

MICHELIN EARTHMOVER SOLUTIONS
DATA & ADVICE
2026 EDITION



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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 DATA & ADVICE

EARTHMOVER SOLUTIONS

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TIRE RANGE CHART



RIGID DUMP TRUCKS



E2

MICHELIN
XV C



E3

MICHELIN
XDC



E3

MICHELIN
XDR 2 S



E3

MICHELIN
X-TRACTION S



E4

MICHELIN
XDR +



E4

MICHELIN
XDR 2+



E4

MICHELIN
XDR 250



E4

MICHELIN
XDR 250+



E4

MICHELIN
XDR 3



E4

MICHELIN
XDR 3+



E4

MICHELIN
XDR 3
EXTRA LOAD



E4

MICHELIN
XDR 3+
EXTRA LOAD



E4

MICHELIN
XDR 4 SPEED



E4

MICHELIN
XDR 4 SPEED+



E4

MICHELIN
XDR 4
EXTRA LOAD



E4

MICHELIN
XDT



E4

MICHELIN
XD GRIP



E4

MICHELIN
XH D1



E4

MICHELIN
X-HAUL



E4

MICHELIN
XHDT



E4

MICHELIN
X-TRACTION



E4

MICHELIN
X®TRA LOAD
GRIP

TIRE RANGE CHART



RIGID DUMP TRUCKS - CONTINUED



E4

MICHELIN
X[®]TRA LOAD
PROTECT



E4

MICHELIN
XK D1



E4

MICHELIN
X-QUARRY S



WHEEL LOADERS



L2

MICHELIN
X SNOPLUS



L2

MICHELIN
XTL A



L3

MICHELIN
XLD 65



E3/L3/G3

MICHELIN
XHA³



L3

MICHELIN
XHA²



L4

MICHELIN
XLD D1



E4/L4

MICHELIN
X[®]TRA DEFEND
E4/L4



E4/L4

MICHELIN
XTXL



L4

MICHELIN
X MINE



L4

MICHELIN
X[®]TRA POWER
A4/B4 COMPOUND



L5

MICHELIN
XLD D2



L5

MICHELIN
X[®]TRA POWER



L5

MICHELIN
X MINE D2



L5

MICHELIN
X MINE D2
EXTRA LOAD

TIRE RANGE CHART



GRADERS



G2

MICHELIN
XGL A2



L2

MICHELIN
X SNOPLUS



L2

MICHELIN
XTL A



E3/L3/G3

MICHELIN
XHA³



L3

MICHELIN
XHA²



L3

MICHELIN
XLD 65



L4

MICHELIN
XLD D1



E4/L4

MICHELIN
X[®] TRA DEFEND
E4/L4



L5

MICHELIN
XLD D2



UNDERGROUND MINE MACHINES



E3/L3

MICHELIN
XK



L3

MICHELIN
XSM DN+



E4/L4

MICHELIN
TXTL



L4/SH4

MICHELIN
X MINE
DEFEND



SH4

MICHELIN
X UM HAUL



L5

MICHELIN
X MINE D2
EXTRA LOAD



L5

MICHELIN
X MINE D2
PRO



L5

MICHELIN
X MINE D2



L5

MICHELIN
XSM D2+



L5

MICHELIN
X MINE D2+
EXTRA LOAD



L5

MICHELIN
XSM D2+ PRO

TIRE RANGE CHART



ARTICULATED DUMP TRUCKS



E3

MICHELIN
XADN+



SUPER E3

MICHELIN
XAD 65



E3/L3/G3

MICHELIN
XHA³



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



L5

MICHELIN
X LISSE
COMPACTEUR

MICHELIN DATA & ADVICE

EARTHMOVER SOLUTIONS

PRODUCT PRESENTATION

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MICHELIN XAD 65

1 PRODUCTIVITY

Up to 1,600 kg (3,257 lb) more load at reduced pressure ⁽¹⁾

The highest productivity of the Michelin portfolio for ADT machine in tonnage per kilometer per hour.

2 TRACTION

Michelin E3 radial technology designed for enhanced traction and flotation

Self-cleaning, multi-block tread and larger footprint lower ground contact pressure for strong lateral grip, stability and mobility on soft terrain.

3 TIRE LIFE

Lower heat generation rubber provides a higher mileage on the field ⁽²⁾

TIRE CHARACTERISTICS



ADDITIONAL INFORMATION

APPLICABLE VEHICLES



The MICHELIN XAD65 tire is engineered for loaded cycles on hard and muddy soils. Its protection is designed to resist medium rock and abrasive surfaces, helping maintain uptime and reduce casing damage in demanding conditions.

Product Category Manager
Construction tires - MICHELIN

⁽¹⁾ Internal comparison between Michelin 875/65 R29 XAD65 and Michelin 29.5 R25 XADN+, measurements certified by the Michelin® Center of Technology, Ladoux, France.

⁽²⁾ Compared to MICHELIN X-SUPER TERRAIN



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MICHELIN XADN+

1 PRODUCTIVITY

Tire designed to propose up to 314 TKPH⁽¹⁾

This high productivity is defined for new and retread life.

2 TRACTION

Multi-block tread design for reliable grip in soft and muddy terrain

Alternating multi-edged shoulder blocks enhance stability. Self-cleaning tread pattern improves lateral grip on soft ground, while reinforced summit resists stress during cornering.

3 TIRE LIFE

Tread wear resistance thanks to new rubber compound⁽²⁾

Provides +11%⁽³⁾ of wear life on average compared to E3/L3 premium competitors.

TIRE CHARACTERISTICS

ADDITIONAL INFORMATION

APPLICABLE VEHICLES



The MICHELIN XADN+ tire is designed for long cycles on hard soil and muddy conditions. The level of protection is intended for use on soft rock and gravel surfaces.

Product Category Manager
Construction tires - MICHELIN

⁽¹⁾ Data from the 2022-2023 MICHELIN Technical Databook — Earthmover Tires (size: 29.5 R25). Reference values obtained with A-type rubber compound. Extension of values may be possible but requires validation through a specific study; please consult your local Michelin Technical Representative for confirmation and application conditions.

⁽²⁾ Compared to MICHELIN X-SUPER TERRAIN, in the same size.

⁽³⁾ Michelin internal wear life projection study, led in August 2016 and based field studies in real life conditions of use in Europe over 24 tires (Bridgestone VLT and Goodyear TL-3A+ with MICHELIN XADN+) on 26.5 R 25 E3 size. Method available upon request.



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MICHELIN X-CRANE+

1 SAFETY

Increased reliability

Reliability ensured by resistant cables, C2 Technology, and durable bead area

2 COMFORT

Tread design configured for driven axle and machine alignment

Generates less vibrations and a good comfort for the operator.

3 TIRE LIFE

Wear life increase by up to 20%⁽¹⁾

Thanks to a new, more resistant rubber compound in the tread.

TIRE CHARACTERISTICS



ADDITIONAL INFORMATION

APPLICABLE VEHICLES



The MICHELIN X-CRANE+ tire is engineered for all-terrain mobile cranes, combining rugged construction and an advanced tread for durability and traction. It delivers long service life and reliable on- and off-road performance, boosting productivity and safety on demanding sites.

Product Category Manager
Construction tires - MICHELIN

⁽¹⁾Internal comparison between the Michelin® X-Crane® and the Michelin® X-Crane + same dimension. Field study in real life conditions made by Michelin from April 2009 to October 2013 in Italy, France, Serbia and Dubai, same tire usage. Measurements certified by Michelin Center of Technology, Ladoux, France.



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MICHELIN X-CRANE 2

1 SAFETY

Designed to improve braking performance and grip

The tire features a new tread pattern inspired by Michelin truck tires. The integration of REGENION technology⁽¹⁾ contributes to increased mobility and reliability.

2 PRODUCTIVITY

New load and speed index enabling increased load capacity and the right nominal speed according to the characteristics of each tire size⁽²⁾

The new tire structure allows it to carry heavier loads while reducing heat build-up, thereby increasing its performance in demanding conditions.

3 ENERGY EFFICIENCY

Fuel consumption is reduced by 13.3% compared to main competitor⁽³⁾

Lower rolling resistance not only decreases CO2 emissions but also enhances the machine's fuel efficiency, resulting in lower operational costs.

TIRE CHARACTERISTICS



ADDITIONAL INFORMATION

APPLICABLE VEHICLES



With the MICHELIN X-Crane 2 tire, you can drive with peace of mind. We always keep safety in mind as a priority while enhancing productivity, load capacity, and overall efficiency — without sacrificing comfort or performance.

Product Category Manager
Construction tires - MICHELIN

⁽¹⁾ REGENION technology is developed by Michelin 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.

⁽²⁾ Comparison based on the 445/95R25 178F X-Crane 2 operating at its nominal speed of 80 km/h versus the 445/95R25 174F X-Crane +.

⁽³⁾ Results are based on tests certified by Dekra at the Ladoux Test Center in November 2024, comparing the MICHELIN X-Crane 2 and Bridgestone VHS2 tires in the 445/95R25 size. The tests followed the same protocols, configurations and vehicle, with a speed limiter set at 85 km/h. Fuel consumption was measured over 9 laps and recorded at the end of the 10th lap before exiting the track.



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MICHELIN XD GRIP



1 TRACTION

Robust grip capabilities

30% more lug edges⁽¹⁾ help provide very strong grip in muddy or loose conditions.

2 ROBUSTNESS

Aggression resistance from hidden obstacles

New design with larger contact patch, extra protection and more tread volume.⁽²⁾

3 PRODUCTIVITY

10% more life⁽²⁾, load⁽²⁾ and speed⁽²⁾ than the MICHELIN® X-TRACTION™ tire.

TIRE CHARACTERISTICS

ADDITIONAL INFORMATION

APPLICABLE VEHICLES



The MICHELIN XD GRIP performs well in tough off-road conditions. Its aggressive tread pattern delivers adequate traction on loose and rocky terrain, while the reinforced design⁽²⁾ ensures high resistance to cuts and damage.

Product Category Manager
MICHELIN GROUP

⁽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. Actual results may vary.



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1 SAFETY

Controlled handling and consistent adhesion

Non-directional tread pattern with bridging reinforcement between blocks. Multi-use tread design made of independent blocks.

2 TIRE LIFE

Good protection against crown impact and accidental damage

Reinforced sidewalls ensure very good protection against impacts and tears due to shocks.

3 PRODUCTIVITY

High speed use

Specific rubber compounds resistant to heat.

TIRE CHARACTERISTICS

ADDITIONAL INFORMATION

APPLICABLE VEHICLES



The MICHELIN XDC tire is designed for rigid dump trucks operating on well-maintained site roads. It offers consistent traction and handling with a non-directional tread pattern with bridging reinforcement between tread blocks.

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1 TIRE LIFE

Substantial tread with an innovative design

Independent tread blocks limit heat in tread and crown, reduce wear, and support an innovative pattern that distributes stresses evenly across the crown area.

2 PRODUCTIVITY

Damage protection in severe conditions of use

Square shoulders and a massive, robust tread band support stability, traction capacity, and acceleration.

3 TRACTION

Strong traction in transverse and longitudinal directions

Circumferential grooves combined with central transverse edges ensure consistent traction and control in both longitudinal and transverse directions.

TIRE CHARACTERISTICS



ADDITIONAL INFORMATION

APPLICABLE VEHICLES



The MICHELIN XDR tire is designed for the extreme conditions of mining and construction sites. With its reinforced casing and innovative rubber compound, it offers strong resistance to cuts and tears, ensuring an extended lifespan.

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1 TIRE LIFE

Designed for consistent wear performance

New tread compounds engineered for controlled wear.

2 PRODUCTIVITY

Increased TKPH by 25%⁽¹⁾

Cooler tire thanks to the addition of circular sipes.

3 ROBUSTNESS

Evolutionary tread pattern

designed for wear consistency and thermal resistance

TIRE CHARACTERISTICS



ADDITIONAL INFORMATION

APPLICABLE VEHICLES



The MICHELIN XDR+ tire is engineered for surface mining and quarry operations, delivering durability and performance. Its advanced tread compounds optimize wear rates, while the innovative tread pattern enables thermal resistance and cooling.

Product Category Manager
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⁽¹⁾ Compared to 30.00R51 XDR® 3 TKPH: 643; 30.00R51 XDR® + MC TKPH: 804 (+25%). Actual results may vary.



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1 TRACTION

Reliable traction

Adheres in loose ground and muddy conditions.

2 ROBUSTNESS

Robust casing design supporting durability and easy mounting

Steel encapsulated in rubber helps limit corrosion spread and supports structural integrity. Robust bead area provides resistance and facilitates easier mountability.

TIRE CHARACTERISTICS

ADDITIONAL INFORMATION

APPLICABLE VEHICLES



Built to handle demanding conditions, the MICHELIN XDR2+ tire features a solid structure and delivers strong traction, providing reliable grip, lasting performance, and confidence on every job.

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1 PRODUCTIVITY

High level of TKPH for high speed haulage

A tread pattern designed for optimized thermal behavior in the tread compounds

2 ROBUSTNESS

Enhanced architecture and crown design ⁽¹⁾

High resistance steel for stronger cables & plies and rubber encased cables, and 20% wider bead bundle and better rim contact surface.⁽¹⁾

TIRE CHARACTERISTICS

ADDITIONAL INFORMATION

APPLICABLE VEHICLES



Designed for surface mines that need a high TKPH and resistance to aggression. Its new tread pattern offers improved thermal properties and crown protection, while the bead area endurance is enhanced with a 20% wider bead bundle.⁽¹⁾

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



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MICHELIN XDR3



1 ROBUSTNESS

Corrosion-proof cables that are 10% stronger ⁽¹⁾

The rubber integrated into the steel prevents the spread of corrosion for greater robustness.

Stronger steel inside the cable.

2 TIRE LIFE

Increase in tire life by a minimum of 8-10% ⁽²⁾

Exclusive new mixing process. The mixture is a lot more uniform which gives a reduced rate of wear. Higher level of carbon black dispersion, which improves wear resistance.

3 PRODUCTIVITY

Same TKPH as the MICHELIN XDR 2 tire ⁽³⁾

Good endurance due to improved heat dissipation from the innovative tread pattern. Better resistance to damage thanks to a slower rate of wear.⁽⁴⁾

TIRE CHARACTERISTICS



ADDITIONAL INFORMATION

APPLICABLE VEHICLES



The MICHELIN XDR 3 tire is built for maximum durability and performance in mining applications. Its advanced design provides strong resistance to wear, cuts, and impacts, while offering the right traction on challenging conditions.

**Product Category Manager
MICHELIN GROUP**

⁽¹⁾ vs. MICHELIN® XDR® 2 tire, all sizes.

⁽²⁾ TIRE SIZES: 27.00R49, 33.00R51, 37.00R57, 40.00R57, 50/90R57, 53/80R63, 59/80R63. Compared to the MICHELIN® XDR or MICHELIN XDR 2. Average performance by mine site. Projected improvement in tire life based on field performance in customer mine sites over 29 months.

⁽³⁾ 10% increase in TKPH for 27.00R49 size vs MICHELIN® XDR® 2 tire in the same dimension.

⁽⁴⁾ 27.00R49 *** capacity casing with 10% load increase vs MICHELIN® XDR® 2 tire, same dimension.



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MICHELIN XDR3 EXTRA LOAD



1 LOAD CAPACITY

Increase in load capacity by 12.6% with better load distribution.⁽¹⁾

Structure designed to provide the strength required for extra load. Enhanced cable architecture (+25%)⁽¹⁾, new plies, and robust casing support resistance in demanding conditions.

2 TIRE LIFE

Controlled wear rate

Managed wear rate enabled by a new mixing process and innovative compounds.⁽¹⁾

TIRE CHARACTERISTICS

ADDITIONAL INFORMATION

APPLICABLE VEHICLES



The MICHELIN XDR3 EXTRA LOAD tire is designed for surface mining, offering up to a 12.6% increase in maximum truck payload and a 15% increase in TKPH.⁽¹⁾

Product Category Manager
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⁽¹⁾ Based on comparisons of the MICHELIN® XDR® 3 Extra Load to the MICHELIN® XDR® 3, in the same dimension (50/80R63). Actual results may vary.



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1 ROBUSTNESS

More wear on front and rear axles ⁽¹⁾
This tire features the latest Michelin Multilayer technology.

2 TIRE LIFE

Designed with a more homogeneous mix leading to a slower wear rate ⁽¹⁾
2nd generation of innovative compounds.

TIRE CHARACTERISTICS

ADDITIONAL INFORMATION

APPLICABLE VEHICLES



The MICHELIN XDR 3+ tire is engineered for durability in extreme mining operations. Its advanced tread design provides strong resistance to wear and cuts, while maintaining the right traction on challenging conditions.

Product Category Manager
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⁽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.



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MICHELIN XDR3+ EXTRA LOAD



1 LOAD CAPACITY

Built for extra load conditions

Stronger cables, new plies and robust structure designed to deliver additional strength⁽¹⁾.

2 TIRE LIFE

Extend tire life by at least 4%⁽¹⁾

Second generation innovative compound: MB4. The tire has Michelin Multilayer Technology and is designed to be rotated to the rear axles to increase tire life.

3 ROBUSTNESS

Robust structure with additional strength

Updated tire casing architecture to ensure longevity.

TIRE CHARACTERISTICS

ADDITIONAL INFORMATION

APPLICABLE VEHICLES



The MICHELIN XDR 3+ EXTRA LOAD tire is engineered for rigid dump trucks in surface mining, offering a 4%⁽¹⁾ increase in tire life with its advanced compounds and robust construction.

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⁽¹⁾ Compared to the MICHELIN® XDR® 3 tire. Actual results may vary.



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MICHELIN XDR4 EXTRA LOAD



1 LOAD CAPACITY

10% more load capacity⁽¹⁾

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

2 PRODUCTIVITY

Up to 2576 TKPH⁽¹⁾

New cables, architecture and larger size.

3 TIRE LIFE

Improved heat resistance, adherence and wear profile⁽²⁾
Innovative tread pattern.

TIRE CHARACTERISTICS

ADDITIONAL INFORMATION

APPLICABLE VEHICLES



The MICHELIN XDR 4 EXTRA LOAD tire is designed for surface mining operations, offering durability and performance. With a 10% increase in load capacity⁽¹⁾, it boosts productivity and efficiency. The innovative tread pattern supports high heat resistance.

Product Category Manager
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⁽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.



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MICHELIN XDR4 SPEED



1 TIRE LIFE

7% longer tire life⁽¹⁾

Thanks to a tread pattern that improves aggression resistance and a tread compound that is more wear resistant.

2 TRACTION

More grip⁽²⁾

Lateral grooves in the tread evacuate mud, dirt and water to help trucks avoid decreased traction even when worn.

3 PRODUCTIVITY

Runs cooler⁽³⁾ at the same TKPH⁽⁴⁾

Designed with the right thermal capacity to run at 4 degrees centigrade cooler in the internal chamber. This can reduce TPMS temperature alarms at the same TKPH (1608).

TIRE CHARACTERISTICS

ADDITIONAL INFORMATION

APPLICABLE VEHICLES



The Michelin XDR4 SPEED tire runs cooler and delivers a minimum of 7% longer tire life than the the Michelin XDR 250 C tire without compromising TKPH.⁽¹⁾

Product Category Manager
MICHELIN GROUP

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

⁽²⁾ Improved grip compared to the MICHELIN® XDR® 250 C 50/80R57 tire. Compared to the MICHELIN® XDR® 250 C tire, the MICHELIN® XDR® 4 SPEED MC tire has grooves that are longer and more frequent. XDR250 has 44 grooves, XDR4 SPEED has 48 grooves.

⁽³⁾ Compared to MICHELIN® 50/80R57 XDR® 250 C tire. Actual results may vary.

⁽⁴⁾ TKPH figures from Michelin Databook. Actual site TKPH will vary based on many factors, including cycle distance, temperature, and load conditions.



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MICHELIN XDR4 SPEED+



1 PRODUCTIVITY

High TKPH capability

Achieves up to 1,822 TKPH and a maximum distance of 34 kilometers in one hour, enabled by innovative heat-reducing casing and tread compounds.

2 TRACTION

Lateral tread grooves and abundant grooves enable strong grip

The new tread pattern ensures faster evacuation of mud, dirt, and water, providing better traction compared to the MICHELIN XDR 250 tire.

TIRE CHARACTERISTICS

ADDITIONAL INFORMATION

APPLICABLE VEHICLES



The MICHELIN XDR 4 SPEED+ tire is designed for rigid dump trucks in surface mining with long cycles, offering the highest TKPH on the market in its application.

