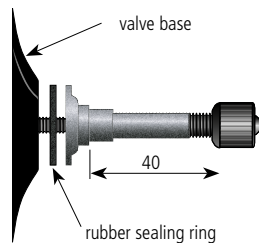


IMPORTANT: Never unscrew the valve to the desired position.

Note: Do not exceed the tightening guidelines given above. Do not forget to replace the valve cap to prevent dirt ingress and to ensure air tightness.

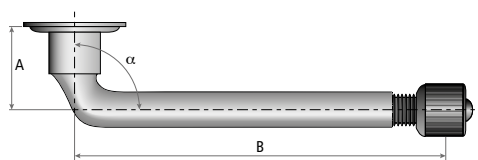
SMALL TRUCK, UNIVERSAL STRAIGHT VALVE

Fitted to MICHELIN® tubes for the occasional equipment Tube-Type on 5° and 15° non U taper drop center rim.



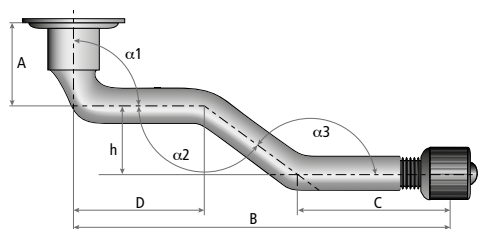
Michelin code	ETRTO code	Valve hole ø in mm	A	
			mm	inches
1964	/	9.7	40	1.57

TRUCK-TYPE, UNIVERSAL SINGLE-BEND VALVE



Michelin code	ETRTO code	A		B		α°
		mm	pouces	mm	inches	
570	V3-02-2	22.5	0.89	43	1.69	120
576	V3-02-3	33	1.30	44.5	1.75	95
577	V3-02-4	39.5	1.56	44.5	1.75	110
752	V3-02-17	20.5	0.81	156.5	6.16	90
1158	V3-02-14	20.5	0.81	138.5	5.45	94

TRUCK-TYPE, UNIVERSAL TRIPLE-BEND VALVE



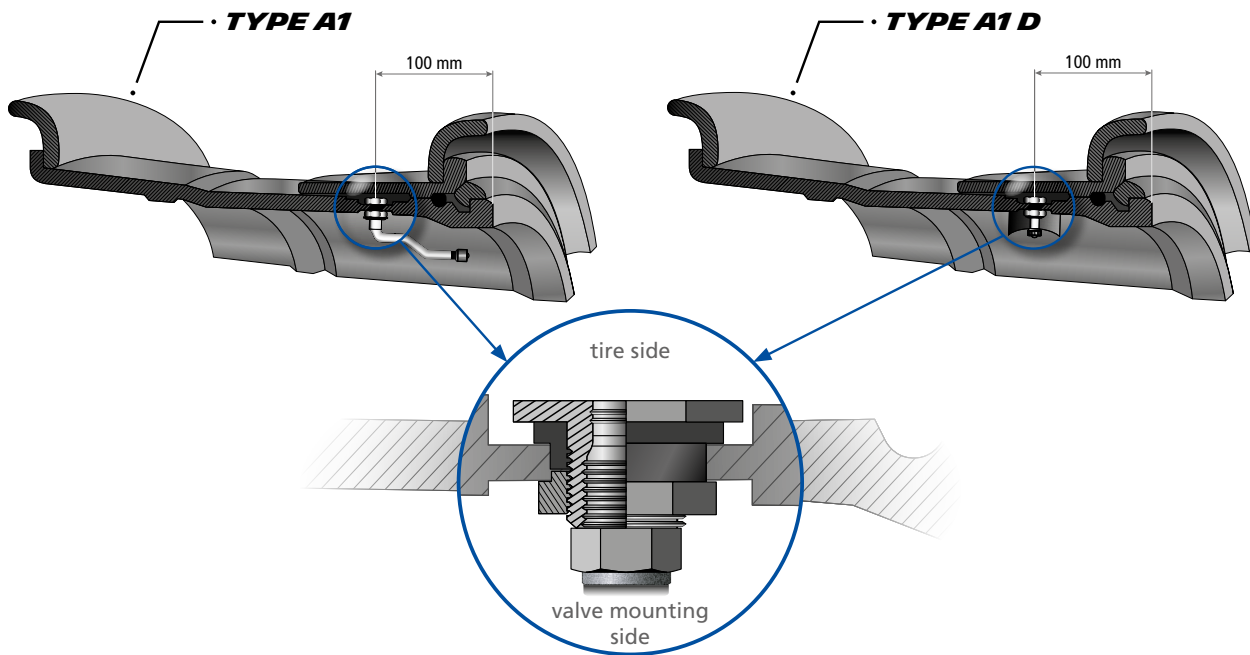
Michelin code	ETRTO code	α1°	α2°	α3°
582	V3-06-5	90	139	139

A		B		C		D	
mm	inches	mm	inches	mm	inches	mm	inches
20.5	0.81	131	5.16	49	1.93	62.5	2.46

COMPONENTS USED WITH MICHELIN EARTHMOVER TIRES

TYPES OF TUBELESS EARTHMOVER VALVES

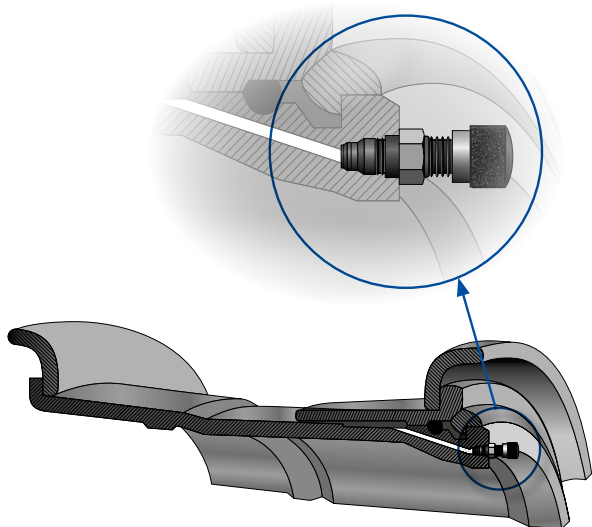
VALVE TYPE A1



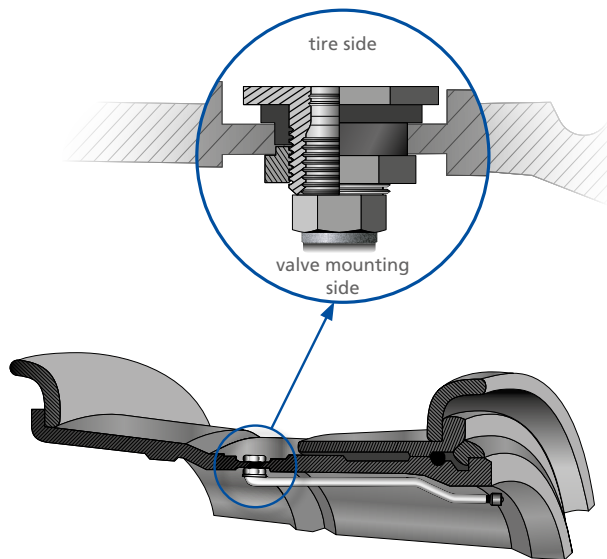
VALVE COMBINATION TYPE A4

Comprised of two TYPE A1 valves, both set at 100 mm from the rim edge, to enable water filling.