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UPDATED JUN 2026

MICHELIN XDR 250



1 LOAD CAPACITY

More air volume can carry more load

The MICHELIN XDR 250 tire has 9.2% more air volume than the MICHELIN XDR 2 40.00 R 57 tire.

2 PRODUCTIVITY

Designed to increase TKPH without compromising tire life

Ventilated tread pattern delivers a cooler tire.

3 TIRE LIFE

Good tire life due to long lasting compounds and innovative tread pattern

TIRE CHARACTERISTICS



ADDITIONAL INFORMATION

APPLICABLE VEHICLES



The MICHELIN XDR 250 tire designed for surface mining and quarry operations, offering high durability and performance.

Product Category Manager
MICHELIN GROUP



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UPDATED JUN 2026

MICHELIN XDR 250+



1 ROBUSTNESS

Increased wear resistance due to innovative compounds.
Second generation of innovative compounds - MB4 and MB - provide the right level of carbon black dispersion.

2 TIRE LIFE

Wear management across front and rear axles
Michelin Multilayer Technology is engineered for front-axle use in the first cycle, then enables rotation to rear axles to support extended tire life.

TIRE CHARACTERISTICS



ADDITIONAL INFORMATION

APPLICABLE VEHICLES



The MICHELIN XDR 250+ tire is designed for 250-ton rigid dump trucks in surface mining operations. It features innovative compounds and layering technology that increase tire life by 8%⁽¹⁾, offering improved wear resistance.

Product Category Manager
MICHELIN GROUP

⁽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.



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UPDATED JUN 2026



1 TRACTION

Strong lateral grip and traction
Provided by maximum ground contact, reduced slipping, tread blocks designed to grip the ground, and a deep, aggressive tread surface.

2 ROBUSTNESS

Designed to resist cuts, hard wear and tear
Thanks to protective sidewall bands, square shoulders, and a thick tread surface supporting durability in demanding conditions.

3 TIRE LIFE

Reliable life and uptime
Supported by deep E4 tread depth, long service life, and a non-directional tread design enabling consistent performance throughout use.

TIRE CHARACTERISTICS



ADDITIONAL INFORMATION

APPLICABLE VEHICLES



The MICHELIN XDT tire is engineered for surface mining and quarry applications, providing strong traction and durability. Its deep, aggressive tread design ensures adequate ground contact and adherence.

Product Category Manager
MICHELIN GROUP



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1 SAFETY

Heat resistance

Reinforced sidewalls with bridging rubber between tread blocks.

2 COMFORT

Reinforced sidewalls

Non-directional tread with bridging rubber between tread blocks supporting precise handling.

3 TIRE LIFE

Regroovable sculpture

Lug-to-void ratio enables effective regrooving. Versatile non-directional tread with independent blocks enables adaptability and traction, and promotes even wear during service.

TIRE CHARACTERISTICS

ADDITIONAL INFORMATION

APPLICABLE VEHICLES



The MICHELIN XGC tire delivers robust performance in construction and industrial settings. Its durable tread ensures the right traction and stability on challenging surfaces, including loose, rocky terrain, helping crews work more safely and efficiently.

Product Category Manager
Construction tires - MICHELIN



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UPDATED JUN 2026

MICHELIN XGL A2



1 TRACTION

Provides a high traction capability on unstable and muddy soils

Non-directional, aggressive multi-block tread minimizes lateral slip while maximizing traction and power transfer to the grader blade, ensuring control and productivity on loose and muddy terrain.

2 ROBUSTNESS

Resistance to impacts and cuts resulting in less downtime

Michelin radial all-steel casing significantly reduces flats versus traditional bias-ply tires, improving puncture resistance and operational uptime.

3 STABILITY

A large contact patch enables the right handling and stability

Michelin radial steel casing and balanced footprint improve grading precision, enable lift stability for loaders and telehandlers, and allow operational safety during high-lift cycles.

TIRE CHARACTERISTICS



ADDITIONAL INFORMATION

APPLICABLE VEHICLES



AND MORE

The Michelin XGL A2 tire is engineered for demanding work: it delivers strong traction and grip, adequate power transfer to the blade, a larger contact patch to support handling, and help reducing flats—boosting uptime and operator confidence.

Product Category Manager
Construction tires - MICHELIN



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UPDATED JUN 2026

1 TIRE LIFE

+16% wear life on front axle vs. reference E3/L3 range⁽¹⁾

Thanks to extra rubber and a contact patch designed to support lower rubber consumption per hour. Wear-resistant compound enables a second life via retreading or resale of the casing.

2 ROBUSTNESS

Robust casing to provide new and retread lives

Up to +49% more tread rubber ⁽²⁾ to protect your tire and ensure its retreadability.

3 COMFORT

Patented XHA² sculpture⁽³⁾

Vibrations reduced by at least 50% below the human sensitivity threshold⁽⁴⁾ vs XHA, due to a asymmetrical tread providing contact with the ground.

TIRE CHARACTERISTICS

ADDITIONAL INFORMATION

APPLICABLE VEHICLES



The MICHELIN XHA² L3 tire is designed for long distance until 16km/h loaded, long time new and retread, long journey in the machine to limit the driver fatigue. The XHA² L3 Michelin tire optimizes the driver productivity.

Product Category Manager
Construction tires - MICHELIN

⁽¹⁾ In comparison with high-end competitors (manufacturer 1 & 2), field studies in real conditions carried out by Michelin over 5 years, from 2012 to 2017, in Eastern Europe, Western Europe, China and in South Asia-Pacific, on 170 tires of the same dimensions (23.5 R25, 26.5 R25 and 29.5 R 25). Results may vary.

⁽²⁾ Internal comparison between 875/65 R 29 X^{HA2}™ and 29.5 R 25 X^{HA}® 2TM +49% and +45% between a 775/65 R 29 X^{HA}® 2TM and 26.5 R 25 X^{HA2}™, measurements certified by the Michelin® Center of Technology

⁽³⁾ WO 2008/017569 patent

⁽⁴⁾ Tests certified by the Michelin Technology Center, carried out in Ladoux, France in July 2021. The measuring tool used for the tests is a cushion-type vibrometer placed on the operator's seat. Comparison of a Michelin® 23.5 R 25. All tires followed the same protocols and configurations (track temperature). The tests were carried out with a Volvo L120G machine following the tire pressure recommendations of each manufacturer.



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1 PRODUCTIVITY

Maximize operation efficiency and reduce downtime with control performance

The XHA³ is engineered to maintain structural integrity under variable pressures, it features a visual pressure indicator, ensuring accurate inflation and enhancing maintenance efficiency.

2 LONGEVITY

Experience extended mileage, reducing replacement costs overtime

The XHA³ features deeper tread design, intended to support traction and wear performance. This results in fewer tire replacements and longer-lasting performance.

3 POLYVALENCE

One tire performs across various applications, simplifying fleet management

The XHA³ is compatible with loaders, dump trucks, and graders, delivering stable performance in mixed-use environments and diverse terrains.

TIRE CHARACTERISTICS



ADDITIONAL INFORMATION

APPLICABLE VEHICLES



In a field demanding powerful machines, fast cycles, and constant uptime, the new MICHELIN XHA³ raises the standard as the flagship earthmover tire, combining Michelin's latest innovations with the proven performance of the XHA².

*Laurent Greppi -
Product Category Manager for
Michelin Construction tires*



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UPDATED JUN 2026

MICHELIN XH D1



1 PRODUCTIVITY

High productivity with reliable performance in challenging environment

Thanks to its deep tread, designed to deliver the right traction, allows it to perform effectively on all that types of haul roads in mines and quarries worldwide.

2 ROBUSTNESS

Built to withstand tough conditions and prevent damage

Thanks to reinforced sidewalls protect the tire from cuts and abrasions on the harshest haul roads, ensuring durability and reliability.

3 TIRE LIFE

Extended tire lifespan for consistent performance

The deep tread and an adapted ground contact area, along with advanced tread compound, make the MICHELIN XH D1 tire last longer than conventional tires.

TIRE CHARACTERISTICS



ADDITIONAL INFORMATION

APPLICABLE VEHICLES



ALSO APPLICABLE ON
**WIDE BODY
TRUCK**

Designed for rigid dump trucks operating in quarries and harsh mining environments. With a deep tread for strong traction, it offers effective durability and longevity. Reinforced sidewalls protect against cuts and abrasions, while maximizing productivity and retreadability.

Product Category Manager
Construction tires - MICHELIN



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UPDATED JUN 2026

MICHELIN XHDT



1 PRODUCTIVITY

TKPH performance suited for load and speed conditions

2 TRACTION

Strong traction and effective evacuation
Supported by a specially-designed tread pattern.

3 ROBUSTNESS

Protection against sidewall penetrations
Built-up sidewall and 47 mm tread depth help extend service life, improve resistance to damage, and maintain traction for longer in demanding conditions.

TIRE CHARACTERISTICS

ADDITIONAL INFORMATION

APPLICABLE VEHICLES



ALSO APPLICABLE ON
WIDE BODY TRUCK



The MICHELIN XHDT tire is designed for heavy-duty construction applications, offering exceptional durability and traction on rugged terrains. Its robust tread pattern enables grip and stability, making it suitable for various machines operating in challenging environments.

Product Category Manager
Construction tires - MICHELIN



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UPDATED JUN 2026



1 ROBUSTNESS

Protection against shocks, cuts and impacts

2 TIRE LIFE

Buttressed shoulders and sidewalls provide stability and durability

TIRE CHARACTERISTICS

ADDITIONAL INFORMATION

APPLICABLE VEHICLES



The MICHELIN XK tire is designed to deliver maximum protection in severe transport and abrasive underground mining conditions. Its massive buttressed shoulders and sidewalls provide stability and long life.

Product Category Manager
MICHELIN GROUP



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MICHELIN XK D1



1 ROBUSTNESS

Deep tread to resist the effects of abrasive surfaces.

2 TIRE LIFE

Sidewalls protected by a protective band on the sidewall. Solid and robust tire tread (E4 tire).

TIRE CHARACTERISTICS

ADDITIONAL INFORMATION

APPLICABLE VEHICLES



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UPDATED JUN 2026

MICHELIN XLD 65



1 PRODUCTIVITY

Load capacity & tire life

Load capacity increased by 12 to 15%⁽¹⁾ while maintaining the same inflation pressure. Risk of shocks reduced and damage resistance increased at constant load. Significant increase in life of 25 to 30%⁽¹⁾.

2 SAFETY

Designed for controlled stability and smoother ride

Tread design and casing structure support stability and help limit vibrations during operation.

3 MOBILITY

Traction and mobility on soft ground

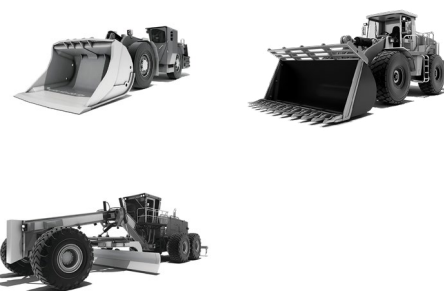
Tread pattern supports flotation and traction, enabling mobility on yielding underfoot conditions and maintaining adhesion.

TIRE CHARACTERISTICS



ADDITIONAL INFORMATION

APPLICABLE VEHICLES



The MICHELIN XLD 65 tire is designed for high-traction soil conditions, offering the best compromise between summit protection and distance per hour with the Michelin L3 65 series.

Product Category Manager
Construction tires - MICHELIN

⁽¹⁾ Internal comparison between the Michelin® XLD 65 and the Michelin® XHA® with the equivalent overall diameter, in real life conditions, measurement certified by the Michelin® Center of technology, Ladoux, France.



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MICHELIN XLD D1



1 ROBUSTNESS

Extended tire life

Steel cords at crown and sidewall increase damage resistance at maximum load for load-and-carry operations (*/**) up to 14 km/h. Angled lugs provide strong longitudinal adhesion for more efficient loading at the face.

2 TRACTION

Strong grip

Open-center directional L4 tread with aggressive blocks enables rapid mud evacuation, strong lateral grip and traction, and more effective bucket loading for higher productivity in soft, muddy conditions.

3 COMFORT

Reinforced belt package and compound suited to aggressive conditions

Provides a continuous ground contact for a smooth and comfortable ride for the operator.

TIRE CHARACTERISTICS

ADDITIONAL INFORMATION

APPLICABLE VEHICLES



The MICHELIN XLDD1 tire is designed for traction on abrasive stone with up to 14 km per hour for load and carry cycles on hard soil conditions.

Product Category Manager
Construction tires - MICHELIN



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UPDATED JUN 2026

MICHELIN XLD D2

1 ROBUSTNESS

High tread depth 146 mm/116 32nd (L5) provides effective tire wear
Reinforced belt package with A4 compound, formulated for aggressive conditions, deliver the right tread protection and contributes to extending wear life for face work and load-and-carry operations, also suitable for retread life.

2 TRACTION

Massive aggressive L5 tread with open center for strong traction
Open-center L5 tread with angled lugs and mud-ejecting design delivers well-performing grip and longitudinal adhesion for efficient bucket-loading on aggressive stone.

3 COMFORT

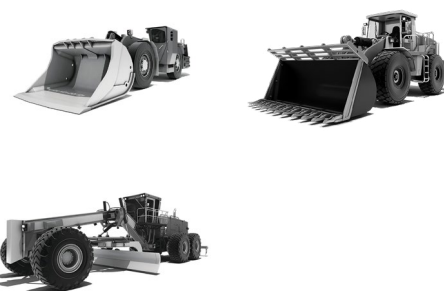
Wide square tread with directional sculpture for stable performance.
Supports operator stability during loading and helps reduce vibration while travelling, contributing to control and comfort.

TIRE CHARACTERISTICS



ADDITIONAL INFORMATION

APPLICABLE VEHICLES



The MICHELIN XLD D2 tire is designed for aggressive usages on hard rock in face work application and responding at high level of comfort on asphalt for load and carry application.

Product Category Manager
Construction tires - MICHELIN



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UPDATED JUN 2026

MICHELIN X LISSE COMPACTEUR



1 SOIL PROTECTION

No trace left on the floor

The smooth tread and rounded shoulder ensure uniform contact pressure over the entire contact surface.

2 ROBUSTNESS

Michelin Radial casing

The high steel cord resistance, Radial construction and wear indicators in the tread make it easy to assess tread wear and reduce operating costs.

3 PRODUCTIVITY

Resistance to heat condition

The special design of the cold conception rubber crown provides effective heat resilience and helps to reduce machine downtime.

TIRE CHARACTERISTICS

ADDITIONAL INFORMATION

APPLICABLE VEHICLES



The MICHELIN X LISSE COMPACTEUR tire is designed to support soil finishing. The radial technology contributes to consistent surface quality and supports efficient operation while helping maintain surface finish.

Product Category Manager
Construction tires - MICHELIN



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1 SAFETY

Designed for more comfort & handling
Provides robust grip and handling.

2 PRODUCTIVITY

Specialized steel casing conception for off road usage
Designed for long-distance load/unload truck use: heavy tread blocks deliver high protection and durability, while an increased 'land to sea' ratio⁽¹⁾ improves operational versatility.

3 TIRE LIFE

Reinforced crown structure
Specialized compound and high wear resistance rubber allowing high speeds over long distances with high wear-resistance.

TIRE CHARACTERISTICS



ADDITIONAL INFORMATION

APPLICABLE VEHICLES



ALSO APPLICABLE ON
ROAD TRAIN

The MICHELIN XMH S tire is an E2S radial tire engineered for high-speed, long-distance transport, delivering reliable performance.

Product Category Manager
Construction tires - MICHELIN

⁽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, Ladoux, France.



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MICHELIN X MINE



1 PRODUCTIVITY

Improved mobility and productivity

Drives mobility and productivity with advanced tramming speed performance

2 ROBUSTNESS

Robust protection and 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.

3 TIRE LIFE

Designed for extended service life on the front axle

With controlled heat management supporting endurance and radial construction providing strength and protection

TIRE CHARACTERISTICS

ADDITIONAL INFORMATION

APPLICABLE VEHICLES



The MICHELIN 70/70 R 57 X MINE L4** is the first Radial tire constructed for the Komatsu WE2350/P&H L2350 large wheel loader.

Product Category Manager
MICHELIN GROUP



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UPDATED JUN 2026

MICHELIN X MINE D2



1 TRACTION

Designed for traction and evacuation

The shoulder groove creates the right design for traction and evacuation, with a smooth central pattern for adhesion and protection.

2 ROBUSTNESS

Impact resistance

Thanks to the fortified compound, the reinforced protection ply and the tread depth slow tire wear and help ensure this tire is robust under standard conditions.

3 TIRE LIFE

Optimized compound

The compound and tread depth slow tire wear.

TIRE CHARACTERISTICS

ADDITIONAL INFORMATION

APPLICABLE VEHICLES



The MICHELIN X MINE D2 tire is designed to withstand the toughest environments. Its reinforced construction provides additional protection against cuts and impacts, while delivering excellent traction on rocky surfaces compared to the MICHELIN XLD D2 tire.

Product Category Manager
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1 LOAD CAPACITY

Extra load-carrying capacity
New bead area and stronger, more robust architecture increases load capacity by up to 16%. ⁽¹⁾

2 ROBUSTNESS

Increased sidewall protection ⁽²⁾
An innovative technology, constituted by extra plies in the sidewall, prevents rock penetration.

3 TIRE LIFE

Improved tire life ⁽²⁾
When used at ** load, Michelin X Mine D2 Extra Load has improved aggression resistance, which results in more tire life.

TIRE CHARACTERISTICS

ADDITIONAL INFORMATION

APPLICABLE VEHICLES



⁽¹⁾ Internal comparison between the Michelin X Mine D2** tire (2023 Michelin Data Book) and the Michelin 35/65R33 X Mine D2 EXTRA LOAD *** tire. Increase the load capacity by 16% from 28,000 kg to 32,500 kg.

⁽²⁾ Internal comparison between Michelin X Mine D2 ** tires and Michelin 35/65R33 X Mine D2 EXTRA LOAD *** tires. Improved aggression resistance due to new cables and reinforced sidewall plies.



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UPDATED JUN 2026

MICHELIN X MINE D2 PRO



1 LOAD CAPACITY

Extreme conditions demand tough tires

Up to 18% increased load capacity⁽¹⁾.

2 ROBUSTNESS

Improved aggression resistance⁽²⁾

More resistance to damage due to new crown cables and NRF technology.⁽³⁾

3 TIRE LIFE

Extended tire life

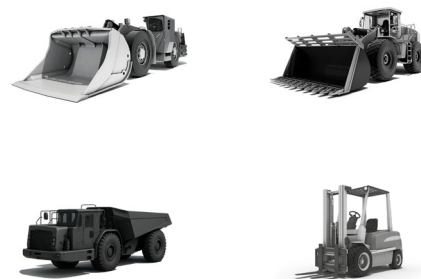
Service life improved⁽³⁾ in harsh conditions thanks to an optimized tread compound.

TIRE CHARACTERISTICS



ADDITIONAL INFORMATION

APPLICABLE VEHICLES



AND MORE

The X MINE D2 PRO tire is built for the most demanding underground mining and quarry environments. It features advanced NRF technology and new crown cables for strong resistance to aggression and reduced downtime.

Product Category Manager
MICHELIN GROUP

⁽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. 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⁾ Michelin NRF technology is designed for aggressive conditions such as rocks and debris, that is unique to underground mining. It consists of two extra plies added to tire construction which contain crossed nylon cords encased in rubber for greater resistance and toughness. More at <https://business.michelinman.com/by-technology/casing-technologies#nrf>

⁽⁴⁾ 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.



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MICHELIN X MINE DEFEND



1 LOAD CAPACITY

The right load and speed to maximize performance in * applications**

The MICHELIN X MINE Defend tire can carry up to 18% more material in an 8-hour shift cycle ⁽¹⁾. The tire can carry the same load with less pressure (1 bar less) in the UGM application.

2 TIRE LIFE

4% improved tire life⁽²⁾

The tire is better able to flex and maintain a more even footprint at the same load with a lower pressure leading to better wear ⁽¹⁾, while also having 10% more tread rubber by volume ⁽²⁾.