VALVE TYPE A2

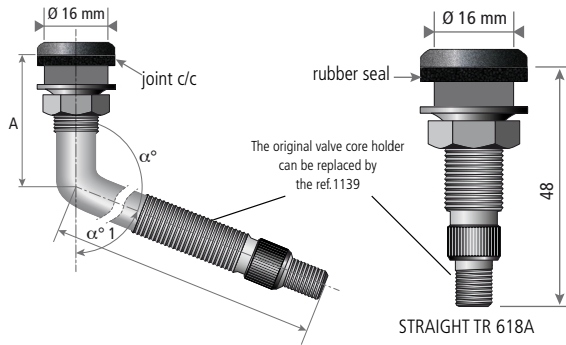


VALVE TYPE A3



COMPONENTS USED WITH MICHELIN EARTHMOVER TIRES

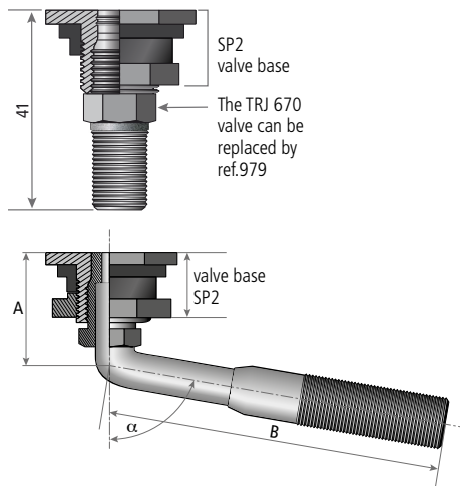
AIR AND WATER TUBELESS VALVES, AMERICAN TRA STANDARD



TRA code	ETRTO designation	A		B		α°
		mm	inches	mm	inches	
TR 618 A	V5-01-1	47.5	1.87	-	-	-
TR 621 A	V5-02-1	39	1.54	76	2.99	115°
TR 622 A	V5-02-2	44.5	1.75	117	4.61	90°
TR 623 A	V5-02-3	39	1.54	57	2.24	115°

Valves for 15.7 mm (0.6-inch) diameter hole

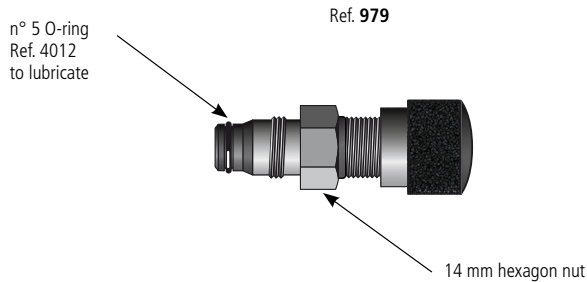
EARTHMOVER TUBELESS VALVE (AMERICAN TRA STANDARD)



Michelin code	TRA code	ETRTO designation	A		B		α°
			mm	inches	mm	inches	
R 1837	TRJ 650	V5-04-1	27	1.08	79	3.12	100°
	TRJ 651	V5-04-2	32	1.27	119	4.69	90°
	TRJ 652		27	1.08	140	5.5	94°
	TRJ 653		27	1.08	63	2.5	100°
	TRJ 654		27	1.08	79	3.12	120°
	TRJ 655		27	1.08	79	3.12	106°
	TRJ 656		67	2.62	94	3.69	90°
	TRJ 657		27	1.08	102	4	100°
	TRJ 658		27	1.08	140	5.5	100°
	TRJ 659		48	1.89	89	3.5	90°
	TRJ 660		48	1.89	222	8.75	90°
	TRJ 669		27	1.08	64	2.5	90°
	R 979	TRJ 670		41	1.63	-	-

Valves used on an American valve base SP2 [20.5 mm (0.8-inch) diameter hole] and also on AM tubes.

STRAIGHT, LARGE-BORE VALVES

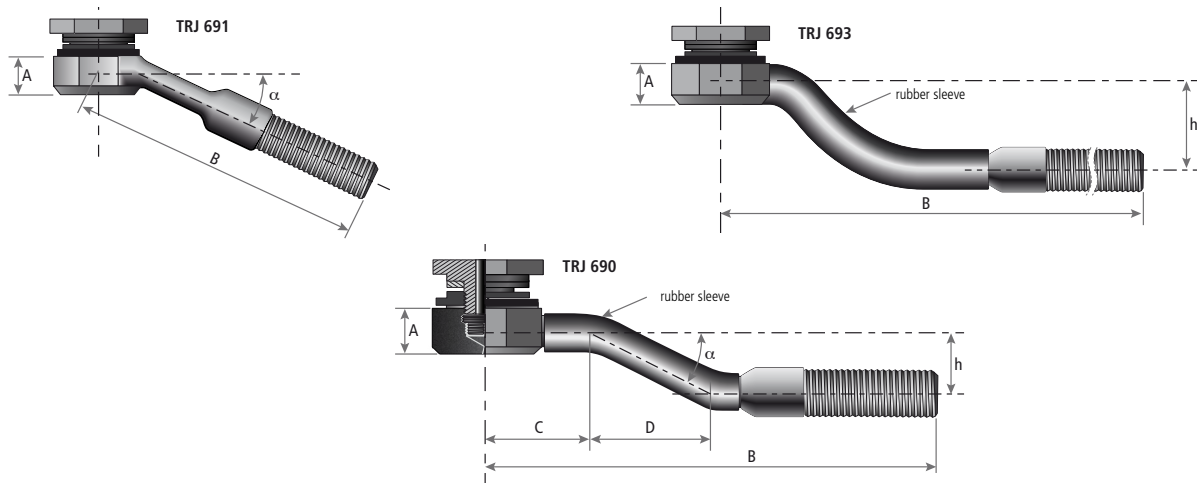


Used with Type A2 rim contour or with SP2 base (may also replace TRJ 670).