3 TRACTION

Effective traction / adhesion from the center groove and tread pattern

A center groove that increases grip and a new innovative tread pattern lead to better traction. ⁽²⁾

TIRE CHARACTERISTICS

ADDITIONAL INFORMATION

APPLICABLE VEHICLES



The MICHELIN X MINE DEFEND tire is built for underground trucks and block handling quarries—especially those requiring high load, speed & traction with improved grip and traction compared to the MICHELIN XTXL tire.

Product Category Manager
MICHELIN GROUP

⁽¹⁾ Example is based on estimations comparing an UGM truck using a 29.5R25 tyre at the load of 23,000kg. The comparison of the MICHELIN 29.5R25 XTXL tyre with its max distance in 1 hour of 12 km vs. an UGM truck fitted with the MICHELIN 29.5R25 X MINE Defend tyre with a max distance in 1 hour of 14 km.



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1 COMFORT

Highest TKPH of the Michelin ScraperS portfolio with E3 offer Staggered tread blocks provide adequate operator comfort.

2 TRACTION

Directional sculpture with high lug to void ratio

The edges of the circumferential tread pattern offer performant lateral grip.

3 ROBUSTNESS

High Steel radial cord resistance for damage protection

Summit, shoulder and sidewall area is reinforced for the right uptime and productivity compromise.

TIRE CHARACTERISTICS

ADDITIONAL INFORMATION

APPLICABLE VEHICLES



The Michelin E3 radial tire for large scrapers is designed to deliver appropriate traction, strong damage resistance and a smooth ride.

Product Category Manager
Construction tires - MICHELIN



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UPDATED JUN 2026

MICHELIN XRS

1 ROBUSTNESS

Highest tread depth protection of the Michelin Scrapper portfolio
E4 offer to respond to high level of aggression.

2 TRACTION

Non directional sculpture with high lug to void ratio
The high tread depth associated to the void ratio allow to bring high traction between staggered blocks.

3 TIRE LIFE

E4 offer to respond to high level of soil abrasivity
The E4 sculpture associated to the non directional sculpture with staggered blocks allow a lower tread rubber consumption.

TIRE CHARACTERISTICS

ADDITIONAL INFORMATION

APPLICABLE VEHICLES



XRS is designed for Harsh soil condition with a need of high manoeuvrability in the field between stone and rock on the road.

Product Category Manager
Construction tires - MICHELIN



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MICHELIN XS SAND



1 FLOTATION

Wide tread band and large air volume

Offers the right distribution of low ground pressure constraints with low ground contact pressure

2 PRODUCTIVITY

Heavy loads at low inflation pressure

The productivity is possible with the Michelin low pressure casing conception. Strong, flexible radial casing with a sidewall intended for demanding use.

3 ROBUSTNESS

Resistance to hot climat condition

Multi-facet staggered tread blocks deliver high mobility. Tire specifically designed for hot conditions and UV exposure, with materials and construction that enhance durability and resistance.

TIRE CHARACTERISTICS



ADDITIONAL INFORMATION

APPLICABLE VEHICLES



Ideal for deep sand conditions, offering reliable traction and stability for articulated dump trucks and specialized machinery. It's built to handle challenging environments, ensuring smoother operations and reduced downtime.

Product Category Manager
Construction tires - MICHELIN



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UPDATED JUN 2026

MICHELIN XSM D2+



1 PRODUCTIVITY

Engineered to withstand extreme conditions

The protected casing and robust shoulders with sidewall protection minimize damage from impacts and penetration.

2 MOBILITY

Delivers the right performance in challenging conditions

The smooth, deep 78 mm tread design ensures adequate adhesion.

3 TIRE LIFE

Long-lasting performance in demanding environments

The robust design and high-quality materials extend the tire's lifespan.

TIRE CHARACTERISTICS



ADDITIONAL INFORMATION

APPLICABLE VEHICLES



The MICHELIN XSM D2+ tire is suited to the most extreme underground mining conditions. Its robust design and deep tread help reducing maintenance costs and downtime, thanks to the protected casing and reinforced sidewalls that resist impact.

Product Category Manager
MICHELIN GROUP



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MICHELIN XSMD2+ EXTRA LOAD



1 LOAD CAPACITY

Our most productive L5S * tire⁽¹⁾ carrying up to 32,500 kg**
New bead area enhances the robustness of the bead zone to support extra load capacity⁽¹⁾. Stronger, more robust architecture supports increased load capacity⁽¹⁾.

2 ROBUSTNESS

Our most aggression-resistant smooth tire design
Thanks to two new extra plies on the tire sidewall. Rock cuts are prevented from penetrating the sidewall stronger crown cables.

3 TIRE LIFE

5% more tire life⁽¹⁾ when used in ** applications
More robust crown cables and sidewall protection.

TIRE CHARACTERISTICS

ADDITIONAL INFORMATION

APPLICABLE VEHICLES



With its deep tread depth, wear-resistant compound, smooth sculpture and higher load capacity, the MICHELIN XSMD2+ EXTRA LOAD tire is designed to provide performance in aggressive conditions.

Product Category Manager
MICHELIN GROUP

⁽¹⁾ Comparaison vs. the Michelin XSM D2+ L5S** tire



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MICHELIN XSMD2+ PRO



1 LOAD CAPACITY

Increase load capacity by up to 18%⁽¹⁾

2 ROBUSTNESS

Improved aggression resistance⁽²⁾
Due to new cables and NRF technology⁽³⁾ (reinforced sidewall plies).

3 TIRE LIFE

Improved tire life⁽⁴⁾
In the harshest of conditions thanks to optimized tread compounds⁽⁴⁾.

TIRE CHARACTERISTICS

ADDITIONAL INFORMATION

APPLICABLE VEHICLES



The MICHELIN XSM D2+ PRO tire is designed to deliver the durability and traction needed for underground mining. Its deep smooth tread and reinforced sidewalls provide consistent resistance to cuts and impacts, ensuring longer tire life.

Product Category Manager
MICHELIN GROUP

⁽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 Data Book. 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⁾ NRF technology: Two extra plies added to the tyre structure contain cross-woven nylon cords built into the rubber for greater resistance and robustness.

⁽⁴⁾ 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.



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MICHELIN XSM DN+



1 PRODUCTIVITY

Specially designed for use in long cycles 10 km per hour / 6 mph distance

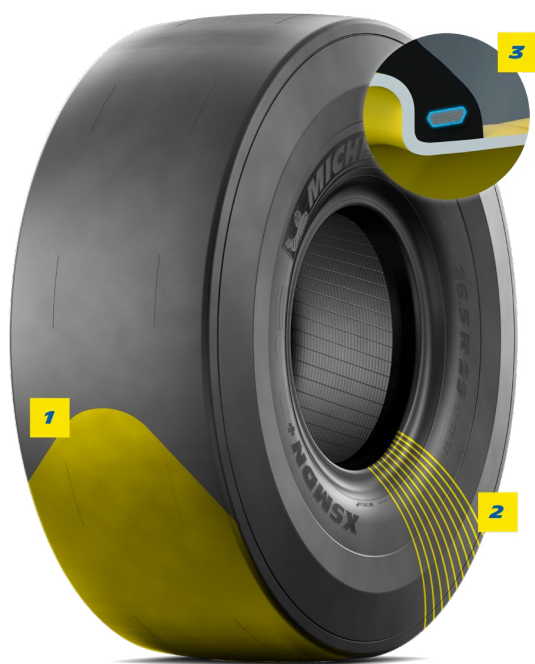
2 LOAD CAPACITY

Reinforced casing for high load capacity

3 ROBUSTNESS

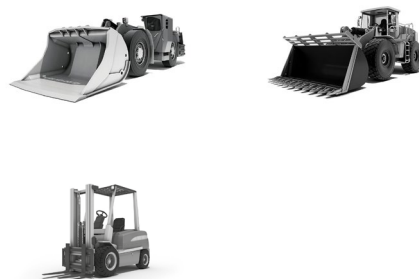
Robust bead area
Bead with B2 technology for extreme conditions.

TIRE CHARACTERISTICS



ADDITIONAL INFORMATION

APPLICABLE VEHICLES



The MICHELIN XSM DN+ tire is designed for underground mining, providing the right balance between load capacity, speed, and protection. Its robust construction and advanced bead technology ensure durability in extreme conditions.

Product Category Manager
MICHELIN GROUP



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UPDATED JUN 2026

MICHELIN X SNOPLUS

1 SAFETY

Special rubber compound and aggressive lug design with added sipes

Provides maximum manoeuvrability and precision on ice and snow.

2 VERSATILITY

Wide and non-directional tread design

Makes this a great tire for all-season use.

3 ROBUSTNESS

Michelin Radial technology with all-steel casing design

Provides a high resistance to impacts, cuts and reduces flats.

TIRE CHARACTERISTICS



ADDITIONAL INFORMATION

APPLICABLE VEHICLES



AND MORE

The MICHELINX SNOPLUS tire is designed for adequate grip on ice and snow. The tire robustness and the sculpture allow to use it as an all-season tire on hard surface and compacted soil.

Product Category Manager
Construction tires - MICHELIN



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UPDATED JUN 2026

MICHELIN XTL A

1 PRODUCTIVITY

Highest mobility of the Michelin portfolio on mud soil condition
Special L2/G2 offer for loader and grader with high void ratio.

2 ROBUSTNESS

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

3 STABILITY

Contact path with strong shoulder tread pattern
The casing conception allow to bring a high level of stability on loader for high lift condition and very good precision for grader cleaning cycles.

TIRE CHARACTERISTICS



ADDITIONAL INFORMATION

APPLICABLE VEHICLES



The MICHELIN XTLA tire is an L2/G2 radial tire designed to provide robust traction and stability on yielding terrain and long, even treadwear on loaders and graders.

Product Category Manager
Construction tires - MICHELIN



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UPDATED JUN 2026

MICHELIN XTRA DEFEND

1 ROBUSTNESS

Designed for better aggression resistance ⁽¹⁾

24,7%⁽¹⁾ more mass metal.
+15%⁽²⁾ thicker sidewalls.

2 TRACTION

Innovative XTRA DEFEND sculpture

The best sculpture (E4) to bring a high longevity during highest cycle solicitation.

3 TIRE LIFE

Extra deep tread thickness

B4 compound for advanced wear resistance. Lower heat generation rubber for a higher mileage on the field.

TIRE CHARACTERISTICS

ADDITIONAL INFORMATION

APPLICABLE VEHICLES



The MICHELIN XTRA DEFEND tire is designed for aggressive cycles on hard soil and mud conditions. The level of protection is suitable for hard rock and very abrasive surfaces.

Product Category Manager
Construction tires - MICHELIN

⁽¹⁾ On the summit, internal comparison between 29.5 R25 MICHELIN® XTRA Defend and 29.5 R25 MICHELIN® X®-SUPER TERRAIN™+, measurement certified by the Michelin® Center of technology, Ladoux, France.

⁽²⁾ On the summit, internal comparison between 29.5 R25 MICHELIN® XTRA DEFEND and 29.5 R25 MICHELIN® X®-SUPER TERRAIN™+, measurement certified by the Michelin® Center of Technology, Ladoux, France.



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UPDATED JUN 2026

MICHELIN XTRA DEFEND E4/L4

1 PRODUCTIVITY

New ** load capacity⁽¹⁾ for high torque wheel-loader & ADT

Casing designed at ** load capacity 25 750 kg / 56 779 lbs⁽²⁾ with increased protection and up to 14 km⁽³⁾ in one hour at high temperature up to 47°C.

2 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.

3 POLYVALENCE

Reinforced casing and summit conception for ADT/WHL applications

One product for 2 main machines: a stronger bead for high torque wheel-loader and reinforced crown and summit for ADT applications.

TIRE CHARACTERISTICS



ADDITIONAL INFORMATION

APPLICABLE VEHICLES



AND MORE

The MICHELIN XTRA DEFEND E4/L4 tire is designed, both for aggressive cycles on hard soil and mud conditions for ADT and aggressive surfaces during load and carry cycles for wheel loaders at high speed.

Product Category Manager
Construction tires - MICHELIN

⁽¹⁾ Except the 750/65 R 25, which is only L4* 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⁾ Maximum distance in one hour for Wheel Loader (WHL)

⁽⁴⁾ Internal comparison between the MICHELIN XLD D1 L4* and the MICHELIN XTRA DEFEND E4**/L4**, same dimension 29.5 R 25, measurement certified by the MICHELIN Center of Technology, Ladoux, France.



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UPDATED JUN 2026

MICHELIN XTRA LOAD PROTECT

1 PRODUCTIVITY

More distance in an hour⁽¹⁾ and a higher tkph⁽¹⁾

Drive up to 34 km⁽¹⁾ in one hour thanks to a cooler running tire.

A4 COMPOUND

+15.8% More distance in 1 hour⁽¹⁾

+9.3% Higher TKPH⁽¹⁾

B COMPOUND

+36% More distance in an hour⁽¹⁾

+69% More TKPH⁽¹⁾

2 LOAD CAPACITY

More carrying load capacity

Casing designed at *** load capacity 21 500 kg / 47 408 lbs⁽²⁾ at 8 bar for a total capacity of 129 000 kg / 284 448 lbs per RDT.

3 TIRE LIFE

Up to +8%⁽³⁾ Wear Life

Thanks to more rubber to be worn, an optimized contact patch, and corrosion-proof cables.

TIRE CHARACTERISTICS



ADDITIONAL INFORMATION

APPLICABLE VEHICLES



The Michelin dual-offer provides two compound choices so you can choose the right tyre for each duty: PROTECT pattern for appropriate protection; A4 compound for cut and aggression resistance; B compound for higher km per hour.

Product Category Manager
Construction tires - MICHELIN

⁽¹⁾ Compared to the MICHELIN® X-HAUL® S tyre in size 21.00R33. Actual results may vary. TKPH = Tons Kilometer Per Hour

⁽²⁾ Reference MICHELIN Earthmover databook 2023 for the MICHELIN XTRA LOAD PROTECT 24.00 R35.

⁽³⁾ Internal comparison between MICHELIN XDT™ and a MICHELIN XTRA LOAD PROTECT in dimension 18.00 R33 & 24.00 R35, based on field test measurements and FARO-method measurements certified by the Michelin® Center of Technology. Actual results may vary.



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UPDATED JUN 2026

MICHELIN XTRA LOAD GRIP

1 PRODUCTIVITY

Drive up to 34 km⁽¹⁾ in an hour
Thanks to a cooler running tire containing more natural rubber (compound B).

2 LOAD CAPACITY

More carrying load capacity
Casing designed at *** load capacity 21 500 kg / 47 408 lbs⁽²⁾ at 8 bar for a total capacity of 129 000 kg / 284 448 lbs per RDT.

3 TIRE LIFE

Up to +8%⁽³⁾ Wear Life
Thanks to more rubber to be worn, an optimized contact patch, and corrosion-proof cables.

TIRE CHARACTERISTICS



ADDITIONAL INFORMATION

APPLICABLE VEHICLES



Thanks to our double offer and double choice of rubber types, you'll be able to choose the right tire for the right use.

Pattern : GRIP = Traction

Compounds : A4 rubber = Resistant to aggression
B rubber = More KM in 1 hour.

Product Category Manager
Construction tires - MICHELIN

⁽¹⁾ Compared to MICHELIN® X® TRACTION™ SC and MICHELIN® XDT™ B compound tires. Actual results may vary. MICHELIN XTRA LOAD GRIP *** 24.00 R35 in B compound.

⁽²⁾ Reference MICHELIN Earthmover databook 2023 for the MICHELIN XTRA LOAD GRIP 24.00 R35.

⁽³⁾ Internal comparison between MICHELIN XDT™ and MICHELIN XTRA LOAD GRIP in dimension 18.00 R33 & 24.00 R35, based on field test measurements and FARO-method measurements certified by the Michelin Center of Technology. Actual results may vary.



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UPDATED JUN 2026

MICHELIN XTRA POWER L4 A4/B4



1 PRODUCTIVITY

Designed to increase load & speed at high temperatures for aggressive conditions

Casing designed at 71 663 lbs / 32500 kg at 6.2 mph or 10 km/h up to 47°C with 6 plies reinforced summit with an A4 tread compound and B4 tread compound until 16 km/h

2 ROBUSTNESS

Reinforced crown and sidewall resistance to aggression
+20% ⁽¹⁾ crown puncture resistance and +10% ⁽¹⁾ sidewall puncture resistance vs XLDD1 at 6.5 bar. Contains +11% (+98 kg) ⁽²⁾ extra material vs XTXL, enhancing durability and puncture protection for demanding operations.

3 COMFORT

Intended to support response to forward & reverse cycles in multi-purpose usages

Non-directional sculpture with a void ratio appropriate for the application.

TIRE CHARACTERISTICS

ADDITIONAL INFORMATION

APPLICABLE VEHICLES



The MICHELIN XTRA POWER L4 tire with A4 and B4 compound is engineered for multi-purpose use, delivering high load capacity, strong traction and solid resistance to aggressive conditions, keeping fleets productive in demanding environments.

Product Category Manager
Construction tires - MICHELIN

⁽¹⁾ 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.

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



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UPDATED JUN 2026

MICHELIN XTRA POWER L5



1 ROBUSTNESS

Designed with reinforced steel crown belt package
Provides more tire crown protection⁽¹⁾ (up to + 30% steel plies) to respond to the strongest loading cycles

2 PRODUCTIVITY

Up to +16% load capacity⁽¹⁾ at high temperature for aggressive conditions
Casing designed with one more* load rating vs XLDD2 range with up to 32500 kg/71663 lbs⁽²⁾ and up to 10 km⁽²⁾ in one hour / 6.2 miles in one hour at 47°C / 117°F

3 COMFORT

Non directional sculpture
Provides the right response to forward and reverse cycle in face work application

TIRE CHARACTERISTICS

ADDITIONAL INFORMATION

APPLICABLE VEHICLES



The MICHELIN XTRA POWER L5 tire is designed for aggressive usage on hard rock in face work applications.

Product Category Manager
Construction tires - MICHELIN

⁽¹⁾ Reference Michelin Technical Earthmover databook 2023. Internal comparison between Michelin XLDD2 35/65 R 33 and Michelin XTRA Power L5 35/65 R 33.

⁽²⁾ Reference Michelin Technical Earthmover databook 2023. Technical data for Michelin XTRA POWER L5 35/65 R 33.



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UPDATED JUN 2026



1 TRACTION

Self-cleaning tread with strong traction and grip

Open, widely spaced tread blocks and a self-cleaning design deliver the right traction. Features high void ratio in the Michelin scraper sculpture for robust grip.

2 TIRE LIFE

E3 offer to respond to high level of soil abrasiveness

The E3 sculpture associated to the non directional sculpture with staggered blocks allows a lower tread rubber consumption

3 ROBUSTNESS

Square shoulders and sidewall bands for to help prevent damage resistance

Additional rubber at shoulders and reinforced sidewall bands reduce damage and abrasion, extending service life.

TIRE CHARACTERISTICS



ADDITIONAL INFORMATION

APPLICABLE VEHICLES



AND MORE

The MICHELIN XTS tire is an E3T radial tire designed for medium powered scrapers in applications requiring maximum traction.

Product Category Manager
Construction tires - MICHELIN



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UPDATED JUN 2026

1 LOAD CAPACITY

***** 3 Star load capacity with the new reinforced cable technology**
Offers 10%⁽¹⁾ higher tensile strength and greater cable density than the MICHELIN XLD D1 tire.

2 ROBUSTNESS

Reinforced crown and sidewall resistance to aggression
Provides +40% metal mass, +50% thicker sidewall compared to the XLD D1⁽²⁾. A compound for high cut resistance available.

3 PRODUCTIVITY

Increased contact with the wheel and increased clamping force
Designed to maximize torque transmission for a better productivity with a wider bead design (+30%) on the rim versus XLD D1⁽²⁾.

TIRE CHARACTERISTICS



ADDITIONAL INFORMATION

APPLICABLE VEHICLES



The MICHELIN XTXL tire is designed for the highest load condition in very abrasive soil, a reference for the block Handling application with high sidewall protection.

Product Category Manager
Construction tires - MICHELIN

⁽¹⁾ Internal comparison between Michelin[®] XTXL 29.5R25 and Michelin[®] XLD D1 29.5R25. Measurement certified by Michelin center of technology. Reference Michelin[®] Technical Earthmover Data Book 2023.

⁽²⁾ Internal comparison between Michelin[®] XTXL 29.5R25 and Michelin[®] XLD D1 29.5R25. Measurement certified by Michelin center of technology. Reference Michelin[®] Technical Earthmover Data Book 2019.



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MICHELIN X UM HAUL



1 PRODUCTIVITY

Designed for load carrying and high-speed operation

Supports up to 360 TKPH ⁽¹⁾ and a loading capacity suited to productive use. Gains up to 360 TKPH, with an average maximum travel distance of 14 km per hour. ⁽²⁾

2 LOAD CAPACITY

8.6% more⁽³⁾ load capacity to carry up to 31.5 tons at 7 bar

Designed with new, bigger cables and innovative 6-ply architecture.

3 TRACTION

Consistent adhesion for better grip⁽⁴⁾

Designed with a center groove that increases grip, along with a new, innovative tread pattern for conquering underground mining operations.

TIRE CHARACTERISTICS

ADDITIONAL INFORMATION

APPLICABLE VEHICLES



Designed for underground mining, offering our highest productivity for trucks over 60 tons. It features an 8.6% higher load-carrying capacity, allowing trucks to carry up to 31.5 tons at 7 bar with an average max distance of 14 km/hr.⁽³⁾

Product Category Manager
MICHELIN GROUP

⁽¹⁾ The new Michelin tire size: 35/65R33 X® UM HAUL tire is our most productive underground tire for trucks greater than 60 tons of payload, with up to 360 TKPH.

⁽²⁾ The new Michelin 35/65R33 X® UM HAUL tire was designed to get 14 km max distance per hour thanks to a larger tire and cooler compound vs. the Michelin 35/65R33 XTXL.

⁽³⁾ The new Michelin 35/65R33 X® UM HAUL tire gets 8.6% more load capacity, to carry up to 31.5 tons at 7 BAR due to new cables, architecture and larger tire vs. the Michelin 35/65R33 XTXL.

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



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UPDATED JUN 2026

1 ROBUSTNESS

Built for maximum longevity in the harshest environments

Thanks to its reinforced sidewalls and deep tread design provide strong resistance to cuts and punctures, ensuring durability.

2 TIRE LIFE

Longer service intervals, reducing operational downtime

Advanced materials and robust construction ensure the tire withstands heavy loads and challenging terrains, resulting in extended longevity.

TIRE CHARACTERISTICS



ADDITIONAL INFORMATION

APPLICABLE VEHICLES



XV C tires is our go-to solution for heavy-duty environments. Its reinforced sidewalls and durable tread offers protection against cuts and abrasions, contributing to reduce downtime.

Product Category Manager
Construction tires - MICHELIN



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UPDATED JUN 2026

MICHELIN DATA & ADVICE

EARTHMOVER SOLUTIONS

TECHNICAL DATA

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TIRE CHARACTERISTICS

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

15"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
X LISSE COMPACTEUR 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	1250	1400	1470	1540	1680	1830	1970	2120	2420	2725		
<i>6 mph</i>	2755	3085	3240	3395	3705	4035	4345	4675	5335	6010		
15 KM/H	1020	1135	1190	1250	1375	1500	1600	1700	1980	2180		
<i>10 mph</i>	2250	2500	2625	2755	3030	3305	3525	3750	4365	4805		

*OTHER APPROVED RIMS: B6.5

X MINE D2 7.50R15 L5 TT	123342 23416	6 4	-	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		
Machine - Use kg - lbs	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		
Machine - Use kg - lbs	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 UN- LADEN	1475	1600	1650	1725	1800	1925	2000	2125	2325	2525		
<i>Rear un- laden</i>	3250	3525	3640	3805	3970	4245	4410	4685	5125	5565		

*OTHER APPROVED RIMS: B6.5

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. 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).

15"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
X MINE D2 8.25R15 L5 TT	123352 22154	6 4	-	250 9.8	882 34.7	402 15.8	2680 105.5	48 60.5	-	47 12.4	6.5	6.0 7.0 86.5

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	UNDERGROUND MINE MACHINE									
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ALL AXLES	1800	1975	2075	2150	2300	2425	2575	2700	2975	3250
All axles	3970	4355	4575	4740	5070	5345	5675	5950	6560	7165

Machine - Use kg - lbs	LOADER									
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FRONT LADEN	2000	2200	2300	2400	2550	2700	2850	3000	3300	3600
Front laden	4410	4850	5070	5290	5620	5950	6285	6615	7275	7935

REAR UN-LADEN	1600	1750	1850	1925	2050	2150	2275	2400	2650	2875
Rear un-laden	3525	3860	4080	4245	4520	4740	5015	5290	5840	6340

X MINE D2 10.00R15 L5 TT	123372 18686	6 4	-	295 11.6	910 35.8	411 16.2	2748 108.2	48 60.5	-	70 18.5	7.5	7.0
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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

Machine - Use kg - lbs	UNDERGROUND MINE MACHINE									
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ALL AXLES	2150	2350	2525	2700	2875	3025	3150	3325	3500	3875
All axles	4740	5180	5565	5950	6340	6670	6945	7330	7715	8545

Machine - Use kg - lbs	LOADER									
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FRONT LADEN	2400	2600	2800	3000	3200	3350	3500	3700	3900	4300
Front laden	5290	5730	6175	6615	7055	7385	7715	8155	8600	9480

REAR UN-LADEN	1925	2075	2250	2400	2550	2675	2800	2965	3125	3450
Rear un-laden	4245	4575	4960	5290	5620	5895	6175	6535	6890	7605

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. 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).

15"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
X MINE D2 350/65R15 L5 TL	826683 85701	6 4	-	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

<i>Machine - Use</i>	UNDERGROUND MINE MACHINE										
kg - lbs											

ALL AXLES	2160	2395	2510	2630	2835	3060	3215	3375	3780	4140
<i>All axles</i>	4760	5280	5535	5795	6250	6745	7085	7440	8335	9125

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

FRONT LADEN	2400	2660	2790	2920	3150	3400	3570	3750	4200	4600
<i>Front laden</i>	5290	5865	6150	6435	6945	7495	7870	8265	9260	10140

REAR UN-LADEN	1920	2130	2230	2335	2520	2720	2855	3000	3360	3680
<i>Rear un-laden</i>	4235	4690	4920	5150	5555	5995	6295	6615	7410	8115

X MINE D2 14.5R15 L5 TL	123101 41368	6 4	-	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
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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										
kg - lbs											

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>	LOADER										
kg - lbs											

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 un-laden</i>	4520	5015	5235	5455	5895	6340	6780	7220	8100	8985

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. 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).

15"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
X MINE D2 400/80R15 L5 TL	735466 41318	6 4	-	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		
<i>Psi</i>	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		
<i>All axles</i>	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		
<i>Front laden</i>	7275	8045	8435	8820	9590	10360	11135	11905	13450	14550		
REAR UN- LADEN	2650	2925	3050	3200	3475	3750	4050	4325	4875	5275		
<i>Rear un-laden</i>	5840	6450	6725	7055	7660	8265	8930	9535	10750	11630		

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. 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).

20"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
X MINE D2 9.00R20 L5* TT	123382 09497	6 4	-	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
Psi	44	58	73	87	102	116

Machine - Use
kg - lbs

UNDERGROUND MINE MACHINE

ALL AXLES	2700	3050	3400	3800	4150	4500
All axles	5950	6725	7495	8380	9150	9920

Machine - Use
kg - lbs

LOADER

FRONT LADEN	3000	3400	3800	4200	4600	5000
Front laden	6615	7495	8380	9260	10140	11025
REAR UNLADEN	2400	2700	3050	3350	3700	4000
Rear unladen	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]	-	-

X MINE D2 12.00R20 L5 TT	123392	6	-	323	1174	534	3555	57	-	146	8.5	8.0*
	19601	4		12.7	46.2	21.0	140.0	71.8		38.6		8.50V
Bar	3.0	4.0		5.0		6.0		7.0		8.0		
Psi	44	58		73		87		102		116		

Machine - Use
kg - lbs

UNDERGROUND MINE MACHINE

ALL AXLES	3050	3600	4150	4700	5200	5750
All axles	6725	7935	9150	10360	11465	12675

Machine - Use
kg - lbs

LOADER

FRONT LADEN	3400	4000	4600	5200	5800	6400
Front laden	7495	8820	10140	11465	12785	14110
REAR UNLADEN	2700	3200	3700	4150	4650	5100
Rear unladen	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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TIRE CHARACTERISTICS

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

20"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
X LISSE COMPACTEUR 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	2520	3100	3660	4260	4840	5420	5710	6000
6 mph	5555	6835	8070	9390	10670	11950	12590	13230
15 KM/H	2240	2760	3260	3790	4310	4820	5000	
10 mph	4940	6085	7185	8355	9500	10625	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]	-	-

X MINE D2 14.00R20 L5 TL	372138 64715	6 4	-	368 14.5	1236 48.7	557 21.9	3745 147.4	48 60.5	-	175 46.2	10.0	10.00W
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Bar	3.0	4.0	5.0	5.5	6.0	6.5	7.0	8.0	8.5
Psi	44	58	73	80	87	94	102	116	123

Machine - Use kg - lbs	UNDERGROUND MINE MACHINE								
ALL AXLES	3480	4200	4920	5280	5640	6000	6360	7070	7795
All axles	7670	9260	10845	11640	12435	13230	14020	15585	17180

Machine - Use kg - lbs	LOADER							
FRONT LADEN	4140	4920	5690	6070	6460	6850	7230	8010
Front laden	9125	10845	12545	13380	14240	15100	15940	17660
REAR UN- LADEN	2430	3100	3770	4100	4430	4770	5100	5770
Rear unladen	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]	-	-

IMPORTANT

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TIRE CHARACTERISTICS

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

20"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
X MINE D2 450/70R20 L5** TL	976013 77552	8 5	-	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</i> kg - lbs	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</i> kg - lbs	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 UN- LADEN	5360	5680	6200	6400	6800	7000	7200	7400	7600	7800		
<i>Rear un- laden</i>	11815	12520	13670	14110	14990	15430	15875	16315	16755	17195		

IMPORTANT

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TIRE CHARACTERISTICS

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

22.5"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
X-CRANE 2 445/75R22.5 173J TL	763336	-	-	462 18.2	1232 48.5	567 22.3	4542 178.8	14.9 18.8	-	294 77.7	14.00x22.5	

Bar	4.0	5.0	6.0	7.0	8.0	9.0
<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
<i>Static</i>	12565	15430	17855	20285	22710	24910
5 KM/H	5100	6200	7300	8300	9300	10200
<i>3 mph</i>	11245	13670	16095	18300	20505	22485
10 KM/H	4400	5400	6400	7300	8200	9100
<i>6 mph</i>	9700	11905	14110	16095	18080	20060
20 KM/H	4000	4800	5700	6500	7300	8100
<i>12.5 mph</i>	8820	10580	12565	14330	16095	17855
30 KM/H	3500	4300	5000	5800	6500	7200
<i>20 mph</i>	7715	9480	11025	12785	14330	15875
40 KM/H	3300	4000	4700	5400	6100	6700
<i>25 mph</i>	7275	8820	10360	11905	13450	14770
50 KM/H	3200	3900	4600	5300	6000	6600
<i>30 mph</i>	7055	8600	10140	11685	13230	14550
60 KM/H	3200	3900	4600	5300	6000	6600
<i>35 mph</i>	7055	8600	10140	11685	13230	14550
70 KM/H	3200	3900	4600	5300	6000	6600
<i>43 mph</i>	7055	8600	10140	11685	13230	14550
80 KM/H	3100	3800	4500	5100	5700	6500
<i>50 mph</i>	6835	8380	9920	11245	12565	14330
90 KM/H	3100	3800	4500	5100	5700	6500
<i>55 mph</i>	6835	8380	9920	11245	12565	14330
100 KM/H	3100	3800	4500	5100	5700	6500
<i>62 mph</i>	6835	8380	9920	11245	12565	14330

IMPORTANT

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TIRE CHARACTERISTICS

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

24"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
X MINE D2 12.00R24 L5 TL	242046 19455	6 4	-	330 13.0	1280 50.4	594 23.4	3906 153.8	57 2.2	-	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 kg - lbs	UNDERGROUND MINE MACHINE									
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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

Machine - Use kg - lbs	LOADER									
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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 UN- LADEN	1850	2150	2450	2750	3100	3350	3700	4000	4300	4900
<i>Rear un-laden</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]	-	-

XK 12.00R24 L3*** A TT	242110 06809	14 9	-	330 13.0	1244 49.0	569 22.4	3775 148.6	21 0.8	-	155 40.9	8.5	7.33V* 7.5 8.0
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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									
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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

*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]	-	-

IMPORTANT

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TIRE CHARACTERISTICS

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

24"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XSM D2+ 12.00R24 L5S TL	123647 80803	4 2	-	325 12.8	1264 49.8	580 22.8	3840 151.2	57 2.2	-	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

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

Machine - Use
kg - lbs LOADER

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 UN-LADEN	1850	2150	2450	2750	3100	3350	3700	4000	4300	4900
Rear un-laden	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]	-	-

XGL A2 13.00R24 L2* G2* TL	123386 24704 28340	16 10	-	335 13.2	1296 51.0	570 22.4	3875 152.6	25 1.0	-	215 56.8	8.00TGSDC	9.00/1.5 DC 10.00VASDC
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Bar	2.0	2.5	3.0	3.5	4.0	4.5	5.0
Psi	29	36	44	51	58	65	73

Machine - Use
kg - lbs GRADER

ALL AXLES	1900	2225	2550	2900
All axles	4190	4905	5620	6395

Machine - Use
kg - lbs LOADER

FRONT LADEN	2650	3100	3600	4050	4500	4950	5400
Front laden	5840	6835	7935	8930	9920	10915	11905
REAR UNLADEN	2100	2500	2900	3250	3600	3950	4300
Rear unladen	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]	-	-

IMPORTANT

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TIRE CHARACTERISTICS

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

24"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
X SNOPLUS 14.00R24 L2* TL	123861 53173	16 10	-	370 14.6	1360 53.5	621 24.4	3941 155.2	24 30.2	-	259 68.4	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
Psi	29	36	44	51	58	65	73	80

Machine - Use
kg - lbs GRADER

ALL AXLES	2300	2725	3125	3550
All axles	5070	6010	6890	7825

Machine - Use
kg - lbs LOADER

FRONT LADEN	3250	3750	4300	4800	5350	5900	6400	6900
Front laden	7165	8265	9480	10580	11795	13005	14110	15210
REAR UNLAD- EN	2600	3000	3450	3850	4300	4700	5100	5500
Rear unladen	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]	-	-

XGL A2 14.00R24 L2* TL	123395 15924 27026	16 10	-	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
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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 GRADER

ALL AXLES	2300	2725	3125	3550
All axles	5070	6010	6890	7825

Machine - Use
kg - lbs LOADER

FRONT LADEN	3250	3750	4300	4800	5350	5900	6400	6900
Front laden	7165	8265	9480	10580	11795	13005	14110	15210
REAR UNLAD- EN	2600	3000	3450	3850	4300	4700	5100	5500
Rear unladen	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]	-	-

IMPORTANT

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TIRE CHARACTERISTICS

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

24"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XK 14.00R24 E3*** A TT	251590 06866	14 9	-	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
<i>Psi</i>	29	36	44	51	58	65	73	80	87	94	102	116

**Machine -
Use** 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	

**Machine -
Use** TRANSPORT
kg - lbs

STAN- DARD				3750		4500	4850	5600	5700	5800	6150	
<i>Standard</i>				8265		9920	10690	12345	12565	12785	13560	

XSM D2+ 14.00R24 L5S TL	123597 80802	4 2	-	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
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Bar	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	7.0
<i>Psi</i>	29	36	44	51	58	65	73	80	87	102

**Machine -
Use** 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

**Machine -
Use** 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 UN- LADEN	2600	3000	3450	3850	4300	4700	5100	5500		
<i>Rear un- laden</i>	5730	6615	7605	8490	9480	10360	11245	12125		

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. 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).

24"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
X LISSE COMPACTEUR 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	5320	6540	7750	8965	9570	10180	10790	11390	12000
6 mph	11730	14420	17085	19765	21100	22445	23790	25110	26455
15 KM/H	4740	5820	6900	7980	8520				
10 mph	10450	12830	15210	17595	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]	-	-

X SNOPLUS 385/95R24 L2 170E TT	432272 36887	70 43	-	386 15.2	1358 53.5	635 25.0	4156 163.6	24 30.2	-	283 74.8	10.00W	10.0
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Bar	5.0	6.0	7.0	8.0	9.0
Psi	73	87	102	116	131

Machine - Use kg - lbs	CRANE AND SIMILAR SPECIALIZED MACHINE											
30 KM/H	4860	5880	6460	7000	7800							
20 mph	10715	12965	14240	15430	17195							
40 KM/H	4635	5610	6165	6675	7450							
25 mph	10220	12370	13590	14715	16425							
50 KM/H	4410	5340	5865	6355	7100							
30 mph	9720	11775	12930	14010	15655							
60 KM/H	4190	5070	5565	6030	6720							
35 mph	9235	11175	12270	13295	14815							
65 KM/H	4020	4865	5345	5790	6450							
40 mph	8865	10725	11785	12765	14220							
70 KM/H	3740	4525	4970	5385	6000							
43 mph	8245	9975	10955	11870	13230							
80 KM/H	3085	3735	4100	4445	4950							
50 mph	6805	8235	9040	9800	10915							
90 KM/H	2620	3170	3480	3770	4200							
55 mph	5775	6990	7670	8310	9260							
100 KM/H	2245	2715	2980	3230	3600							
62 mph	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. 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).

24"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
X-CRANE AT 385/95R24 170F TT	778245 93770	80 50	-	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

Machine - Use
kg - lbs

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

XMH S 385/95R24 E2 170E TT	957157 12407	70 43	-	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
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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

TIRE CHARACTERISTICS

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

24"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XGL A2 16.00R24 L2* G2* TL	123903 45611	16 10	-	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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TIRE CHARACTERISTICS

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

25"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XH D1 14.00R25 E4*** A TL	123331 34504	22 14	102 70	401 15.8	1410 55.5	650 25.6	4291 168.9	38 47.9	-	275 72.6	10.00/1.5	11.25/1.3
Bar	4.0	4.5	5.0	5.5	5.8	6.0	7.0	8.5				
Psi	58	65	73	80	83	87	102	123				

Machine - Use kg - lbs	TRANSPORT											
STANDARD	3750	4100	4500	4850	5100	5250	5800	6350				
Standard	8265	9040	9920	10690	11245	11575	12785	14000				

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]	-	-

X SNOPLUS 385/95R25 E2 170E TL	705961 05893	70 43	-	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							
Psi	73	87	102	116	131							

Machine - Use kg - lbs	CRANE AND SIMILAR SPECIALIZED MACHINE											
30 KM/H	4860	5880	6460	7000	7800							
20 mph	10715	12965	14240	15430	17195							
40 KM/H	4635	5610	6165	6675	7450							
25 mph	10220	12370	13590	14715	16425							
50 KM/H	4410	5340	5865	6355	7100							
30 mph	9720	11775	12930	14010	15655							
60 KM/H	4190	5070	5565	6030	6720							
35 mph	9235	11175	12270	13295	14815							
65 KM/H	4020	4865	5345	5790	6450							
40 mph	8865	10725	11785	12765	14220							
70 KM/H	3740	4525	4970	5385	6000							
43 mph	8245	9975	10955	11870	13230							
80 KM/H	3085	3735	4100	4445	4950							
50 mph	6805	8235	9040	9800	10915							
90 KM/H	2620	3170	3480	3770	4200							
55 mph	5775	6990	7670	8310	9260							
100 KM/H	2245	2715	2980	3230	3600							
62 mph	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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TIRE CHARACTERISTICS

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

25"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
X-CRANE+ 385/95R25 170E TL PHASED OUT	060565	70 43	-	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
Psi	87	94	102	109	116	123	131

Machine - Use kg - lbs	CRANE AND SIMILAR SPECIALIZED MACHINE						
STATIC	14350	15030	15700	16350	16970	17590	18180
Static	31635	33135	34615	36045	37410	38780	40080
2 KM/H CREEP	11650	12200	12740	13270	13780	14280	14760
mph Creep	25685	26895	28085	29255	30380	31480	32540
5 KM/H	10320	10810	11290	11760	12210	12650	13080
3 mph	22750	23830	24890	25925	26920	27890	28835
10 KM/H	8950	9370	9790	10200	10580	10970	11340
6 mph	19730	20655	21585	22485	23325	24185	25000
30 KM/H	6160	6450	6730	7010	7280	7550	7800
20 mph	13580	14220	14835	15455	16050	16645	17195
40 KM/H	5870	6150	6420	6690	6940	7200	7440
25 mph	12940	13560	14155	14750	15300	15875	16400
45 KM/H	5730	6000	6270	6530	6780	7020	7260
mph	12630	13230	13825	14395	14945	15475	16005
50 KM/H	5590	5850	6110	6370	6610	6850	7080
30 mph	12325	12895	13470	14045	14575	15100	15610
60 KM/H	5300	5560	5800	6040	6270	6500	6720
35 mph	11685	12260	12785	13315	13825	14330	14815
70 KM/H	4735	4960	5180	5395	5600	5805	6000
43 mph	10440	10935	11420	11895	12345	12800	13230
80 KM/H	3885	4065	4250	4425	4590	4760	4920
50 mph	8565	8960	9370	9755	10120	10495	10845
90 KM/H	3315	3470	3625	3775	3920	4065	4200
55 mph	7310	7650	7990	8320	8640	8960	9260
100 KM/H	2840	2975	3110	3235	3360	3485	3600
62 mph	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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TIRE CHARACTERISTICS

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

25"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
X-CRANE+ 385/95R25 170F TL	682834 32768	80 50	-	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 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	4575 10085	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

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

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TIRE CHARACTERISTICS

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

25"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XMH S 385/95R25 170E TL	254174 21608	70 43	-	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

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TIRE CHARACTERISTICS

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

25"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
X MINE D2 15.5R25 L5* TL PHASED OUT	252905 34827	6 4	-	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 kg - lbs	GRADER
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ALL AXLES	2325	2650	3000
<i>All axles</i>	5125	5840	6615

Machine - Use kg - lbs	UNDERGROUND MINE MACHINE
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ALL AXLES	3350	3850	4300	4800	5200	5800
<i>All axles</i>	7385	8490	9480	10580	11465	12785

Machine - Use kg - lbs	LOADER
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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

XTL A 15.5R25 L2* A TL	123415 94687	16 10	-	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
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Bar	2.0	2.5	3.0	3.5	4.0	4.5
Psi	29	36	44	51	58	65

Machine - Use kg - lbs	GRADER
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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]	-	-

IMPORTANT

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TIRE CHARACTERISTICS

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

25"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
X MINE D2 16.00R25 L5* TL PHASED OUT	261025 34520	6 4	-	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
Psi	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]	-	-

X-QUARRY 16.00R25 E4** TL PHASED OUT	692021 17555	16 10	93 64	437 17.2	1542 60.7	707 27.8	4683 184.4	48 60.5	564 22.2	380 100.4	11.25/2.0	13.00/2.0
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Bar	3.5	4.0	4.5	5.0	5.5	6.0
Psi	51	58	65	73	80	87

Machine - Use
kg - lbs

QUARRY TRANSPORT

30 KM/H	5300	5800	6300	6800	7300	7800
<i>20 mph</i>	11685	12785	13890	14990	16095	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]	-	-

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. 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).