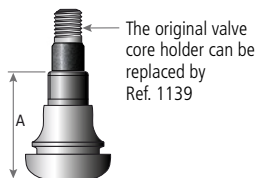
COMPONENTS USED WITH MICHELIN EARTHMOVER TIRES

SINGLE-PIECE VALVES (20,5 mm valve hole)

TRA code	A		B		C		D		H		α°
	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	
TRJ 690	16	0.63	119	4.69	32	1.26	27	1.06	14	0.55	28
TRJ 691	16	0.63	84	3.31							18
TRJ 693	16	0.63	127	5.00					25	0.98	



AIR AND WATER TUBELESS, STRAIGHT RUBBER VALVES



A		Designation
mm	inches	
35	1.38	35 GSW 15.7

Valves for 15.7 mm (0.6-inch) diameter hole

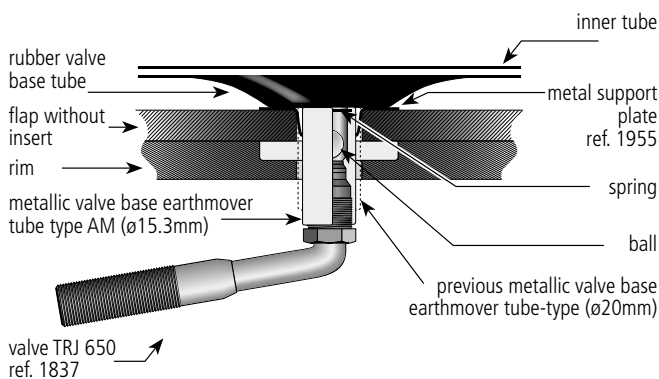


Caution! Don't use this valve with pressures higher than 4,5 bar.

VALVE BASE

ACTUAL VALVAGE

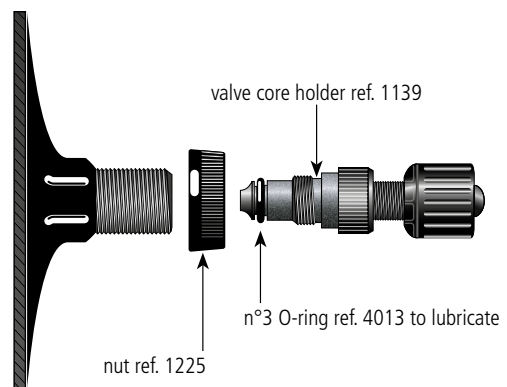
(mounting with tube)



AIR AND WATER AGRICULTURAL-TYPE VALVE BASE

Allows tire to be water-filled.

Valve with core holder 1139 and plastic nut ref. 1225



ref. 1224 code TR 218A

HELP WITH THE USE OF EARTHMOVER TIRES

MICHELIN EARTHMOVER TIRES FOR TRANSPORT MACHINES

DETERMINING INFLATION PRESSURES

- **Determine** the maximum load on each tire by weighing.

This is the only way that tire pressures can be set accurately for optimum performance.

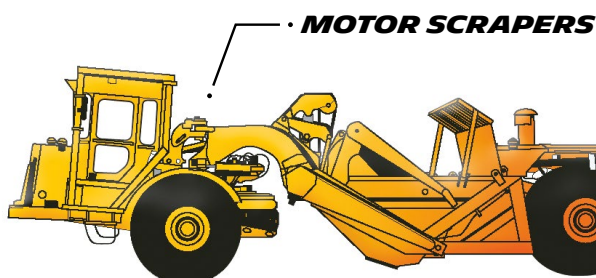
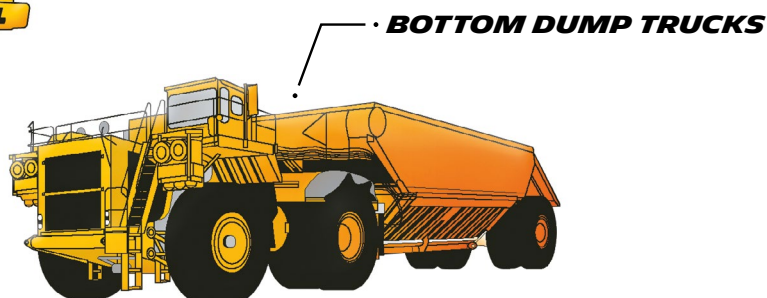
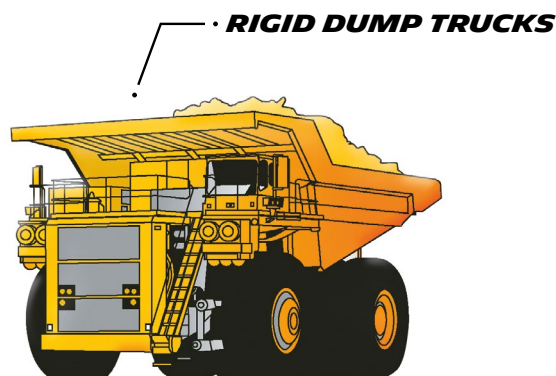
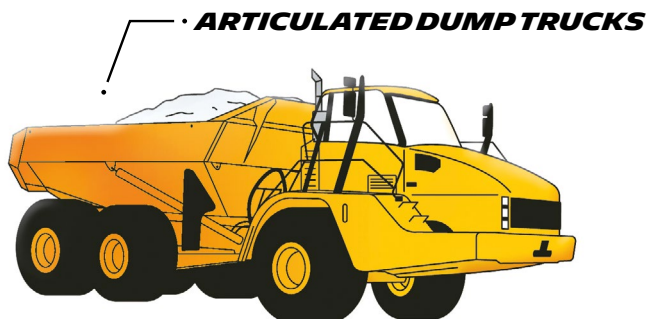
If it is not possible to weigh the machine, determine the maximum load per tire on each axle by calculation or by using the machine manufacturer's data.

The following data needs to be established:

- The Gross Vehicle Weight (total machine weight in the laden condition).
- The percentage load distribution by axle.
- **Calculate** the load per axle, then determine the tire weight by dividing the axle load by the number of tires per axle.
- **Use** the tables *Tire Loads and Pressures* for TRANSPORT in the MICHELIN® Earthmover Databook.

This method applies to the following machine tires:

- Rigid Dump Trucks*
- Articulated Dump Trucks*
- Bottom Dump Trucks*
- Motor Scrapers*
- Site Dump Trucks*



HELP WITH THE USE OF EARTHMOVER TIRES

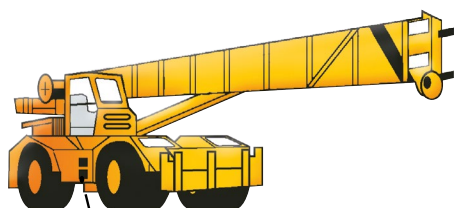
MICHELIN EARTHMOVER TIRES FOR MOBILE CRANES, SPECIAL APPLICATIONS, RAPID INTERVENTION VEHICLES (CIVIL AND MILITARY)

DETERMINING INFLATION PRESSURES

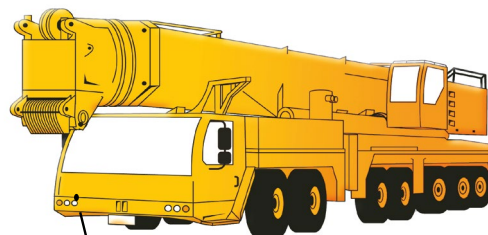
- **Determine** the maximum load on each tire by weighing
 - By using the machine manufacturer's data, or
 - By weighing each axle.

 - **Calculate** the load per tire (in the case of a crane, divide the total weight by the number of axles, and divide by the number of tires per axle).

 - **Use** the tables *Tire Loads and Pressures* for CRANES to determine the tire pressures.
 - In the case of use of tires on special machines, please consult your Michelin® Representative.
 - Tires are made from different types of materials that have the properties which are essential for the tire to perform properly. These properties may change over time. These changes depend on numerous factors such as the storage conditions, usage and, in particular, the load, speed, tire pressure, maintenance, weather conditions etc. to which the tire is subjected throughout its useful life. These factors impact a tire's service life.
- The design of Michelin tires is intended to deliver long lasting performance and ensure that the machine remains operational for the longest possible periods.
- If we take a look at the conditions of use of mobile cranes, we see a reduction in the average distance travelled every year. As a result, the tires stay fitted to the cranes for a longer period of time.
- Accordingly, Michelin recommends that the service life of mobile crane tires be limited to a maximum of 10 years.



• **RT CRANE**



• **AT CRANE**

MICHELIN EARTHMOVER TIRES USED IN DESERT AND SIMILAR CONDITIONS

These tires are used on machines that are operated in special conditions, such as sand, desert regions, etc.

Two speed limits are applied to the tires according to the type of work.

- A limit for use on sand and hard track.
- A higher limit for road use with no particular problem of grip or accidental damage.

INFLATION PRESSURES

For a given load, the inflation pressure depends on the rolling condition

- Road
- Track
- Sand

Refer to the table load/pressure corresponding to the selected type of driving.

After using sand pressures, they must be adjusted to the correct pressure for subsequent conditions of use (road or track).

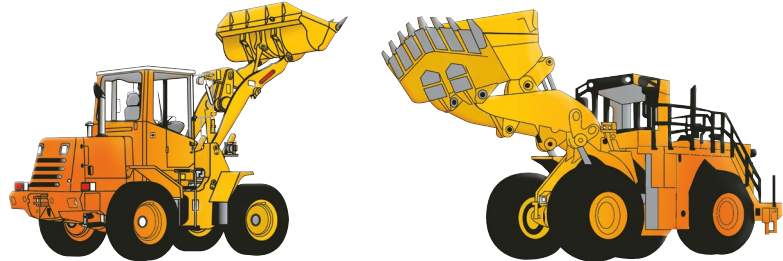
HELP WITH THE USE OF EARTHMOVER TIRES

MICHELIN EARTHMOVER TIRES FOR WORKING MACHINES: SURFACE LOADERS IN REHANDLING, PRODUCTION, EXTRACTION AND FACEWORK

BASE PRESSURES

The base pressures designate the necessary pressure for the load carried.

There are two ways to determine the base pressures of a loader.



BY WEIGHING THE MACHINE AXLES

- **Determine** the maximum load on each tire by weighing.
- **Use** the tables *Tire Loads and Pressures* for LOADERS from the MICHELIN® Technical Databook.
Front Laden: for the laden front axle(bucket full)
Rear Unladen: for the unladen rear axle(bucket empty)

BY CALCULATION, USING THE MACHINE MANUFACTURER'S DATA

- **Determine** the maximum load on each tire from the axle loads (bucket empty/full) data by the manufacturer.
- **Use** the tables *Tire Loads and Pressures* for LOADERS from the MICHELIN® Technical Databook.
Front Laden: for the laden front axle(bucket full)
Rear Unladen: for the unladen rear axle(bucket empty)

ADJUSTMENTS OF THE BASE PRESSURE

To improve stability, the following adjustments are possible:

Front axle: For a given load, it is possible to increase tire pressure by 1 bar compared to the pressure determined by the methods presented above.

On the rear axle, it is recommended to use a pressure of 70% of the recommended value for the front axle.

These adjustments shall be made within the limits shown on page 236.

Important

During long road trips (delivery, transfer from one site to another), special precautions are necessary.

For more information, please consult your Michelin Representative.

MICHELIN EARTHMOVER TIRES IN BLOCK HANDLING APPLICATION

The block handling usage is very specific, both recommendations and usage conditions listed below must be respected at all times:

- Always fit the tire on heavy duty wheels / reinforced flanges
- Always inflate the tire to 9 bar (130 psi) cold pressure
- Inspect the tire weekly by qualified personnel:
 - Pressure check
 - Visual inspection of the bead zone. If any deformation is detected, it is mandatory to remove the tire immediately
- Usage of chains is authorized
- Remove the tire after using it up to a maximum of 4 years within this application

Description	CAI/MSPN	Load per tire kg (lbs)	Pressure (bar) (PSI)	Max. dist./hour	% of use
XTXL E4**** L4**** 229A2 35/65R33 Tubeless	845075 46729	≤ 32500 (71500)	9 (130)	10 km - 6.2 mi	-
		≤ 45000 (99000)	9 (130)	4 km - 2.4 mi	-
		≤ 80000 (176000)	9 (130)	stationary	Max 10%
XTXL E4 **** L4 *** 221A2 29.5 R 25 Tubeless	427926 40734	≤ 25750 (56500)	9 (130)	12 km - 7.4 mi	-
		≤ 35000 (77000)	9 (130)	4 km - 2.4 mi	-
		≤ 63000 (138500)	9 (130)	stationary	Max 10%
X MINE DEFEND SH-4 **** L-4 *** TL MI 29.5 R 25	149968 60320	≤ 25750 (56500)	9 (130)	12 km - 7.4 mi	-
		≤ 35000 (77000)	9 (130)	4 km - 2.4 mi	-
		≤ 63000 (138500)	9 (130)	stationary	Max 10%
XTRA POWER A4 L4 TL *** 35/65 R 33	097314 82106	≤ 32500 (71500)	9 (130)	12 km - 7.4 mi	-
		≤ 45000 (99000)	9 (130)	4 km - 2.4 mi	-
		≤ 80000 (176000)	9 (130)	stationary	Max 10%

HELP WITH THE USE OF EARTHMOVER TIRES

MICHELIN EARTHMOVER TIRES FOR WORKING MACHINES: DOZERS

HOW TO CALCULATE INFLATION PRESSURES

Depending on the type of work, tires on a dozer are subjected to different types of loading.

- The load on the Front Axle is at the maximum when loading (pushing) a scraper.
- The load on the Rear axle is at the maximum when dozing or while stockpiling.

From a practical point of view, the maximum load on either of the two axles is approximately equal to 2/3 of the machine weight.

- **Use this method** to determine the load on each tire.
- **Use** the tables *Tire Loads and Pressures* for LOADERS for the Rear Unladen.



MICHELIN EARTHMOVER TIRES FOR WORKING MACHINES: GRADERS

HOW TO CALCULATE INFLATION PRESSURES

As a general rule, the minimal inflation pressure recommendation must never be lower than 2 bar (29 psi)

- **Weigh the machine** to find out the load on each axle or use the loads given by the machine manufacturer.
- **Use** the tables *Tire Loads and Pressures* for GRADERS

For special work (example: sloping embankments), the inflation pressure should never be lower than 2.5 bar (36 psi).