25"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XH D1 16.00R25 E4** A TL	123350 34694	28 17	164 112	462 18.2	1540 60.6	704 27.7	4672 183.9	43 54.2	564 22.2	380 100.4	11.25/2.0	13.00/2.0

Bar	4.0	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**

STANDARD	5000	5450	5900	6400	6850	7300	7550	7750	8000
<i>Standard</i>	11025	12015	13005	14110	15100	16095	16645	17085	17635

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]	-	-

X MINE D2 17.5R25 L5** TL PHASED OUT	009071 31686	6 4	-	480 18.9	1402 55.2	641 25.2	4254 167.5	65 81.9	-	285 75.3	14.00/1.5	
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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 **UNDERGROUND TRANSPORT MACHINE**

ALL AXLES	4250	4750	5300	5800	6300	6700	7100	7500
<i>All axles</i>	9370	10470	11685	12785	13890	14770	15655	16535

Machine - Use
kg - lbs **LOADER**

FRONT LADEN	4750	5450	6000	6500	7100	7500	8000	8500
<i>Front laden</i>	10470	12015	13230	14330	15655	16535	17635	18740
REAR UNLAD- EN	3800	4360	4800	5200	5680	6000	6400	6800
<i>Rear unladen</i>	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]	-	-

IMPORTANT

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TIRE CHARACTERISTICS

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

25"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
X SNOPLUS 17.5R25 L2* TL	123871 99466	16 10	-	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
Psi	29	36	44	51	62	65

Machine - Use kg - lbs GRADER

ALL AXLES	2800	3250	3650
All axles	6175	7165	8045

Machine - Use kg - lbs LOADER

FRONT LADEN	4550	5100	5700	6250	7100	7350
Front laden	10030	11245	12565	13780	15655	16205
REAR UNLADEN	3650	4100	4550	5000	5700	5900
Rear unladen	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]	-	-

XHA² 17.5R25 L3* 176A2 TL	717546 48885	16 10	-	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
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Bar	2.0	2.5	3.0	3.5	4.3	4.5
Psi	29	36	44	51	62	65

Machine - Use kg - lbs GRADER

ALL AXLES	2800	3250	3650
All axles	6175	7165	8045

Machine - Use kg - lbs LOADER

FRONT LADEN	4550	5100	5700	6250	7100	7350
Front laden	10030	11245	12565	13780	15655	16205
REAR UNLADEN	3650	4100	4550	5000	5700	5900
Rear unladen	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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TIRE CHARACTERISTICS

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

25"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XK 17.5R25 L3** A TL	263251 44735	14 9	-	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
Psi	29	36	44	51	62	65	73	80

Machine - Use
kg - lbs UNDERGROUND TRANSPORT MACHINE

ALL AXLES			4250	4750	5600	5800	6300	6700
All axles			9370	10470	12345	12785	13890	14770

Machine - Use
kg - lbs LOADER

FRONT LADEN	4550	5100	5700	6250	7100	7350	7925	8500
Front laden	10030	11245	12565	13780	15655	16205	17470	18740

REAR UNLAD- EN	3650	4100	4550	5000	5700	5900	6350	6800
Rear unladen	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]	-	-

XLDD2 17.5R25 L5* A TL	123317 37608	10 6	-	454 17.9	1406 55.4	619 24.4	4206 165.6	63 79.4	-	305 80.6	14.00/1.5	
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Bar	2.0	2.5	3.0	3.5	4.3	4.5	5.0	5.5
Psi	29	36	44	51	62	65	73	80

Machine - Use
kg - lbs GRADER

ALL AXLES	2800	3250	3650	
All axles	6175	7165	8045	

Machine - Use
kg - lbs UNDERGROUND TRANSPORT MACHINE

ALL AXLES			4250	4750	5600	5800	6300	6700
All axles			9370	10470	12345	12785	13890	14770

Machine - Use
kg - lbs LOADER

FRONT LADEN	4550	5100	5700	6250	7100	7350	
Front laden	10030	11245	12565	13780	15655	16205	

REAR UNLAD- EN	3650	4100	4550	5000	5700	5900	
Rear unladen	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]	-	-

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TIRE CHARACTERISTICS

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

25"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XMINE D2 PRO 17.5R25 L5*** TL	720557 01143	6 4	-	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

*Machine - Use
kg - lbs* **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

*Machine - Use
kg - lbs* **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 UN-LADEN	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]	-	-

XSM D2+ 17.5R25 L5S** TL PHASED OUT	218365 41235	4 2	-	456 18.0	1397 55.0	641 25.2	4246 167.2	78 98.3	-	272 71.9	14.00/1.5	
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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	4750	5450	6000	6500	7100	7500	8000	8500
<i>Front laden</i>	10470	12015	13230	14330	15655	16535	17635	18740
REAR UNLAD-EN	3800	4360	4800	5200	5680	6000	6400	6800
<i>Rear unladen</i>	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]	-	-

IMPORTANT

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TIRE CHARACTERISTICS

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

25"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XSM D2+ PRO 17.5R25 L5*** TL	822869 33183	4 2	-	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
<i>Psi</i>	44	51	58	65	73	80	87	94	102

Machine - Use
kg - lbs **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 UN-LADEN	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]	-	-

XTL A 17.5R25 L2* A TL	123425 04118	16 10	-	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
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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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TIRE CHARACTERISTICS

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

25"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XGC 445/80R25 170E TL	264520 30079	70 43	-	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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TIRE CHARACTERISTICS

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

25"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
X SNOPLUS 445/95R25 E2 177E TL	123857 20575 84690	70 43	-	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

Machine - Use
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]	-	-

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TIRE CHARACTERISTICS

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

25"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
X-CRANE 2 445/95R25 178F TL	460886 40359	-	-	445 17.5	1472 58.0	680 26.8	4542 178.8	21 26.5	-	350 92.5	11.00/1.7 CR	DC635x280 CR 11.25/2

Bar	6.0	7.0	8.0	9.0
<i>Psi</i>	87	102	116	131

Machine - Use
kg - lbs CRANE AND SIMILAR SPECIALIZED MACHINE - OFF ROAD

STATIC	22100
<i>Static</i>	48720
CREEP	20100
<i>Creep</i>	44315
3 KM/H	17600
1.9 mph	38800
5 KM/H	15900
3 mph	35055
10 KM/H	13800
6 mph	30425

Machine - Use
kg - lbs CRANE AND SIMILAR SPECIALIZED MACHINE - ON ROAD

30 KM/H	6880	7650	8575	9375
20 mph	15170	16865	18905	20670
40 KM/H	6405	7100	7885	8625
25 mph	14120	15655	17385	19015
50 KM/H	6180	6900	7610	8400
30 mph	13625	15210	16775	18520
65 KM/H	5985	6685	7370	8250
40 mph	13195	14740	16250	18190
70 KM/H	5845	6530	7200	7875
43 mph	12885	14395	15875	17360
80 KM/H	5570	6220	6860	7500
50 mph	12280	13715	15125	16535
90 KM/H	5235	5845	6450	7050
55 mph	11540	12885	14220	15545
100 KM/H	4735	5290	5835	6375
62 mph	10440	11660	12865	14055

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).

25"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
X-CRANE+ 445/95R25 174F TL PHASED OUT	738428 30097	80 50	-	442 17.4	1485 58.5	693 27.3	4542 178.8	25 31.5	-	380 100.4	11.00/1.7 CR	11.25/2.0 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

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TIRE CHARACTERISTICS

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

25"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
X MINE D2 18.00R25 L5** TL PHASED OUT	391927 31984	6 4	-	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											
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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											
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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 UN-LADEN	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]	-	-

XHDT 18.00R25 E4** A TL	199475 18573	23 14	170 116	496 19.5	1621 63.8	732 28.8	4896 192.8	47 59.2	587 23.1	513 135.5	13.00/2.5	15.00/2.5
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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

<i>Machine - Use kg - lbs</i>	TRANSPORT											
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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]	-	-

XK D1 A E4 ** 18.00 R 25 TL	270680 12336	18 11.2	133 91	530 20.9	1668 65.7	764 30.1	5050 198.8	47 59.2	598 23.5	495 130.8	13.00/2.5	15.00/2.5
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Bar	4.0	4.25	4.5	5.0	6.0	7.0	7.5
<i>Psi</i>	58	62	65	73	87	102	109

<i>Machine - Use kg - lbs</i>	TRANSPORT											
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STANDARD	6800	7100	7400	8000	9250	9850	10150
<i>Standard</i>	14994	15656	16317	17640	20396	21719	22381

TIRE CHARACTERISTICS

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

25"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XHDT 18.00R25 E4** B TL	714571 23787	30 19	222 152	496 19.5	1621 63.8	732 28.8	4896 192.8	47 59.2	587 23.1	513 135.5	13.00/2.5	15.00/2.5

Bar	4.0	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]	-	-

XMINE D2 PRO 18.00R25 L5*** TL	153322 08541	6 4	-	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
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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

Machine - Use
kg - lbs

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

Machine - Use
kg - lbs

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 UN- LADEN	7400	8000	8720	9440	10000	11200	12000	12440	12800	13600
<i>Rear un-laden</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. 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).

25"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XS SAND 18.00R25 E7 TL	276450 46284	-	-	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	2.5	3.0	3.5	4.0	4.5	5.0	6.0
Psi	15	22	29	36	44	51	58	65	73	87

Machine - Use
kg - lbs

DESERT CONDITIONS (65 KM/H MAX.)

ROAD DUAL			2925	3510	4050	4545	5040	5625	6165	7200
Road Dual			6450	7740	8930	10020	11110	12400	13590	15875

SAND	3600	5050	6350							
Sand	7935	11135	14000							

SAND DUAL	3240	4545	5715							
Sand Dual	7145	10020	12600							

TRACK			3250	4050	4950	5750	6600			
Track			7165	8930	10915	12675	14550			

TRACK DUAL			2925	3645	4455	5175	5940			
Track Dual			6450	8035	9820	11410	13095			

ROAD			3250	3900	4500	5050	5600	6250	6850	8000
Road			7165	8600	9920	11135	12345	13780	15100	17635

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]	-	-

XSM D2+ 18.00R25 L5S** TL PHASED OUT	686348 41606	4 2	-	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
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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 UN- LADEN	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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TIRE CHARACTERISTICS

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

25"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XSM D2+ 18.00R25 LC L5S TL**	694482 32651	6 4	-	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

Machine - Use
kg - lbs

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 UN- LADEN	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]	-	-

XSM D2+ PRO 18.00R25 L5S*** TL	003438 57386	4 2	-	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
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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

Machine -
Use
kg - lbs

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 UN- LADEN	7400	8000	8720	9440	10000	11200	12000	12440	12800	13600
<i>Rear un- laden</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

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TIRE CHARACTERISTICS

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

25"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XV C 50S/95R25 E2 183E TL	565628 67579	50 31	284 195	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 10.0/2.0

Bar	6.0	6.3	6.5	6.8	7.0	7.3	7.5	7.8	8.0
Psi	87	91	94	98	102	105	109	112	116

Machine - Use kg - lbs	CRANE AND SIMILAR SPECIALIZED MACHINE								
STATIC	22405	22950	23485	24000	24530	25030	25530	26030	26515
Static	49400	50600	51770	52905	54075	55175	56280	57380	58450
2 KM/H CREEP	18190	18635	19065	19485	19915	20320	20725	21130	21525
mph Creep	40105	41085	42030	42955	43905	44800	45695	46585	47455
5 KM/H	16120	16515	16895	17265	17645	18005	18365	18725	19075
3 mph	35540	36405	37245	38065	38905	39700	40490	41285	42055
10 KM/H	13975	14315	14650	14970	15300	15610	15925	16235	16540
6 mph	30815	31565	32295	33000	33730	34415	35105	35790	36460
30 KM/H	9615	9850	10075	10295	10525	10740	10955	11165	11375
20 mph	21195	21710	22210	22700	23200	23675	24145	24620	25080
40 KM/H	9170	9395	9610	9820	10040	10240	10445	10650	10850
25 mph	20215	20710	21185	21650	22130	22580	23030	23485	23920
45 KM/H	8950	9165	9380	9585	9795	9995	10195	10395	10590
mph	19725	20210	20675	21125	21595	22035	22475	22915	23345
50 KM/H	8725	8940	9145	9345	9550	9745	9940	10135	10325
30 mph	19240	19705	20160	20605	21060	21490	21920	22345	22765
60 KM/H	8280	8485	8680	8870	9065	9250	9435	9620	9800
35 mph	18260	18705	19135	19555	19985	20395	20805	21210	21605
70 KM/H	7395	7575	7750	7920	8095	8260	8425	8590	8750
43 mph	16305	16700	17085	17460	17845	18210	18575	18940	19290
80 KM/H	6065	6210	6355	6495	6640	6775	6910	7045	7175
50 mph	13370	13695	14010	14315	14635	14930	15230	15530	15820
90 KM/H	5175	5305	5425	5545	5665	5780	5900	6015	6125
55 mph	11415	11690	11960	12220	12495	12745	13005	13255	13505
100 KM/H	4435	4545	4650	4750	4855	4955	5055	5155	5250
62 mph	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]	-	-

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. 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).

25"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
X MINE D2 20.5R25 L5** TL PHASED OUT	353968 43492	6 4	-	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
Psi	44	51	58	65	73	80	87	94

<i>Machine - Use kg - lbs</i>	UNDERGROUND TRANSPORT MACHINE											
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ALL AXLES	5600	6300	7100	7750	8250	9000	9500	10000
<i>All axles</i>	12345	13890	15655	17085	18190	19840	20945	22045

<i>Machine - Use kg - lbs</i>	LOADER											
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FRONT LADEN	6300	7100	8000	8750	9500	10000	10900	11500
<i>Front laden</i>	13890	15655	17635	19290	20945	22045	24030	25355

REAR UNLAD- EN	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]	-	-

X SNOPLUS 20.5R25 L2* TL	123795 62408	16 10	-	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
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Bar	2.0	2.5	3.0	3.5	4.3	4.5
Psi	29	36	44	51	62	65

<i>Machine - Use kg - lbs</i>	GRADER											
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ALL AXLES	3600	4125	4625
<i>All axles</i>	7935	9095	10195

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

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

25"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XHA² 20.5R25 L3* 186A2 TL	899613 69018 84298	16 10	-	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

Bar	2.0	2.5	3.0	3.5	4.3	4.5
Psi	29	36	44	51	62	65

Machine - Use kg - lbs GRADER

ALL AXLES	3600	4125	4625
All axles	7935	9095	10195

Machine - Use kg - lbs LOADER

FRONT LADEN	6250	7000	7700	8400	9500	9900
Front laden	13780	15430	16975	18520	20945	21825
REAR UNLADEN	5000	5600	6150	6700	7600	7900
Rear unladen	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]	-	-

XK 20.5R25 L3** A TL PHASED OUT	263460 01565	14 9	-	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
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Bar	2.0	2.5	3.0	3.5	4.3	4.5	5.0	5.5
Psi	29	36	44	51	62	65	73	80

Machine - Use kg - lbs UNDERGROUND TRANSPORT MACHINE

ALL AXLES	5600	6300	7300	7750	8250	9000
All axles	12345	13890	16095	17085	18190	19840

Machine - Use kg - lbs LOADER

FRONT LADEN	6250	7000	7700	8400	9500	9900	10700	11500
Front laden	13780	15430	16975	18520	20945	21825	23590	25355
REAR UNLAD- EN	5000	5600	6150	6700	7600	7900	8550	9180
Rear unladen	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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TIRE CHARACTERISTICS

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

25"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XLDD2 20.5R25 L5* A TL	123325 79084	10 6	-	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
Psi	29	36	44	51	62	65	73	80

Machine - Use
kg - lbs GRADER

ALL AXLES	3600	4125	4625									
All axles	7935	9095	10195									

Machine - Use
kg - lbs UNDERGROUND TRANSPORT MACHINE

ALL AXLES			5600	6300	7300	7750	8250	9000
All axles			12345	13890	16095	17085	18190	19840

Machine - Use
kg - lbs LOADER

FRONT LADEN	6250	7000	7700	8400	9500	9900						
Front laden	13780	15430	16975	18520	20945	21825						
REAR UNLAD- EN	5000	5600	6150	6700	7600	7900						
Rear unladen	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]	-	-

XMINE D2 PRO 20.5R25 L5*** TL	539641 21899	6 4	-	562 22.1	1532 60.3	692 27.2	4627 183.3	74 93.2	-	447 118.1	17.00/1.7	17.00/2.0
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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	5600	6300	7100	7750	8250	9000	9500	10000	11800
All axles	12345	13890	15655	17085	18190	19840	20945	22045	26015

Machine - Use
kg - lbs LOADER

FRONT LADEN	6300	7100	8000	8750	9500	10000	10900	11500	13200
Front laden	13890	15655	17635	19290	20945	22045	24030	25355	29100
REAR UN- LADEN	5040	5680	6400	7000	7600	8000	8720	9200	10560
Rear unladen	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]	-	-

IMPORTANT

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TIRE CHARACTERISTICS

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

25"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XTL A 20.5R25 L2* A TL	123435 09122 21430	16 10	-	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]	-	-

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. 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).