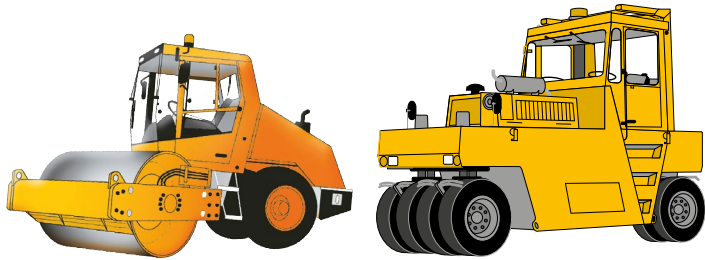
HELP WITH THE USE OF EARTHMOVER TIRES

MICHELIN EARTHMOVER TIRES FOR COMPACTORS

XLC TIRES

The tire and the working pressure depend on the material to be compacted, the type of work to be carried out and the operating speed.

Please refer to the information and operating guidelines supplied by the machine manufacturer and use the tables *Tire Loads and Pressures* for COMPACTORS from the earthmover technical databook.



MICHELIN EARTHMOVER TIRES FOR ROADBUILDING MACHINERY (PLANERS, STABILIZER MIXERS, PAVERS)



There are no tires made specifically for this type of machinery. Tires should be chosen according to their average speed capabilities in relation to those of the machine and their load capacity.

All these machines operate at 2 speeds: a "transport" or "traveling" speed and a "work" speed.

Once the load per tire has been determined, refer to the load/pressure table which corresponds best to the speed at which the selected tire is to be used.

When we determine the tire pressure in these two cases, we consistently apply the highest pressure. This is often pressure "transport."

HOW TO CALCULATE THE LOAD PER TIRE

If the load per axle is not known (no machine manufacturer's information available and no possibility of a physical weighing), follow the instructions below.

TRAVELING MACHINES:

For Cold Planers and Stabilizer Mixers: Load per axle on pneumatic tires = 50% of machine weight.

For Pavers: Load per axle on pneumatic tires = 80% of machine weight/number of axles.

LOADED/WORKING MACHINES:

For Cold Planers and Stabilizer Mixers: Load per axle = 50% of machine weight + payload.

For Pavers: Load per axle on pneumatic tires = 30% machine weight + maximum load of the container bin/number of axles.

HELP WITH THE USE OF EARTHMOVER TIRES

MICHELIN EARTHMOVER TIRES FOR UNDERGROUND MACHINES

HOW TO CALCULATE INFLATION PRESSURES

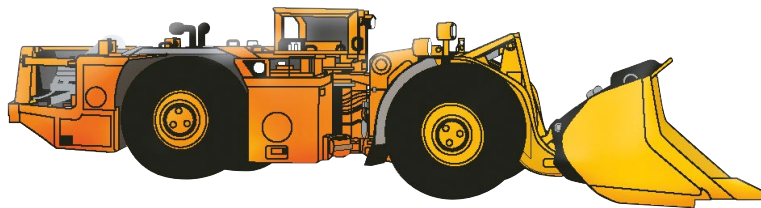
TRANSPORT MACHINES

- **Determine** the maximum load on each tire, of each axle, with the machine loaded
 - By calculation, using the machine manufacturer's data, or
 - By weighing each tire position with the machine loaded.
- **Use** the tables *Tire Loads and Pressures* for MINE TRANSPORT.

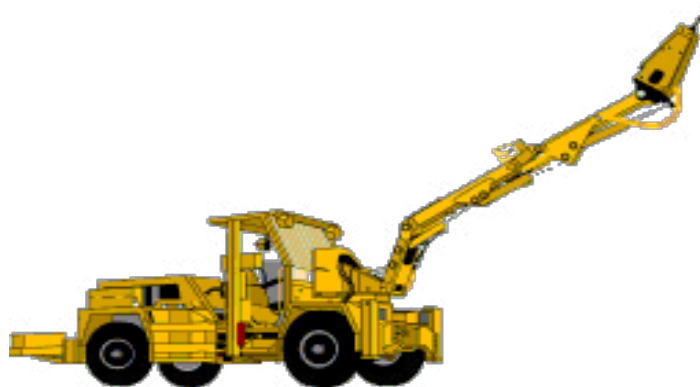


LOADERS

Apply the methods used for surface loaders (see the previous pages Chapter MICHELIN® Earthmover Tires for Working Machines: Surface Loaders).



BOLTERS, BORERS, SCALERS AND OTHER SERVICE MACHINES



TIRES FOR TRANSPORT MACHINES: TKPH (TMPH) METHOD

FACTORS TO BE CONSIDERED WHEN SELECTING THE MOST APPROPRIATE TIRE:



CHOOSING THE IDEAL TIRE

- This will depend on:
- The fitment possibilities offered by the machine manufacturer
 - The service conditions on the site
Factors such as load, speed, surface conditions, etc. must be considered

THE MACHINE

- The tire sizes
- The loads the tires have to carry (laden and unladen)

THE SITE

- Type of surface, condition and profile of haul roads
- Type and condition of loading and tipping areas

TIRE BEHAVIOR

- How are the tires wearing?
- What are the main reasons for removing a tire from service?
- Are there sidewall or tread problems?

MACHINE OPERATION ON THE SITE

- Length of the cycle (laden trip/unladen trip)
- Maximum number of cycles during a working period or shift
- Duration of the working period or shift

PROBLEMS THAT MAY ARISE

- How does the machine/tire combination behave? (For example, traction)

TKPH (TMPH) definition:

The TKPH (Ton Kilometer Per Hour) or TMPH (Ton Mile Per Hour) is an expression of the working capacity of a tire.

The TKPH (TMPH) is a function of the maximum allowed internal operating temperature of a tire.

TIRE TKPH OR TIRE TMPH

A tire's TKPH (TMPH) depends on its design and varies according to size and type.

TKPH (TMPH) values are given along with other MICHELIN® tire characteristics.

It is a function of load and the number of kilometers (miles)

covered per hour at an ambient temperature of 38 °C (100° F).

The formula to convert a TKPH rating to a TMPH rating is:

$$\text{TMPH} = \text{TKPH} \times 0,685$$

TMPH calculation is based on the "short ton" which corresponds to 2,000 lbs or 907 kg.

BASIC SITE TKPH OR TMPH

This value reflects the specific requirements of a site and can be obtained by using the following formula:

$$\text{Basic site TKPH (basic site TMPH)} = Q_m \times V_m$$

Where Q_m = average load per tire

V_m = average cycle speed, in km (or miles) per hour

AVERAGE LOAD PER TIRE (Q_m)

Average load per tire (Q_m):

$$Q_m = \frac{Q_c + Q_v}{2}$$



where Q_c = is the load per tire in ton (TKPH), or in short ton (TMPH), on a laden vehicle.

Q_v = is the load per tire in ton (TKPH), or in short ton (TMPH), on an unladen vehicle.

The Q_m calculation should theoretically be made for each tire. However, in practice, specific tire loads are not normally available; therefore, this leads to the assumption that each tire on the same axle carries an equal load. When calculating the average load per tire on the front and the rear axles, the greatest value of Q_m shall be used in TKPH (TMPH) calculation.

In most cases, on two-axle dump trucks, the distribution of the total load of the loaded vehicle (unladen weight + payload) corresponds to 33.3% on the front axle (single tires) and 66.7% on the rear axle (twinned tires).

When unladen, the front axle is almost always the heaviest. Thus, the maximum Q_m , will nearly always be on the front axle.

Caution: Ensure that load distribution Front/Rear is even

Of course, the analysis of the site (or at least, the collected information), weighings and machine characteristics, will provide the information to define and check the load per tire.

THE NUMBER OF KM (OR NUMBER OF MILES) COVERED ON THE REFERENCE CYCLE



This is obtained by using the relationship:

$$V_m = \frac{L}{H}$$

Where L = is the cycle length in kilometers (TKPH), or in miles (TMPH).

The reference cycle must be the one with the highest average speed.

H = is the duration of cycle in hours.

REAL SITE TKPH OR REAL SITE TMPH

The $Q_m \times V_m$ formula is used to calculate the basic site TKPH (or TMPH).

To obtain the real site TKPH (or TMPH), two more factors must be taken into account:

- The length of cycles exceeding 5 kilometers (or 3 miles)
- The ambient temperature

CYCLE LENGTH-K1 COEFFICIENT

For cycle lengths exceeding 5 kilometers (or 3 miles) apply to the basic site TKPH (or basic site TMPH) the K1 coefficient, the values of which are given on following pages.

SITE AMBIENT TEMPERATURE (TA) - K2 COEFFICIENT

The standard ambient temperature is 38 °C (100° F). For a given speed, a site temperature higher than 38 °C increases the real site TKPH (or TMPH). Conversely, a temperature lowers than 38 °C (100° F) decreases the real site TKPH (or TMPH).

The K2 coefficient:

Where V_m is the reference cycle average speed on the site in km/h for TKPH and in mph for TMPH,

TA is the ambient temperature, in °C for TKPH and in °F for TMPH

TR is the reference temperature (38 °C for TKPH and 100° F for TMPH)

Is to apply to the basic site TKPH (basic site TMPH).

Its calculation depends on whether the ambient temperature of the basic site is above or below 38 °C (100° F).

if $TA < 38$ °C (100° F)

$$K2 = \frac{1}{1 - \left[\frac{0,25^* \times (TA - TR)}{V_m} \right]}$$

(*: Use 0.086 instead of 0.25 when calculating basic site TMPH)

if $TA > 38$ °C (100° F)

$$K2 = \frac{1}{1 - \left[\frac{0,40^* \times (TA - TR)}{V_m} \right]}$$

(*: Use 0.138 instead of 0.40 when calculating basic site TMPH)

The ambient temperature of the site (TA) to be taken into account is "the maximum temperature in the shade" during the hottest period.

For temperatures TA greater than 15 °C (59° F), use the K2 coefficients shown on the following pages.

For temperatures TA lower than 15 °C (59° F), use the K2 coefficients shown in the shaded area of the table on the following pages.

To sum up, for the real site TKPH (TMPH) calculation, proceed as follows:

- Calculate the basic site TKPH (TMPH).
- Calculate the correct for cycle length exceeding 5 kilometers (3 miles) by applying the K1 coefficient.
- Calculate the correct for ambient temperatures not equal to 38 °C (100° F) by applying the K2 coefficient.

Real site TKPH (or TMPH) = Basic site TKPH (or basic site TMPH) x K1 x K2

COMPARISON OF THE TIRE TKPH (TMPH) AND REAL SITE TKPH (TMPH)

On the basis that the choice of tread pattern is made to meet the needs of traction, protection and speed, there are 2 possibilities:

- The tire's TKPH (TMPH) is greater than the real site TKPH (TMPH): the tire is suitable for the application.
- The tire's TKPH (TMPH) is below the real site TKPH (TMPH): the tire is not suitable for the application.

In case b:

- Check if another tread pattern or type may be used.
- See if a modification of operating conditions is possible (reduction of load and/or reduction of speed, reduced number of cycles in the same time period, etc.).

EXAMPLE OF A SITE TKPH (TMPH) CALCULATION

The data to calculate the real site TKPH (TMPH) where a RDT is fitted with 37.00 R 57 tire is as follows:

- Well-kept but abrasive haul roads;
- Average payload: 180 tons (198.5 short ton); mine value
- Reference cycle: 21 km (12.8 miles);
- Unladen weight–Front: 64 tons (70.6 short ton)



- Duration of cycle: 1 hour 15 minutes ;
H = 1 +(15/60) = 1,25 hour;
- Unladen weight–Rear: 57 tons (62.8 short ton)
- Ambient temperature: TA = 42 °C (107.6 °F);
- Distribution of total laden weight: Front = 33.3% Rear = 66.7%

CALCULATION OF QM (AVERAGE TIRE LOAD)

	(TKPH)	(TMPH)
- Gross Vehicle Weight (GVW)	180 + 64 + 57 = 301 tons	198.5 + 70.6 + 62.8 = 332 short tons
- Unladen weight per tire–Front; Qv:	$\frac{64}{2} = 32$ tons	$\frac{70,6}{2} = 35$ short tons
- Laden weight per tire–Front; Qc: (33.3% of GVW on front axle)	$\frac{301 \times 33,3}{2 \times 100} \sim 50$ tons	$\frac{332 \times 33,3}{2 \times 100} = 55$ short tons
- Average tire load, Qm Front:	$\frac{32 + 50}{2} = 41$ tons	$\frac{35 + 55}{2} = 45$ short tons
- Unladen weight per tire–Rear; Qv:	$\frac{57}{4} = 14$ tons	$\frac{62,8}{4} = 15.5$ short tons
- Laden weight per tire–Rear; Qc: (66.7% of GVW on rear axle)	$\frac{301 \times 66,7}{4 \times 100} \sim 50$ tons	$\frac{332 \times 66,7}{4 \times 100} = 55$ short tons
- Average tire load, Qm–Rear:	$\frac{14 + 50}{2} = 32$ tons	$\frac{15,5 + 55}{2} = 35$ short tons
Thus, the value for Qm to be used will be:	41 tons	45 short tons

CALCULATION OF VM (DISTANCE COVERED PER HOUR)

$Vm = \frac{L}{H}$	$\frac{21}{1,25} = 16.8$ km in one hour	$\frac{12,8}{1,25} = 10.2$ miles in one hour
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BASIC SITE TKPH (TMPH)

TKPH (TMPH) = Qm x Vm	41 x 17 = 689	45 x 10,6 = 459
-----------------------	----------------------	------------------------

CALCULATION OF K1 COEFFICIENT

Beyond 5 km/h, the cycle length has an influence on the real site TKPH.