25"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
X-CRANE 2 525/80R25 179G TL	337595 21286	-	-	535 21.1	1460 57.5	668 26.3	4542 178.8	24 30.2	596 23.5	494 130.5	17.00/1.7 CR	17.00/2.0 17.00/1.7 CRL

Bar	5.0	6.0	7.0
<i>Psi</i>	73	87	102

Machine - Use
kg - lbs

CRANE AND SIMILAR SPECIALIZED MACHINE - OFF ROAD

STATIC	23500
<i>Static</i>	51810
CREEP	20100
<i>Creep</i>	44315
3 KM/H	17800
<i>1.9 mph</i>	39240
5 KM/H	16900
<i>3 mph</i>	37260
10 KM/H	14600
<i>6 mph</i>	32185

Machine - Use
kg - lbs

CRANE AND SIMILAR SPECIALIZED MACHINE - ON ROAD

30 KM/H	6255	8575	9690
<i>20 mph</i>	13790	18905	21360
40 KM/H	5870	7915	8915
<i>25 mph</i>	12940	17450	19650
50 KM/H	5755	7720	8680
<i>30 mph</i>	12690	17020	19135
60 KM/H	5670	7585	8525
<i>35 mph</i>	12500	16720	18795
65 KM/H	5610	7485	8410
<i>40 mph</i>	12370	16500	18535
70 KM/H	5550	7390	8295
<i>43 mph</i>	12235	16290	18285
80 KM/H	5425	7190	8060
<i>50 mph</i>	11960	15850	17770
90 KM/H	5260	6920	7750
<i>55 mph</i>	11595	15255	17085
100 KM/H	5045	6585	7365
<i>62 mph</i>	11120	14515	16235

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

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TIRE CHARACTERISTICS

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

25"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
X-CRANE+ 525/80R25 176F TL PHASED OUT	086926 33880	80 50	-	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

Psi

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

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TIRE CHARACTERISTICS

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

25"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XS SAND 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	2.5	3.0	3.5	4.0	4.5	5.0	6.0
Psi	15	22	29	36	44	51	58	65	73	87

Machine -
Use
kg - lbs

DESERT CONDITIONS (65 KM/H MAX.)

ROAD DUAL	2250	2745	3375	4050	4725	5400	6435	6615	7245	8550
Road Dual	4960	6050	7440	8930	10415	11905	14185	14585	15970	18850
SAND	4250	6000	7600							
Sand	9370	13230	16755							
SAND DUAL	3825	5400	6840							
Sand Dual	8435	11905	15080							
TRACK	2750	3750	4750	5800	6800	7800				
Track	6065	8265	10470	12785	14990	17195				
TRACK DUAL	2475	3375	4275	5220	6120	7020				
Track Dual	5455	7440	9425	11510	13490	15475				
ROAD	2500	3050	3750	4500	5250	6000	6650	7350	8050	9500
Road	5510	6725	8265	9920	11575	13230	14660	16205	17745	20945

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]	-	-

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TIRE CHARACTERISTICS

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

25"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XLD65 550/65R25 L3* TL	123570 86785	16 10	-	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
Psi	29	33	36	44	47	51	58	62	65	73

Machine - Use
kg - lbs

GRADER

ALL AXLES	2940	3210	3480	4020	4290	4560	5100
All axles	6480	7075	7670	8865	9460	10055	11245

Machine - Use
kg - lbs

LOADER

FRONT LADEN	4900	5350	5800	6700	7150	7600	8500	8950	9400	10300
Front laden	10805	11795	12785	14770	15765	16755	18740	19730	20725	22710
REAR UN-LADEN	3925	4290	4650	5350	5720	6075	6800	7165	7525	8250
Rear un-laden	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]	-	-

X MINE D2 23.5R25 L5** TL PHASED OUT	199408 32199	6 4	-	637 25.1	1656 65.2	751 29.6	5009 197.2	83 104.6	-	590 155.9	19.50/2.5	
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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

UNDERGROUND TRANSPORT MACHINE

ALL AXLES	7300	8250	9000	9750	10600	11500	12150	12850
All axles	16095	18190	19840	21495	23370	25355	26785	28330

Machine - Use
kg - lbs

LOADER

FRONT LADEN	8250	9250	10300	11200	12150	12850	13600	14500
Front laden	18190	20395	22710	24690	26785	28330	29985	31965
REAR UNLAD-EN	6600	7400	8240	8960	9720	10280	10880	11600
Rear unladen	14550	16315	18165	19755	21430	22665	23985	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]

IMPORTANT

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TIRE CHARACTERISTICS

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

25"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
X SNOPLUS 23.5R25 L2* TL	460452 74539	16 10	-	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]	-	-

XADN+ 23.5R25 E3** 185B TL	295773 31373	28 17	207 142	602 23.7	1598 62.9	721 28.4	4824 189.9	38 47.9	-	702 185.4	19.50/2.5	
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Bar	2.0	2.5	3.0	3.5	3.8	4.0	4.5	5.0
<i>Psi</i>	29	36	44	51	54	58	65	73

Machine - Use
kg - lbs ARTICULATED DUMP TRUCK

STANDARD	4930	5650	6380	7100	7450	7800	8550	9250
<i>Standard</i>	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]	-	-

IMPORTANT

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TIRE CHARACTERISTICS

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

25"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XADN+ 23.5R25 E3** 185B B4 TL PHASED OUT	676673 44634	28 17	207 142	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]	-	-

XHA² 23.5R25 L3* 195A2 TL	139147 65791	16 10	-	599 23.6	1612 63.5	690 27.2	4773 187.9	36 45.4	-	672 177.5	19.50/2.5	
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Bar	2.0	2.5	3.0	3.5	4.0
Psi	29	36	44	51	58

<i>Machine - Use kg - lbs</i>	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
Front laden	17855	20060	22375	24580	26785
REAR UNLADEN	6500	7300	8100	8900	9700
Rear unladen	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]	-	-

IMPORTANT

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TIRE CHARACTERISTICS

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

25"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XK 23.5R25 L3** A TL PHASED OUT	263670 05173 05890	14 9	-	632 24.9	1611 63.4	702 27.6	4802 189.1	30 37.8	-	635 167.7	19.50/2.5	

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											
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ALL AXLES				7300	8250	9000	9750	10600	11500
All axles				16095	18190	19840	21495	23370	25355

Machine - Use kg - lbs	LOADER											
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FRONT LADEN	8100	9100	10150	11150	12150	13350	13900	14500
Front laden	17855	20060	22375	24580	26785	29430	30645	31965

REAR UNLAD- EN	6500	7300	8100	8900	9700	10700	11160	11600
Rear unladen	14330	16095	17855	19620	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]	CHAMBRE 25WAM VALVE 1837 [101871]	FLAP 18-24/25 [551612]

XLDD2 23.5R25 L5* A TL	123326 58159	10 6	-	612 24.1	1662 65.4	722 28.4	4947 194.8	77 97.0	-	600 158.5	19.50/2.5	
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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	GRADER											
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ALL AXLES	4875	5425	6000	
All axles	10750	11960	13230	

Machine - Use kg - lbs	UNDERGROUND TRANSPORT MACHINE											
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ALL AXLES				7300	8250	9000	9750	10600	11500
All axles				16095	18190	19840	21495	23370	25355

Machine - Use kg - lbs	LOADER											
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FRONT LADEN	8100	9100	10150	11150	12150	
Front laden	17855	20060	22375	24580	26785	

REAR UNLAD- EN	6500	7300	8100	8900	9700	
Rear unladen	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]	-	-

IMPORTANT

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TIRE CHARACTERISTICS

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

25"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XMINE D2 PRO 23.5R25 L5*** TL	813419 10697	6 4	-	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
Psi	44	51	58	65	73	80	87	94	102

Machine - Use
kg - lbs UNDERGROUND TRANSPORT MACHINE

ALL AXLES	7300	8250	9000	9750	10600	11500	12150	12850	15000
All axles	16095	18190	19840	21495	23370	25355	26785	28330	33070

Machine - Use
kg - lbs LOADER

FRONT LADEN	8250	9250	10300	11200	12150	12850	13600	14400	17000
Front laden	18190	20395	22710	24690	26785	28330	29985	31745	37480
REAR UN-LADEN	6600	7400	8240	8960	9720	10280	10880	11600	13600
Rear unladen	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]

XTL A 23.5R25 L2* A TL	123445 49977	16 10	-	596 23.5	1614 63.5	686 27.0	4766 187.6	34 42.8	-	680 179.6	19.50/2.5	
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Bar	2.0	2.5	3.0	3.5	4.0
Psi	29	36	44	51	58

Machine - Use
kg - lbs GRADER

ALL AXLES	4875	5425	6000
All axles	10750	11960	13230

Machine - Use
kg - lbs LOADER

FRONT LADEN	8100	9100	10150	11150	12150
Front laden	17855	20060	22375	24580	26785
REAR UNLADEN	6500	7300	8100	8900	9700
Rear unladen	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

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. 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).

25"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XTRA DEFEND 23.5R25 E4** 185B TL PHASED OUT	923499 63502	26 16	192 132	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
Psi	29	36	44	51	54	58	65	73	80

Machine - Use
kg - lbs

ARTICULATED DUMP TRUCK

STANDARD	5650	6380	7100	7800	8175	8550	9250	9950	10350
Standard	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]	-	-

XTRA DEFEND E4/L4 23.5R25 E4** L4** G4* 185B TL	723646 80181	26 ⁽¹⁾ 14 ⁽²⁾ 16.2 ⁽¹⁾ 8.6 ⁽²⁾	192 132	617 24.3	1619 63.7	729 28.7	5586 219.9	54 68.0	-	646 170.7	19.50/2.5	
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Bar	2.0	2.5	3.0	3.5	3.8	4.0	4.5	5.0	5.5
Psi	29	36	44	51	54	58	65	73	80

Machine - Use
kg - lbs

GRADER

ALL AXLES	4850	5250	6000	6750	7130	7500	8200
All axles	10690	11575	13230	14880	15720	16535	18080

Machine - Use
kg - lbs

LOADER

FRONT LADEN	8100	9100	10150	11150	11650	12150	13350	13900	14500
Front laden	17855	20060	22375	24580	25685	26785	29430	30645	31965
REAR UN- LADEN	6500	7300	8100	8900	9300	9700	10700	11160	11600
Rear unladen	14330	16095	17855	19620	20505	21385	23590	24605	25575

Machine - Use
kg - lbs

ARTICULATED DUMP TRUCK

ALL AXLES	5650	6380	7100	7800	8175	8550	9250	9950	10350
All axles	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]	-	-

(1) Maximum distance in 1 hour for Articulated Dump Truck (ADT)
(2) Maximum distance in 1 for Wheel Loader (WHL).

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. 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).

25"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XLD65 600/65R25 L3* TL	063799 82704	16 10	-	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

Machine - Use
kg - lbs GRADER

ALL AXLES	3390	4005	4600
<i>All axles</i>	7475	8830	10140

Machine - Use
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]	-	-

XAD65-1 650/65R25 E3** 180B TL	840573 89647	28 17	179 123	630 24.8	1494 58.8	669 26.3	4498 177.1	40 50.4	-	595 157.2	19.50/2.5	22.00/3.0
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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]	-	-

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. 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).

25"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XLD 650/65R25 L3* TL	123820 90278	16 10	-	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
Psi	29	36	44	51	58	65	73

Machine - Use kg - lbs	GRADER
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ALL AXLES	4100	4800	5500	6200	6900	7600	8300
<i>All axles</i>	9040	10580	12125	13670	15210	16755	18300

Machine - Use kg - lbs	LOADER
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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]	-	-

X MINE D2 26.5R25 L5** TL PHASED OUT	164572 33205	6 4	-	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
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Bar	3.0	4.0	4.5	5.0	5.5	6.0	6.5
Psi	44	58	65	73	80	87	94

Machine - Use kg - lbs	UNDERGROUND TRANSPORT MACHINE
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ALL AXLES	9000	11200	12500	13200	14500	15500	16500
<i>All axles</i>	19840	24690	27560	29100	31965	34170	36375

Machine - Use kg - lbs	LOADER
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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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TIRE CHARACTERISTICS

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

25"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
X MINE DEFEND 26.5R25 SH4**** L4*** 210A8 TL	318776 66524	14 9	210 144	707 27.8	1779 70.0	781 30.7	5143 202.5	57 2.2	-	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
<i>Psi</i>	44	51	58	65	73	80	87	94	102

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

<i>Machine - Use kg - lbs</i>	LOADER											
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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 UN- LADEN	10280	11200	12000	12800	13600	14800	15600	16480	16960
<i>Rear unladen</i>	22665	24690	26455	28220	29985	32630	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]	-	-

X-SUPER TERRAIN+ 26.5R25 E4** 193B TL PHASED OUT	039476 35486	24 15	221 151	691 27.2	1749 68.9	783 30.8	5266 207.3	54 2.1	-	862 227.7	22.00/3.0	22.00/3.0 IF
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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											
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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]	-	-

IMPORTANT

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TIRE CHARACTERISTICS

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

25"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XADN+ 26.5R25 E3** 193B TL	154324 32433	28 17	258 177	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]	-	-

XADN+ 26.5R25 E3** 193B B4 TL PHASED OUT	238546 44737	28 17	258 177	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
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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

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TIRE CHARACTERISTICS

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

25"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XHA² 26.5R25 L3** 209A2 TL	893825 65348	16 10	-	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	6.5
Psi	29	36	44	51	58	65	73	80	94

Machine - Use
kg - lbs GRADER

ALL AXLES	5400	6400	7500						
All axles	11905	14110	16535						

Machine - Use
kg - lbs LOADER

FRONT LADEN	9300	10300	12150	13600	15000	16150	17350	18500	18500
Front laden	20505	22710	26785	29985	33070	35605	38250	40785	40785
REAR UN-LADEN	7450	8250	9700	10900	12000	12900	13900	14800	14800
Rear unladen	16425	18190	21385	24030	26455	28440	30645	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]	-	-

XLDD1 26.5R25 L4* A TL PHASED OUT	123495 70042	14 9	-	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
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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 UNLAD-EN	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]	-	-

IMPORTANT

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TIRE CHARACTERISTICS

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

25"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XLDD2 26.5R25 L5* A TL	123094 33046	10 6	-	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
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 UNLAD- EN	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]	-	-

XMINE D2 PRO 26.5R25 L5*** TL		858472 21836	6 4	-	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					
Psi	44	58	65	73	80	87	94	102					

Machine - Use
kg - lbs UNDERGROUND TRANSPORT MACHINE

ALL AXLES	9000	11500	12500	13200	14500	15500	16500	19000
All axles	19840	25355	27560	29100	31965	34170	36375	41890

Machine - Use
kg - lbs LOADER

FRONT LADEN	10300	12850	14000	15000	16000	17000	18500	21200
Front laden	22710	28330	30865	33070	35275	37480	40785	46740

REAR UNLAD- EN	8240	10500	11200	12000	12800	13600	14800	16960
Rear unladen	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]	-	-

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. 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).

25"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XSM D2+ 26.5R25 L5S** TL PHASED OUT	995669 93041	4 2	-	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
Psi	44	58	65	73	80	87	94

Machine - Use kg - lbs	LOADER						
FRONT LADEN	10300	12850	14000	15000	16000	17000	18500
Front laden	22710	28330	30865	33070	35275	37480	40785
REAR UNLADEN	8240	10280	11200	12000	12800	13600	14800
Rear unladen	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]	-	-

XSM D2+ PRO 26.5R25 L5S*** TL	183806 74661	4 2	-	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
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Bar	3.0	4.0	4.5	5.0	5.5	6.0	6.5	7.0
Psi	44	58	65	73	80	87	94	102

Machine - Use kg - lbs	LOADER							
FRONT LADEN	10300	12850	14000	15000	16000	17000	18500	21200
Front laden	22710	28330	30865	33070	35275	37480	40785	46740
REAR UNLAD- EN	8240	10500	11200	12000	12800	13600	14800	16960
Rear unladen	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]	-	-

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. 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).

25"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XSM DN+ 26.5R25 L3S*** TL	569259 29138	10 6	-	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
<i>Psi</i>	44	58	65	73	80	87	94	102	109	116

Machine - Use kg - lbs	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 un-laden</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]	-	-

XTRA DEFEND 26.5R25 E4 193B TL PHASED OUT	740832 61680	24 15	221 137.3	698 27.5	1740 68.5	775 30.5	5228 205.8	59.5 75.0	-	870 229.8	22.00/3.0	22.00/3.0 IF
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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

Machine - Use kg - lbs	ARTICULATED DUMP TRUCK						
STANDARD	6500	7500	8500	9000	9500	10500	11500
Standard	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]	-	-

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. 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).

25"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XTRA DEFEND E4/L4 26.5R25 E4** L4** G4* 193B TL	565274 76382	24⁽¹⁾ 14⁽²⁾ 14.9⁽¹⁾ 8.6⁽²⁾	221 151	698 27.5	1740 68.5	779 30.7	5228 205.8	59.5 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>	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 UN- LADEN	7450	8250	9700	10300	10900	12000	12900	13900	14800			
<i>Rear unladen</i>	16425	18190	21385	22710	24030	26455	28440	30645	32630			
<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					
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. 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).

25"

DESCRIPTION	CAI [MSPN]	Max. dist./ hour (38°C) km [miles]	Max. dist./ hour (47°C) km [miles]	TKPH [TMPH]	Section width mm [in]	Outer diameter mm [in]	Static load radius mm [in]	Tread depth mm [32nd]	Dual spacing mm [in]	Cap liter [gal]	Recommended rim	Other approved rims
XTRA POWER L5 26.5R25 L5** TL	226173 44305	10 6 if load per tire <=15 t (38°C)	8 5 if load per tire <=15 t (47°C)	-	691 27.2	1808 71.2	783 30.8	87 109.6	316 12.4	839 221.6	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	6.5	7.5		
<i>Psi</i>	29	36	44	51	58	65	73	80	94	109		
<i>Machine - Use kg - lbs</i>	LOADER (LOAD PER TIRE <= 15T)											
FRONT LADEN	9300	10300	12150	13600	15000							
<i>Front laden</i>	20507	22712	26791	29988	33075							
REAR UNLADEN	7450	8250	9700	10900	12000							
<i>Rear unladen</i>	16427	18191	21389	24035	26460							
<i>Machine - Use kg - lbs</i>	LOADER (LOAD PER TIRE > 15T)											
FRONT LADEN						16150	17350	18500	18500	19795		
<i>Front laden</i>						35611	38257	40793	40794	43549		
REAR UNLADEN						12900	13900	14800	14800	14800		
<i>Rear unladen</i>						28445	30650	32634	32634	32635		

(1) Maximum distance in 1 hour for Articulated Dump Truck (ADT)
(2) Maximum distance in 1 for Wheel Loader (WHL).

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. 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).

25"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XTXL 26.5R25 E4**** L4*** 214A2 TL	039149 06534	*	180 123	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

* Maximum distance per hour (≤18500 kg): 14 km ; Maximum distance per hour (>18500 kg): 12 km

Maximum distance per hour (≤40786 lbs): 9 mi ; Maximum distance per hour (>40786 lbs): 7 mi

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									
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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)									
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FRONT LADEN	10300	12850	14000	15000	16000	17000	18500			
Front laden	22710	28330	30865	33070	35275	37480	40785			

REAR UN- LADEN	8240	10280	11200	12000	12800	13600	14800			
Rear un-laden	18165	22665	24690	26455	28220	29985	32630			

Machine - Use kg - lbs	LOADER (LOAD PER TIRE > 18.5T)									
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FRONT LADEN								19500	20600	21200
Front laden								42990	45415	46740

REAR UN- LADEN								15600	16480	16960
Rear un-laden								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]	-	-

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. 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).

25"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XTXL 26.5R25 SH4**** TL PHASED OUT	321951 81060	-	180 123	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
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
<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]	-	-

X MINE D2 29.5R25 L5** TL PHASED OUT	221069 33387	6 4	-	804 31.7	1903 74.9	850 33.5	5725 225.4	99 124.7	-	980 258.9	25.00/3.5	
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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	UNDERGROUND TRANSPORT MACHINE							
ALL AXLES	10900	12150	13600	15000	16000	17500	18500	19500
All axles	24030	26785	29985	33070	35275	38580	40785	42990

Machine - Use kg - lbs	LOADER							
FRONT LADEN	12500	14000	15500	17000	18000	19500	20600	22400
Front laden	27560	30865	34170	37480	39685	42990	45415	49385
REAR UNLAD- EN	1000	11200	12400	13600	14400	15600	16480	17920
Rear unladen	2205	24690	27335	29985	31745	34390	36330	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]	-	-

IMPORTANT

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TIRE CHARACTERISTICS

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

25"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
X MINE DEFEND 29.5R25 SH4**** L4*** 217A8 TL	149968 60320	14 9	250 171	781 30.7	1895 74.6	826 32.5	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			
All axles	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			
Front laden	34170	37480	39685	42990	45415	49385	52030	53570	56770			
REAR UN- LADEN	12400	13600	14400	15600	16480	17920	18880	19440	20600			
Rear unladen	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]	-	-

XADN+ 29.5R25 E3** 200B B4 TL PHASED OUT		101786 18042	28 17	314 215	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

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. 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).