The cycle is greater than 5 km (3 miles), the coefficient K1 corresponding to 21 km (12.8 miles) which is the reference cycle starts, is: **1.19** (value on next page) for the calculation of TKPH and TMPH.

VALUE OF THE K2 COEFFICIENT

Ambient temperatures different of 38 °C (100° F) has an influence on the real site TKPH.

You can use the table on the opposite page, to find the K2 coefficient (in TKPH units), by interpolation for your actual reference cycle average speed and ambient temperature. In this case, for Vm = 17 km/h (10.6 mph) and TA = 42 °C (107.6° F), we find K2 = 1.105

CALCULATION OF THE K2 COEFFICIENT

In our example, the ambient temperature is 42 °C (107.6° F). The calculation of the coefficient K2 is as follows:

$$K2 = \frac{1}{1 - \frac{[0,40^* \times (TA - TR)]}{Vm}} = \frac{1}{1 - \frac{[0,40^* \times (42 - 38)]}{16,8}} = 1.105 \quad \frac{1}{1 - \frac{[0,138^* \times (107,6 - 100)]}{10,2}} = 1.114$$

(*: Use 0.138 instead of 0.4 for the calculation of TMPH)

REAL SITE TKPH (TMPH)

Applying the K1 and K2 coefficients to the basic site TKPH (TMPH) gives the real site TKPH (TMPH).

$$689 \times 1.19 \times 1.105 = \mathbf{906} \quad 459 \times 1.19 \times 1.114 = \mathbf{608}$$

TIRE TKPH (TMPH)/REAL SITE TKPH (TMPH) COMPARISON

In the 37.00 R 57 XDR® size	the different tire TKPH values are:	the different tire TMPH values are:
	B4 = 848	B4 = 581
	B = 1018	B = 698
	C4 = 1145	C4 = 784
	C = 1272	C = 871

In our example, the B4 type is not suitable. All other types of compound are possible.

The tracks being abrasive and the loading and unloading areas being aggressive, the choice will be the B type.

MICHELIN EARTHMOVER TIRES FOR TRANSPORT MACHINES K COEFFICIENT CALCULATED AND USED FOR THE TKPH (TMPH) METHOD



K1 COEFFICIENTS														
L (km)	L (mi)	K1	L (km)	L (mi)	K1	L (km)	L (mi)	K1	L (km)	L (mi)	K1	L (km)	L (mi)	K1
			11	6.8	1.13	21	13	1.19	31	19.3	1.21	41	25.5	1.23
			12	7.4	1.14	22	13.7	1.19	32	19.9	1.21	42	26.1	1.23
			13	8	1.15	23	14.3	1.20	33	20.5	1.22	43	26.7	1.23
			14	8.7	1.16	24	14.9	1.20	34	21.1	1.22	44	27.3	1.23
5	3.1	1.00	15	9.3	1.16	25	15.5	1.20	35	21.7	1.22	45	28	1.23
6	3.7	1.04	16	9.9	1.17	26	16.2	1.20	36	22.4	1.22	46	28.6	1.23
7	4.3	1.06	17	10.6	1.17	27	16.8	1.21	37	23	1.22	47	29.2	1.23
8	5	1.09	18	11.2	1.18	28	17.4	1.21	38	23.6	1.22	48	29.8	1.23
9	5.6	1.10	19	11.8	1.18	29	18	1.21	39	24.2	1.22	49	30.4	1.23
10	6.2	1.12	20	12.4	1.19	30	18.6	1.21	40	25	1.22	50	31	1.23

L = Cycle length in kilometers and in miles.

K2 COEFFICIENTS																
Vm Km (miles)	Ambient temperature															
	15 °C 59° F	17,5 °C 63.5° F	20 °C 68° F	22,5 °C 72.5° F	25 °C 77° F	27,5 °C 81.5° F	30 °C 86° F	32,5 °C 90.5° F	35 °C 95° F	37,5 °C 99.5° F	40 °C 104° F	42,5 °C 108.5° F	45 °C 113° F	47,5 °C 117.5° F	50 °C 122° F	
10 (6)	0.635	0.661	0.690	0.721	0.755	0.792	0.833	0.879	0.930	0.988	1.087	1.220	1.389	1.613	1.923	
12 (7)	0.676	0.701	0.727	0.756	0.787	0.821	0.857	0.897	0.941	0.990	1.071	1.176	1.304	1.463	1.667	
14 (9)	0.709	0.732	0.757	0.783	0.812	0.842	0.875	0.911	0.949	0.991	1.061	1.148	1.250	1.373	1.522	
16 (10)	0.736	0.757	0.780	0.805	0.831	0.859	0.889	0.921	0.955	0.992	1.053	1.127	1.212	1.311	1.429	
18 (11)	0.758	0.778	0.800	0.823	0.847	0.873	0.900	0.929	0.960	0.993	1.047	1.111	1.184	1.268	1.364	
20 (12,5)	0.777	0.796	0.816	0.838	0.860	0.884	0.909	0.936	0.964	0.994	1.042	1.099	1.163	1.235	1.316	
21 (13)	0.785	0.804	0.824	0.844	0.866	0.889	0.913	0.939	0.966	0.994	1.040	1.094	1.154	1.221	1.296	
22 (14)	0.793	0.811	0.830	0.850	0.871	0.893	0.917	0.941	0.967	0.994	1.038	1.089	1.146	1.209	1.279	
24 (15)	0.807	0.824	0.842	0.861	0.881	0.901	0.923	0.946	0.970	0.995	1.034	1.081	1.132	1.188	1.250	
26 (16)	0.819	0.835	0.852	0.870	0.889	0.908	0.929	0.950	0.972	0.995	1.032	1.074	1.121	1.171	1.226	
28 (17)	0.830	0.845	0.862	0.878	0.896	0.914	0.933	0.953	0.974	0.996	1.029	1.069	1.111	1.157	1.207	
30 (19)	0.839	0.854	0.870	0.886	0.902	0.920	0.938	0.956	0.976	0.996	1.027	1.064	1.103	1.145	1.190	
32 (20)	0.848	0.862	0.877	0.892	0.908	0.924	0.941	0.959	0.977	0.996	1.026	1.060	1.096	1.135	1.176	
34 (21)	0.855	0.869	0.883	0.898	0.913	0.928	0.944	0.961	0.978	0.996	1.024	1.056	1.090	1.126	1.164	
36 (22)	0.862	0.875	0.889	0.903	0.917	0.932	0.947	0.963	0.980	0.997	1.023	1.053	1.084	1.118	1.154	
38 (24)	0.869	0.881	0.894	0.907	0.921	0.935	0.950	0.965	0.981	0.997	1.022	1.050	1.080	1.111	1.145	
40 (25)	0.874	0.886	0.899	0.912	0.925	0.938	0.952	0.967	0.982	0.997	1.020	1.047	1.075	1.105	1.136	
42 (26)	0.880	0.891	0.903	0.916	0.928	0.941	0.955	0.968	0.982	0.997	1.019	1.045	1.071	1.099	1.129	
44 (27)	0.884	0.896	0.907	0.919	0.931	0.944	0.957	0.970	0.983	0.997	1.019	1.043	1.068	1.095	1.122	
46 (28)	0.889	0.900	0.911	0.922	0.934	0.946	0.958	0.971	0.984	0.997	1.018	1.041	1.065	1.090	1.117	
48 (29)	0.893	0.904	0.914	0.925	0.937	0.948	0.960	0.972	0.985	0.997	1.017	1.039	1.062	1.086	1.111	
50 (31)	0.897	0.907	0.917	0.928	0.939	0.950	0.962	0.973	0.985	0.998	1.016	1.037	1.059	1.082	1.106	

Vm = number of km (miles) covered per hour.

Interpolation is allowed between the temperatures shown in the column headings.

MICHELIN EARTHMOVER TIRES FOR SPECIFIC USES

1°) Firstly, if the dimension exists for your machine and your use, you must use it (example: mechanical handling tires for handling use; heavy truck tires for construction use or for builder use, etc.)



2°) For all other cases, you must contact your Michelin Representative.

APPROXIMATE LOOSE MATERIAL DENSITIES (t/m³)

MATERIAL	DENSITY	MATERIAL	DENSITY
Alkaline potash	1.3 to 1.5	Copper ore	1.6
Anthracite	0.9 to 1.1	Iron ore	2.4 to 3.3
Clay (dry)	1 to 1.1	Pyrites	2.6
Clay (moist)	1.2 to 1.3	Earth (dry)	1.2 to 1.5
Clay (wet)	1.3 to 1.4	Earth (moist)	1.3 to 1.4
Bauxite	1.5	Earth (wet)	1.4 to 1.5
Mud	1.8	Overburden	1.7 to 1.8
Limestone	1.5 to 1.6	75% rock–25% earth	1.9 to 2
Coal	0.7	50% rock–50% earth	1.7 to 1.8
Quicklime	0.9 to 1.3	25% rock–75% earth	1.6
Slaked lime	1.1 to 1.3		
Chalk	1.8 to 2.6	Sand (dry)	1.5
Granite	1.6 to 1.7	Sand (moist)	1.9
Sandstone	1.6	Gravel (dry)	1.7 to 1.8
Crushed gypsum	1.6	Gravel (moist)	2
Marl clay	2.2		

APPROXIMATE LOOSE MATERIAL DENSITIES UNITS OF MEASURE AND CONVERSION TABLES

UNITS OF MEASURE AND CONVERSION TABLES

MEASUREMENT	ABBREVIATION	CONVERSION FACTOR	ABBREVIATION	MEASUREMENT	CONVERSION FACTOR	ABBREVIATION
TORQUE						
pound-foot	lb ft	x 0.1383	= m kg	kilogramme metre	x 7.233	= lb ft
kilogramme metre	m kg	x 9.81	= m N	Newton metre	x 0.102	= m kg
LENGTH						
inch	in	x 0.0254	= m	metre	x 39.37	= in
foot	ft	x 0.3048	= m	metre	x 3.281	= ft
yard	yd	x 0.9144	= m	metre	x 1.0936	= yd
mile	ml	x 1.6093	= km	kilometre	x 0.6214	= ml
LOAD						
pound	lb	x 0.4536	= kg	kilogramme	x 2.205	= lb
long ton (G.B.) 2240 lb	lg ton	x 1.016	= t	metric tonne	x 0.984	= lg ton
short ton (U.S.) 2000 lb	sh ton	x 0.907	= t	metric tonne	x 1.103	= sh ton
DENSITY						
pound per cubic foot	lb/cu ft	x 16.0184	= kg/m ³	kilogramme/m ³	x 0.625	= lb/cu ft
pound per cubic yard	lb/cu yd	x 0.5933	= kg/m ³	kilogramme/m ³	x 1.686	= lb/cu yd
PRESSURE						
kilo-pascal	kPa	x 0.01	= bar	bar	x 100	= kPa
atmosphere (at sea level)	atm	x 0.986	= bar	bar	x 1.014	= atm
pound per square inch	P.S.I.	x 0.0703	= kg/cm ²	kilogramme/cm ²	x 14.22	= P.S.I.
pound per square inch	P.S.I.	x 0.069	= bar	bar	x 14.513	= P.S.I.
pound per square inch	P.S.I.	x 0.068	= atm	atmosphere	x 14.7	= P.S.I.
pound per square inch	P.S.I.	x 6.895	= kPa	kilo Pascal	x 0.145	= P.S.I.
POWER						
french horse power	C.V.	x 0.7355	= KW	kilowatt	x 1.36	= C.V.
horse power	H.P.	x 0.7457	= KW	kilowatt	x 1.34	= H.P.
french horse power	C.V.	x 0.98	= H.P.	horse power	x 1.014	= C.V.
VOLUME/CAPACITY						
cubic foot	cu ft	x 0.02832	= m ³	cubic metre	x 35.31	= cu ft
cubic yard	cu yd	x 0.7646	= m ³	cubic metre	x 1.308	= cu yd
gallon (U.S.)	gal	x 3.7854	= l	liter	x 0.2642	= gal
TEMPERATURE						
degree fahrenheit	°F	- 32 et x (5/9)	= °C	degree Celsius	x (9/5) et + 32	= °F

FOOTNOTES & CAUTION

- (1) explanation about TKPH (TMPH)
- (2) explanation of the different characteristics
- (3) explanation about rim size marking
 example: 44.00/5.0 [6.0]
 the 1st value indicates rim width in inch (in this example: 44 inches)
 the 2nd value indicates the height of the rim flange (in this example: 5 inches)
 the 3rd value indicates the width of the rim flange (in this example: 6 inches)
- (5) increase pressure by 0,5 bar on the loader front axle
- (6) and in the EARTHMOVER TIRE USE AND MAINTENANCE GUIDE BY MICHELIN
 explanation about TG rim
- (8) manufacture is discontinued (commercial description highlighted to attract attention)
- (9) special order only (commercial description highlighted to attract attention) Consult your local Michelin representative
- (10) explanation of the various tables of load according to the use and to the tire position and how to determine pressures
 It is imperative to follow the explanation given Not following these instructions may impact tire performance
- (12) never exceed 6 bar
- (13) The removable flange must be continuous along its circumference, with no opening
 * The flange must be continuous in full-circumference, not open or split
 ** The «H» is on the tire side, the G of the norm is on the external part and until the rim bole
- (14) Diameter: Left column, fixed side; right column, removable side.

All values shown in these tables are maximums and should not be exceeded.



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EARTHMOVER TIRES