25"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XADN+ 29.5R25 E3** 200B TL	597428 40883	28 17	314 215	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
Psi	36	44	47	51	58	65	73

Machine - Use
kg - lbs

ARTICULATED DUMP TRUCK

STANDARD	7800	9050	9675	10300	11500	12750	14000
Standard	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]	-	-

XHA² 29.5R25 L3** 216A2 TL	961307 82493	16 10	-	747 29.4	1860 73.2	795 31.3	5504 216.7	43 54.2	-	1177 310.9	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	6.5
Psi	29	36	44	51	58	65	73	80	94

Machine - Use
kg - lbs

LOADER

FRONT LADEN	11150	12300	14600	16300	18000	19450	20950	22400	22400
Front laden	24580	27115	32185	35935	39685	42880	46185	49385	49385
REAR UN- LADEN	8900	9850	11700	13050	14400	15550	16750	17900	17900
Rear unladen	19620	21715	25795	28770	31745	34280	36925	39465	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]	-	-

TIRE CHARACTERISTICS

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

25"

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]	Mesuring recommended rim	Other approved rims mm [in]
XHA³ 23.5 R 25 E3** L3** G3**	186303 38203	cf. specific characteristics for applications ⁽¹⁾	208 142	663 26.1	1696 66.8	cf. specific characteristics for applications ⁽²⁾	cf. specific characteristics for applications ⁽³⁾	42 53	663 26.1	656 23.2	19.50/2.5	-

Bar	2	2,5	3	3,5	4	4,5	5	5,5	6	6,3
Psi	29	36	44	51	58	65	73	80	87	91

Machine - use kg - lbs	LOADER									
FRONT LADEN	8100 17861	9100 20066	12150 26791	13600 29988	12150 26791	13350 29437	13900 30650	14500 31973	15160 33428	15520 34222
REAR UNLADEN	6500 14333	7300 16097	8100 17861	8900 19625	9700 21389	10700 23594	11160 24608	11600 25578	12130 26747	12420 27386

Bar	2	2,5	3	3,5	4	4,5	5
Psi	29	36	44	51	58	65	73

Machine - use kg - lbs	GRADER						
ALL AXLES	4500	5300	6000	6700	7500	8250	9000
	9923	11687	13230	14774	16538	18191	19845

Bar	2	2,5	3	3,25	3,5	4	4,5	5
Psi	29	36	44	47	51	58	65	73

Machine - use kg - lbs	ARTICULATED DUMP TRUCK							
ALL AXLES	4930	5650	6380	7100	7450	7800	8550	9250
	10871	12458	14068	15656	16427	17199	18853	20396

(1) Specific characteristics for applications Max distance per hour			(2) Specific characteristics for applications Static load radius (mm [in]) - Dimensions loaded			(3) Specific characteristics for applications Rolling circumference (mm [in]) - Dimensions loaded		
LOADER	Max distance per hour L-3 **	16 KM/H	LOADER	FRONT LADEN	697 27.4	LOADER	FRONT LADEN	4779 188.1
GRADER	Max distance per hour G-3 **	23 KM/H	GRADER	ALL AXLES	727 28.6	GRADER	ALL AXLES	4854 191.1
ARTICULATED DUMP TRUCK	Max distance per hour E-3 **	28 KM/H	ARTICULATED DUMP TRUCK	ALL AXLES	725 28.5	ARTICULATED DUMP TRUCK	ALL AXLES	4849 190.9

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XHA³ 29.5 R 25 E3**L3**	792484 47166	L3** : 16 ⁽¹⁾ 9.9 ⁽¹⁾ E3** : 28 ⁽²⁾ 17.4 ⁽²⁾	314 215	772 30.4	1845 72.6	790 31.1	5462 215	46 58	-	-	25.00/3.5	-

Bar	2	2,5	3	3,5	4	4,5	5	5,5	6,5
Psi	29	36	44	51	58	65	73	80	94

Machine - use kg - lbs	LOADER (GROUP 2)								
FRONT LADEN	11150	12300	14600	16300	18000	19450	20950	22400	22400
	24586	27122	32193	35942	39960	42887	46195	49392	49392
REAR UNLADEN	8900	9850	11700	13050	14400	15550	16750	17900	17900
	19625	21719	25799	28775	31752	34288	36934	39470	39470

Bar	2,25	2,75	3,25	3,75	4,25	4,75
Psi	33	40	47	54	62	69

Machine - use kg - lbs	ARTICULATED DUMP TRUCK (GROUP 2)					
ALL AXLES	9050 19955	9675 21333	10300 22712	11500 25358	12750 28114	14000 30870

⁽¹⁾ Maximum distance in 1 hour for Loader

⁽²⁾ Maximum distance in 1 hour for Articulated Dump Truck (ADT)

TIRE CHARACTERISTICS

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

25"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XLDD1 29.5R25 L4* A TL PHASED OUT	123741 90432	14 9	-	769 30.3	1906 75.0	821 32.3	5656 222.7	58 73.1	-	1171 309.3	25.00/3.5	

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

<i>Machine - Use kg - lbs</i>	UNDERGROUND TRANSPORT MACHINE											
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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											
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FRONT LADEN	11150	12300	14600	16300	18000	19450	20950	22400
<i>Front laden</i>	24580	27115	32185	35935	39685	42880	46185	49385

REAR UNLAD- EN	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]	-	-

XLDD2 29.5R25 L5* A TL	123278 28230	10 6	-	762 30.0	1900 74.8	821 32.3	5645 222.2	95 119.7	-	985 260.2	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
Psi	29	36	44	51	58	65	73	80

<i>Machine - Use kg - lbs</i>	UNDERGROUND TRANSPORT MACHINE											
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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											
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FRONT LADEN	11150	12300	14600	16300	18000	19450	20950	22400
<i>Front laden</i>	24580	27115	32185	35935	39685	42880	46185	49385

REAR UNLAD- EN	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. 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).

25"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XMINE D2 PRO 29.5R25 L5*** TL	326526 92460	6 4	-	806 31.7	1891 74.4	837 33.0	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

Machine - Use kg - lbs 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

Machine - Use kg - lbs 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 UN- LADEN	1000	11200	12400	13600	14400	15600	16480	17920	20600
<i>Rear unladen</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. 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).

25"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XS SAND 29.5R25 E7 196E TL	458236 01330	-	-	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	3.0	3.3	3.3	3.5	3.7	4.0	4.1	4.5	4.9	5.0	5.5
Psi	29	33	36	39	42	44	47	48	51	54	58	59	65	71	73	80

Machine - Use kg - lbs	DESERT CONDITIONS (65 KM/H MAX.)															
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SAND	11000	12000	12500	13000	14000											
<i>Sand</i>	24250	26455	27560	28660	30865											

TRACK							11000		12000		13000	14000				
<i>Track</i>							24250		26455		28660	30865				

ROAD								11000		12000	13000	14000				
<i>Road</i>								24250		26455	28660	30865				

Ma- chine - Use kg - lbs	ARTICULATED DUMP TRUCK															
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70 KM/H				7800	8575		9350		10900		11500		12750	14000		
<i>43 mph</i>				17195	18905		20615		24030		25355		28110	30865		

STAN- DARD	7800	9050		10300	10900		11500		12750		14000					
<i>Stan- dard</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]	-	-

XTRA DEFEND 29.5R25 E4** 200B TL PHASED OUT	940473 07272	22 14	246 169	773 30.4	1862 73.3	826 32.5	5586 219.9	65 81.9	-	1142 301.7	25.00/3.5	
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Bar	2.0	2.5	3.0	3.3	3.5	4.0	4.5
Psi	29	36	44	47	51	58	65

Machine - Use kg - lbs	ARTICULATED DUMP TRUCK															
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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. 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).

25"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XTRA DEFEND E4/L4 29.5R25 E4** L4** 200B TL	929747 88655	22⁽¹⁾ 14⁽²⁾ 13.7⁽¹⁾ 8.6⁽²⁾	246 169	777 30.6	1857 73.1	830 32.7	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
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 UNLAD- EN	8900	9850	11700		13050		14400	15550		16750		17900
<i>Rear unladen</i>	19620	21715	25795		28770		31745	34280		36925		39465
Machine - Use kg - lbs ARTICULATED DUMP TRUCK												
ALL AXLES	7800	9050	10300		11500		12750	14000				
<i>All axles</i>	17195	19950	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]		-		-					

(1) Maximum distance in 1 hour for Articulated Dump Truck (ADT)

(2) Maximum distance in 1 for Wheel Loader (WHL).

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. 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).

25"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XTXL 29.5R25 E4**** L4*** 221A2 TL	427926 40734	*	220 151	775 30.5	1822 71.7	793 31.2	5435 214.0	59 74.3	-	1029 271.8	25.00/3.5	

* Maximum distance per hour (≤22400 kg): 14 km ; Maximum distance per hour (>22400 kg): 12 km

Maximum distance per hour (≤49384 lbs): 9 mi ; Maximum distance per hour (>49384 lbs): 7 mi

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									
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ALL AXLES	10900	13600	15000	16000	17500	18500	19500	20600	21800	23000
All axles	24030	29985	33070	35275	38580	40785	42990	45415	48060	50705

Machine - Use kg - lbs	LOADER (LOAD PER TIRE ≤ 22.4T)									
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FRONT LADEN	12500	15500	17000	18000	19500	20600	22400			
Front laden	27560	34170	37480	39685	42990	45415	49385			

REAR UN- LADEN	10000	12400	13600	14400	15600	16480	17920			
Rear un- laden	22045	27335	29985	31745	34390	36330	39505			

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

REAR UN- LADEN								18880	19440	20600
Rear un- laden								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. 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).

25"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XAD65-1 750/65R25 E3** 190B TL	123895 79374	28 17	237 162	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]	-	-

XLD 750/65R25 L3* TL	123940 50629	16 10	-	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
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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

Machine - Use
kg - lbs

GRADER

ALL AXLES	5040	5830	6620	7020	7420	8210
<i>All axles</i>	11110	12855	14595	15475	16360	18100

Machine - Use
kg - lbs

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 UN- LADEN	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. 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).

25"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XTRA DEFEND 750/65R25 E4 190B TL PHASED OUT	209221 32588	26 16	220 151	733 28.9	1628 64.1	720 28.3	4878 192	55 69.3	-	796 210.3	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]	-	-

XTRA DEFEND E4/L4 750/65R25 E4** L4* G4* 190B TL	175955 13434	26 ⁽¹⁾ 14 ⁽²⁾ 16.2 ⁽¹⁾ 8.6 ⁽²⁾	220 151	733 28.9	1628 64.1	697 27.4	4878 192	55 69.3	-	796 210.3	24.00/3.0	22.00/3.0 25.00/3.0
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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

Machine - Use
kg - lbs

GRADER

ALL AXLES	5500	6500	7500	8000	8500	9400	10500
<i>All axles</i>	12125	14330	16535	17635	18740	20725	23150

Machine - Use
kg - lbs

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

Machine - Use
kg - lbs

ARTICULATED DUMP TRUCK

ALL AXLES	6250	7350	8400	8950	9500	10600
<i>All axles</i>	13780	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]	-	-

(1) Maximum distance in 1 hour for Articulated Dump Truck (ADT)
(2) Maximum distance in 1 for Wheel Loader (WHL).

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. 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).

29"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XSM DN+ 26.5R29 L3S*** TL	317097 02315	10 6	-	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

Machine - Use kg - lbs	LOADER									
FRONT LADEN	16000	17500	18500	19500	20000	20600	21200	21800	22400	23000
Front laden	35275	38580	40785	42990	44090	45415	46740	48060	49385	50705
REAR UN-LADEN	12800	14000	14800	15600	16000	16480	16960	17440	17920	18400
Rear un-laden	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]	-	-

X MINE D2 29.5R29 L5** TL PHASED OUT	965209 31580	6 4	-	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
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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	UNDERGROUND TRANSPORT MACHINE									
ALL AXLES	11800	13200	14500	16000	17000	18500	19500	20600	22400	23600
All axles	26015	29100	31965	35275	37480	40785	42990	45415	49385	52030
Machine - Use kg - lbs	LOADER									
FRONT LADEN	13200	15000	16500	18000	19500	20600	22400	23600	25030	26030
Front laden	29100	33070	36375	39685	42990	45415	49385	52030	55030	58030
REAR UNLAD-EN	10560	12000	13200	14400	15600	16480	17920	18880	20030	21030
Rear unladen	23280	26455	29100	31745	34390	36330	39505	41625	44270	46915

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).

29"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
X MINE DEFEND 29.5R29 SH4**** L4*** 219A8 TL	490307 83695	14 78	270 185	785 30.9	2001 78.8	875 34.5	5973 235.2	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		
<i>Psi</i>	44	51	58	65	73	76	80	87	94	102		
<i>Machine - Use</i>	GRADER											
kg - lbs												
ALL AXLES	9750	10900	12150	13200	14500	15000						
<i>All axles</i>	21495	24030	26785	29100	31965	33070						
<i>Machine - Use</i>	UNDERGROUND TRANSPORT MACHINE											
kg - lbs												
ALL AXLES	14500	16000	17000	18500	19500	20000	20600	21800	23000	24300		
<i>All axles</i>	31965	35275	37480	40785	42990	44090	45415	48060	50705	53570		
<i>Machine - Use</i>	LOADER											
kg - lbs												
FRONT LADEN	16500	18000	19500	20600	22400	23000	23600	25000	26500	27250		
<i>Front laden</i>	36375	39685	42990	45415	49385	50705	52030	55115	58420	60075		
REAR UN- LADEN	13200	14400	15600	16480	17920	18400	18880	20000	21200	21800		
<i>Rear un- laden</i>	29100	31745	34390	36330	39505	40565	41625	44090	46740	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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TIRE CHARACTERISTICS

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

29"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XK 29.5R29 L3** A TL PHASED OUT	274110 51371	14 9	-	793 31.2	1961 77.2	844 33.2	5819 229.1	38 47.9	-	1260 332.9	25.00/3.5	24.00/3.5

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

<i>Machine - Use kg - lbs</i>	UNDERGROUND TRANSPORT MACHINE											
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ALL AXLES	11800	13200	14500	16000	17000	18500	19500	20600
<i>All axles</i>	26015	29100	31965	35275	37480	40785	42990	45415

<i>Machine - Use kg - lbs</i>	LOADER											
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FRONT LADEN	13200	15000	16500	18000	19500	20600	22400	23600
<i>Front laden</i>	29100	33070	36375	39685	42990	45415	49385	52030

REAR UNLAD- EN	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]	-	-

XMINE D2 PRO 29.5R29 L5*** TL	376767 28327	6 4	-	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
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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

<i>Machine - Use kg - lbs</i>	UNDERGROUND TRANSPORT MACHINE											
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ALL AXLES	11800	13200	14500	16000	17000	18500	19500	20600	24300
<i>All axles</i>	26015	29100	31965	35275	37480	40785	42990	45415	53570

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

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TIRE CHARACTERISTICS

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

29"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XSM D2+ 29.5R29 L5** TL PHASED OUT	358035 93004	4 2	-	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	27250			
<i>Front laden</i>	29100	33070	36375	39685	42990	45415	49385	52030	60075			
REAR UNLAD- EN	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]	-	-

XSM D2+ PRO 29.5R29 L5S*** TL	819333 22462	4 2	-	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
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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

Machine - Use kg - lbs		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 UN- LADEN	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]	-	-

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TIRE CHARACTERISTICS

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

29"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XTS 29.5R29 E3** TL	708648 46731	29 18	348 238	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
Psi	29	36	44	51	58	62	65	73	80

Machine - Use kg - lbs	TRANSPORT											
STANDARD	9150	10325	11500	12650	13850	14425	15000	16150	16750			
<i>Standard</i>	20170	22765	25355	27890	30535	31800	33070	35605	36925			

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]	-	-

XTXL 29.5R29 SH4**** TL PHASED OUT	512305 68037	-	220 151	775 30.5	1928 75.9	855 33.7	5783 227.7	63 79.4	-	1139 300.9	25.00/3.5	24.00/3.5
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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	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]	-	-

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TIRE CHARACTERISTICS

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

29"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XAD65-1 775/65R29 E3** 195B TL PHASED OUT	510085 74895	28 17	272 186	785 30.9	1759 69.3	778 30.6	5272 207.6	45 56.7	-	1050 277.4	24.00/3.0	24.00/3.5 25.00/3.5

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]	-	-

XHA² 775/65R29 L3 206A2 TL	992646 84326	16 10	-	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
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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 UNLAD- EN	9400	10600	12000	12400	13200	13600	14000	14800
<i>Rear unladen</i>	20725	23370	26455	27335	29100	29985	30865	32630

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TIRE CHARACTERISTICS

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

29"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XTRA DEFEND E4/L4 775/65R29 E4** L4** 195B TL	002752 76326	24 ⁽¹⁾ 14 ⁽²⁾ 14.9 ⁽¹⁾ 8.6 ⁽²⁾	233 160	769 30.3	1761 69.3	779 30.7	5276 207.7	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
Psi	29	36	44	51	58	65	73	80	83

Machine - Use kg - lbs **LOADER**

FRONT LADEN	8900	10500	12100	13800	15400	17000	18600	20000	20600
Front laden	19620	23150	26675	30425	33950	37480	41005	44090	45415

REAR UN-LADEN	7100	8500	9700	11200	12300	13600	14900	16200	16480
Rear unladen	15655	18740	21385	24690	27115	29985	32850	35715	36330

Machine - Use kg - lbs **ARTICULATED DUMP TRUCK**

STANDARD	7000	8300	9500	10900	12150
Standard	15430	18300	20945	24030	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]	-	-

XLD 800/65R29 L3* TL	123059 45325	16 10	-	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
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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 UN-LADEN	8100	9450	10800	12150	13500	14000	14900	16250	17600
Rear unladen	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]	-	-

(1) Maximum distance in 1 hour for Articulated Dump Truck (ADT)
(2) Maximum distance in 1 for Wheel Loader (WHL).

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. 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).

29"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
X-SUPER TERRAIN+ 800/80R29 E4** 206B TL PHASED OUT	952451 04779	26 16	353 242	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
Psi	44	47	51	54	58	62	65	69	73	76

Machine - Use kg - lbs	ARTICULATED DUMP TRUCK										
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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]	-	-

XTRA DEFEND 33.25R29 E4** 209B TL	900079 45226	26 16.2	385 264	857 33.7	2067 81.4	922 36.3	6215 244.7	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
Psi	29	36	44	51	58	62	65	73	80	87

Machine - Use kg - lbs	TRANSPORT										
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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	-	-	-

XTS 33.25R29 E3** TL	871916 76725	29 18	429 294	873 34.4	2068 81.4	923 36.3	6218 244.8	51 64.3	-	1640 433.2	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
Psi	29	36	44	51	58	62	65	73	80	87

Machine - Use kg - lbs	TRANSPORT										
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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	JOINT TORIQUE OR 3-29 SULKY R1439 [553202]	-	-

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TIRE CHARACTERISTICS

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

29"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XAD65-1 875/65R29 E3** 203B TL	086953 40269	28 17	347 238	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]	-	-

XHA² 875/65R29 L3* 214A2 TL	936624 32190	16 10	-	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
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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 UNLAD- EN	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]	-	-

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TIRE CHARACTERISTICS

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

29"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XTRA DEFEND 875/65R29 E4 203B TL PHASED OUT	992223 76545	22 14	273 187	872 34.3	1884 74.2	823 32.4	5620 221.3	59.5 75.0	-	1330 351.3	27.00/3.0	27.00/3.5 28.00/3.5

Bar	2.0	2.5	3.0	3.5	4.0	4.5
Psi	29	36	44	51	58	65

Machine - Use
kg - lbs

ARTICULATED DUMP TRUCK

STANDARD	9000	10600	12250	13800	15500	17100
Standard	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]	-	-

XTRA DEFEND E4/L4 875/65R29 E4** L4** 203B TL	206954 76031	22 ⁽¹⁾ 14 ⁽²⁾ 13.7 ⁽¹⁾ 8.6 ⁽²⁾	273 187	872 34.3	1884 74.2	814 32.0 (ADT) 823 32.4	5620 221.3 (ADT) 5597 220.4	59.5 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
Psi	36	44	51	58	65	69	73	80	87	91

Machine -
Use
kg - lbs

LOADER

FRONT LADEN	13000	15200	17200	18500	20600	21200	21800	23600	25000	25750
Front laden	28660	33510	37920	40785	45415	46740	48060	52030	55115	56770
REAR UN- LADEN	10400	12200	13800	14400	16480	16960	17440	18880	20000	20600
Rear un- laden	22930	26895	30425	31745	36330	37390	38450	41625	44090	45415

Machine -
Use
kg - lbs

ARTICULATED DUMP TRUCK

ALL AXLES	10600	12250	13800	15500	17100
All axles	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]	-	-

(1) Maximum distance in 1 hour for Articulated Dump Truck (ADT)
(2) Maximum distance in 1 for Wheel Loader (WHL).

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TIRE CHARACTERISTICS

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

29"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XTRA POWER L5 875/65R29 L5** TL	858995 14624	*	-	873 34.4	1907 75.1	823 32.4	5662 222.9	92 115.9	316 12.4	1245 328.9	27.00/3.0	27.00/3.5 28.00/3.5

* Maximum distance per hour (≤21200 kg): 9 km ; Maximum distance per hour (>21200 kg): 7 km

Maximum distance per hour (≤46738 lbs): 6 mi ; Maximum distance per hour (>46738 lbs): 4 mi

Bar	3.0	4.0	4.3	4.8	5.0	5.3	5.5	5.8	6.0	6.3
Psi	44	58	62	69	73	76	80	83	87	91
Machine - Use kg - lbs	LOADER									
FRONT LADEN	13500	18500	19500	21200	21800	23000	23600	24300	25000	25750
Front laden	29760	40785	42990	46740	48060	50705	52030	53570	55115	56770
REAR UN- LADEN	10800	12600	14400	16960	17850	18750	19650	20500	21400	23000
Rear un- laden	23810	27780	31745	37390	39355	41335	43320	45195	47180	50705

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TIRE CHARACTERISTICS

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

33"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
X-HAUL 18.00R33 E4** TL PHASED OUT	205207 58887	30 19	262 179	495 19.5	1860 73.2	856 33.7	5657 222.7	49 61.7	624 24.6	605 159.8	13.00/2.5	

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	7950	8700	9400	10150	10900	11270	11650	12000
Standard	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]	-	-

X-QUARRY 18.00R33 E4** TL PHASED OUT	873291 15155	19 12	166 114	511 20.1	1864 73.4	867 34.1	5693 224.1	62 78.1	624 24.6	600 158.5	13.00/2.5	
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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	7950	8700	9400	10150	10900	11270	11650	12000
Standard	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]	-	-

IMPORTANT

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TIRE CHARACTERISTICS

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

33"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
X-TRACTION 18.00R33 E4** TL PHASED OUT	397431 94105	25 16	218 149	493 19.4	1868 73.5	848 33.4	5652 222.5	62 78.1	624 24.6	661 174.6	13.00/2.5	

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	7950	8700	9400	10150	10900	11270	11650	12000
Standard	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]	-	-

XDT 18.00R33 E4** A4 TL PHASED OUT	123723 46374	18 11	157 108	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	
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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	7950	8700	9400	10150	10900	11270	11650	12000
Standard	17525	19180	20725	22375	24030	24845	25685	26455

XDT 18.00R33 E4** B TL PHASED OUT	123733 57305	30 19	262 179	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	
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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	7950	8700	9400	10150	10900	11270	11650	12000
Standard	17525	19180	20725	22375	24030	24845	25685	26455

IMPORTANT

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TIRE CHARACTERISTICS

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

33"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XTRA LOAD GRIP 18.00 R 33 A4 E4 TL ***	515155 09496	22 13.7 If load per tire <=10.9 t 20 12.4 If load per tire >10.9 t	194 133	497 19.6	1872 73.7	-	-	60 75.6	598 23.5	603 159.3	13.00/2.5	-

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

Machine - use kg - lbs	TRANSPORT (LOAD PER TIRE <= 10.9T)											
STANDARD	7950 17530	8700 19184	9400 20727	10150 22381	10900 24035							

Bar	3	4.5	5	5.5	6	6.5	7	7.5	8
Psi	58	65	73	80	87	94	102	109	116

Machine - use kg - lbs	TRANSPORT (LOAD PER TIRE > 10.9T)											
STANDARD						11700 25799	12150 26791	12650 27893	13100 28886			

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]	-	-

XTRA LOAD GRIP 18.00 R 33 B E4 TL ***	553513 12079	34 21.1 If load per tire <=10.9 t 31 19.3 If load per tire >10.9 t	301 206	497 19.6	1872 73.7	-	-	60 75.6	598 23.5	603 159.3	13.00/2.5	-
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Bar	3	4.5	5	5.5	6	6.5	7	7.5	8
Psi	58	65	73	80	87	94	102	109	116

Machine - use kg - lbs	TRANSPORT (LOAD PER TIRE <= 10.9T)											
STANDARD	7950 17530	8700 19184	9400 20727	10150 22381	10900 24035							

Bar	3	4.5	5	5.5	6	6.5	7	7.5	8
Psi	58	65	73	80	87	94	102	109	116

Machine - use kg - lbs	TRANSPORT (LOAD PER TIRE > 10.9T)											
STANDARD						11700 25799	12150 26791	12650 27893	13100 28886			

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

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TIRE CHARACTERISTICS

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

33"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XTRA LOAD PROTECT 18.00 R 33 B E4 TL ***	769976 21909	34 21.1 If load per tire <=10.9 t 31 19.3 If load per tire >10.9 t	301 206	498 19.6	1888 74.3	857 33.7	5713 224.9	63 79.4	598 23.5	603 159.3	13.00/2.5	-

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

Machine - use kg - lbs	TRANSPORT (LOAD PER TIRE <= 10.9T)											
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STANDARD	7950 17530	8700 19184	9400 20727	10150 22381	10900 24035							
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Bar	4	4.5	5	5.5	6	6.5	7	7.5	8
Psi	58	65	73	80	87	94	102	109	116

Machine - use kg - lbs	TRANSPORT (LOAD PER TIRE > 10.9T)											
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STANDARD						11700 25799	12150 26791	12650 27893	13100 28886			
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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]	-	-

XTRA LOAD PROTECT 18.00 R 33 A4 E4 TL ***	646057 89058	22 13.7 If load per tire <=10.9 t 20 12.4 If load per tire >10.9 t	194 133	498 19.6	1888 74.3	857 33.7	5713 224.9	63 79.4	598 23.5	603 159.3	13.00/2.5	-
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Bar	4	4.5	5	5.5	6	6.5	7	7.5	8
Psi	58	65	73	80	87	94	102	109	116

Machine - use kg - lbs	TRANSPORT (LOAD PER TIRE <= 10.9T)											
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STANDARD	7950 17530	8700 19184	9400 20727	10150 22381	10900 24035							
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Bar	4	4.5	5	5.5	6	6.5	7	7.5	8
Psi	58	65	73	80	87	94	102	109	116

Machine - use kg - lbs	TRANSPORT (LOAD PER TIRE > 10.9T)											
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STANDARD						11700 25799	12150 26791	12650 27893	13100 28886			
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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]	-	-

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TIRE CHARACTERISTICS

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

33"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XV C 18.00R33 E3** C TL	271325 45385	50 31	436 299	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

Machine - Use
kg - lbs TRANSPORT

STANDARD	7950	8700	9400	10150	10900	11270	11650	12000
Standard	17525	19180	20725	22375	24030	24845	25685	26455

X-TRACTION 21.00R33 E4** TL PHASED OUT	067981 17274	25 16	280 192	572 22.5	2007 79.0	908 35.7	6064 238.7	71 89.4	697 27.4	851 224.8	15.00/3.0	
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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	9315	10250	11185	12125	13065	14000	14470
Standard	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]	-	-

X-TRACTION 21.00R33 E4** A4 TL PHASED OUT	294197	18 11	202 138	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	
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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	9315	10250	11185	12125	13065	14000	14470
Standard	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]	-	-

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TIRE CHARACTERISTICS

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

33"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XTRA LOAD GRIP 21.00 R 33 B E4 TL ***	523174 03975	34 21.1 If load per tire <=14 t 31 19.3 If load per tire >14 t	384 263	565 22.2	2003 78.9	906 35.7	6054 238.3	66 83.1	701 27.6	857 226.4	15.00/3.0	-

Bar	3	4.5	5	5.5	6	6.5	7	7.25	7.5	8
Psi	58	65	73	80	87	94	102	105	109	116

Machine - use kg - lbs	TRANSPORT (LOAD PER TIRE <= 14T)										
STANDARD	9315 20540	10250 22601	11185 24663	12125 26736	13065 28808	14000 30870					

Bar	3	4.5	5	5.5	6	6.5	7	7.25	7.5	8
Psi	58	65	73	80	87	94	102	105	109	116

Machine - use kg - lbs					TRANSPORT (LOAD PER TIRE > 14T)				
ALL AXLES					15000 33075	15500 34178	15867 34987	16600 36603	

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]	-	-

XTRA LOAD GRIP 21.00 R 33 A4 E4 TL ***	843315 31734	22 13.7 If load per tire <=14 t 20 12.4 If load per tire >14 t	248 170	565 22.2	2003 78.9	907 35.7	6056 238.4	66 83.1	701 27.6	857 226.4	15.00/3.0	-
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Bar	3	4.5	5	5.5	6	6.5	7	7.25	7.5	8
Psi	58	65	73	80	87	94	102	105	109	116

Machine - use kg - lbs	TRANSPORT (LOAD PER TIRE <= 14T)										
STANDARD	9315 20540	10250 22601	11185 24663	12125 26736	13065 28808	14000 30870					

Bar	3	4.5	5	5.5	6	6.5	7	7.25	7.5	8
Psi	58	65	73	80	87	94	102	105	109	116

Machine - use kg - lbs	TRANSPORT (LOAD PER TIRE > 14T)			
ALL AXLES	15000 33075	15500 34178	15867 34987	16600 36603

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]	-	-

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TIRE CHARACTERISTICS

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

33"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XTRA LOAD PROTECT 21.00 R 33 A4 E4 TL ***	167639 05749	22 13.7 If load per tire <=14 t 20 12.4 If load per tire >14 t	248 170	565 22.2	1979 77.9	895 35.2	5981 235.5	54 68	701 27.6	859 226.9	15.00/3.0	-

Bar	4	4.5	5	5.5	6	6.5	7	7.25	7.5	8
Psi	58	65	73	80	87	94	102	105	109	116

Machine - use kg - lbs	TRANSPORT (LOAD PER TIRE <= 14T)									
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STANDARD	9315 20540	10250 22601	11185 24663	12125 26736	13065 28808	14000 30870				
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Bar	4	4.5	5	5.5	6	6.5	7	7.25	7.5	8
Psi	58	65	73	80	87	94	102	105	109	116

Machine - use kg - lbs	TRANSPORT (LOAD PER TIRE > 14T)									
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ALL AXLES							15000 33075	15500 34178	15867 34987	16600 36603
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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]	-	-

XTRA LOAD PROTECT 21.00 R 33 B E4 TL ***	495016 35283	34 21.1 If load per tire <=14 t 31 19.3 If load per tire >14 t	384 263	565 22.2	1979 77.9	895 35.2	5981 235.5	54 68	701 27.6	859 226.9	15.00/3.0	-
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Bar	4	4.5	5	5.5	6	6.5	7	7.25	7.5	8
Psi	58	65	73	80	87	94	102	105	109	116

Machine - use kg - lbs	TRANSPORT (LOAD PER TIRE <= 14T)									
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STANDARD	9315 20540	10250 22601	11185 24663	12125 26736	13065 28808	14000 30870				
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Bar	4	4.5	5	5.5	6	6.5	7	7.25	7.5	8
Psi	58	65	73	80	87	94	102	105	109	116

Machine - use kg - lbs	TRANSPORT (LOAD PER TIRE > 14T)									
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ALL AXLES							15000 33075	15500 34178	15867 34987	16600 36603
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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

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TIRE CHARACTERISTICS

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

33"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
X MINE D2 35/65R33 L5** TL PHASED OUT	944666 67187	6 4	-	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
Psi	44	51	58	65	73	80	87	94

<i>Machine - Use kg - lbs</i>	UNDERGROUND TRANSPORT MACHINE											
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ALL AXLES	13600	15500	17000	18500	20000	21800	23000	24300
<i>All axes</i>	29985	34170	37480	40785	44090	48060	50705	53570

<i>Machine - Use kg - lbs</i>	LOADER											
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FRONT LADEN	16100	17700	19000	21200	23000	24300	25750	28000
<i>Front laden</i>	35495	39020	41890	46740	50705	53570	56770	61730

REAR UNLAD- EN	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]	-	-

X MINE D2 EXTRA LOAD 35/65R33 L5*** 229A2 TL	038242 61090	6 4	-	921 36.3	2077 81.8	923 36.3	6236 245.5	93 117.2	-	1410 372.5	28.00/3.5	
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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 kg - lbs</i>	LOADER											
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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 UNLAD- EN	12400	15200	16950	18400	20000	21200	22400	24000	25200	26000
<i>Rear unladen</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	-	-	-

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. 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).

33"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
X UM HAUL 35/65R33 SH4**** 225A8 TL	645051 78667	14 9	360 247	922 36.3	2081 81.9	909 35.8	6208 244.4	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

*Machine - Use
kg - lbs* **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]	-	-

XLDD1 35/65R33 L4** A TL PHASED OUT	143231 33617	14 9	-	923 36.3	2056 80.9	899 35.4	6135 241.5	60 75.6	-	1550 409.5	28.00/3.5	
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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* **UNDERGROUND TRANSPORT MACHINE**

ALL AXLES	13600	15500	17000	18500	20000	21800	23000	24300
<i>All axles</i>	29985	34170	37480	40785	44090	48060	50705	53570

*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 UNLAD- EN	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]	-	-

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. 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).

33"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XLDD2 35/65R33 L5** TL	592188 29247	10 6	-	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
<i>Psi</i>	44	51	58	65	73	80	87	94

*Machine - Use
kg - lbs* **UNDERGROUND TRANSPORT MACHINE**

ALL AXLES	13600	15500	17000	18500	20000	21800	23000	24300
<i>All axles</i>	29985	34170	37480	40785	44090	48060	50705	53570

*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 UNLAD- EN	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]	-	-

XSM D2+ 35/65R33 L5S** TL		980846 39998	4 2	-	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
<i>Machine - Use Loader</i>													

*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 UNLAD- EN	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

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. 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).

33"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XSM DN+ 35/65R33 L3S*** TL	432610 07865	10 6	-	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
Front laden	34170	41890	46740	50705	55115	58420	61730	66140	69445	71650
REAR UN- LADEN	12400	15200	16950	18400	20000	21200	22400	24000	25200	26000
Rear un-laden	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]	-	-

XSMD2+ EXTRA LOAD 35/65R33 L5*** 229A2 TL	964718 68871	4 2	-	921 36.3	2063 81.2	922 36.3	6205 244.3	95 119.7	-	1394 368.3	28.00/3.5	
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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
Front laden	34170	41890	46740	50705	55115	58420	61730	66140	69445	71650
REAR UN- LADEN	12400	15200	16950	18400	20000	21200	22400	24000	25200	26000
Rear un-laden	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	-	-	-

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. 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).

33"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XTRA POWER L4 35/65R33 L4*** 229A2 A4 TL	097314 82106	12 7.5 (if load per tire <=28 t) 10 6.2 (if load per tire >28 t)	-	912 35.9	2085 82.1	906 35.7	6208 244.4	60 75.6	-	1520 401.6	28.00/3.5	-

Bar	3	3.5	4	4.5	5	5.5	5.75	6.25	6.75	7
Psi	44	51	58	65	73	80	83	91	98	102

Machine - use kg - lbs	LOADER (if load per tire <=28 t)									
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FRONT LADEN	17350 38257	19250 42446	21200 46746	23000 50715	25000 55125	26500 58433	28000 61740	-	-	-
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REAR LADEN	13897 30643	15413 33986	16950 37375	18400 40572	20001 44102	21198 46742	22400 49392	-	-	-
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Machine - use kg - lbs	LOADER (if load per tire >28 t)									
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FRONT LADEN	-	-	-	-	-	-	-	30000 66150	31500 69458	32500 71663
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REAR LADEN	-	-	-	-	-	-	-	23991 52900	25188 55540	25985 57297
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* Maximum distance per hour (≤28000 kg): 12 km ; Maximum distance per hour (>28000 kg): 10 km

Maximum distance per hour (≤61729 lbs): 7 mi ; Maximum distance per hour (>61729 lbs): 6 mi

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]	-	-

XTRA POWER L4 35/65R33 L4*** 229A2 B4 TL	959644 -	18 11.2 (if load per tire <=28 t) 16 9.9 (if load per tire >28 t)	-	912 35.9	2085 82.1	906 35.7	6208 244.4	60 75.6	-	1520 401.6	28.00/3.5	-
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Bar	3	3.5	4	4.5	5	5.5	5.75	6.25	6.75	7
Psi	44	51	58	65	73	80	83	91	98	102

Machine - use kg - lbs	LOADER (if load per tire <=28 t)									
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FRONT LADEN	17350 38257	19250 42446	21200 46746	23000 50715	25000 55125	26500 58433	28000 61740	-	-	-
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REAR LADEN	13897 30643	15413 33986	16950 37375	18400 40572	20001 44102	21198 46742	22400 49392	-	-	-
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Machine - use kg - lbs	LOADER (if load per tire >28 t)									
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FRONT LADEN	-	-	-	-	-	-	-	30000 66150	31500 69458	32500 71663
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REAR LADEN	-	-	-	-	-	-	-	23991 52900	25188 55540	25985 57297
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* Maximum distance per hour (≤28000 kg): 18 km ; Maximum distance per hour (>28000 kg): 16 km

Maximum distance per hour (≤61729 lbs): 11 mi ; Maximum distance per hour (>61729 lbs): 10 mi

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]	-	-

TIRE CHARACTERISTICS

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

33"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XTRA POWER L5 35/65R33 L5*** 229A2 TL	169990 51910	*	-	930 36.6	2058 81.0	905 35.6	6154 242.3	95 119.7	316 12.4	1403 370.6	28.00/3.5	

* Maximum distance per hour (≤28000 kg): 10 km ; Maximum distance per hour (>28000 kg): 8 km

Maximum distance per hour (≤61729 lbs): 6 mi ; Maximum distance per hour (>61729 lbs): 5 mi

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	16100	19000	21200	23000	24300	25750	28000	30000	31500	32500
Front laden	35495	41890	46740	50705	53570	56770	61730	66140	69445	71650
REAR UN- LADEN	12900	15200	16950	18400	19450	20600	22400	24000	25200	26000
Rear un- laden	28440	33510	37370	40565	42880	45415	49385	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. 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).

33"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XTXL 35/65R33 E4**** L4*** 229A2 TL PHASED OUT	845075 46729	*	250 171	907 35.7	2026 79.8	887 34.9	6048 238.1	60 75.6	-	1474 389.4	28.00/3.5	

* Maximum distance per hour (≤28000 kg): 14 km ; Maximum distance per hour (>28000 kg): 10 km

Maximum distance per hour (≤61729 lbs): 9 mi ; Maximum distance per hour (>61729 lbs): 6 mi

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									
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ALL AXLES				20000	21200	23000	24300	25750	27250	29000
All axles				44090	46740	50705	53570	56770	60075	63935

Machine - Use kg - lbs	LOADER (LOAD PER TIRE ≤ 28T)									
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FRONT LADEN	16100	19000	21200	23000	24300	25750	28000			
Front laden	35495	41890	46740	50705	53570	56770	61730			

REAR UN- LADEN	12900	15200	16950	18400	19450	20600	22400			
Rear un- laden	28440	33510	37370	40565	42880	45415	49385			

Machine - Use kg - lbs	LOADER (LOAD PER TIRE > 28T)									
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FRONT LADEN								30000	31500	32500
Front laden								66140	69445	71650

REAR UN- LADEN								24000	25200	26000
Rear un- laden								52910	55555	57320

BLOCK HANDLING	See details in the section "Help with the use of earthmover tires"									
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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. 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).

33"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XTXL 35/65R33 E4 TL PHASED OUT	970355 34351	-	250 171	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

Machine - Use kg - lbs	UNDERGROUND TRANSPORT MACHINE						
ALL AXLES	20000	21200	23000	24300	25750	27250	29000
All axles	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]	-	-

XTXL S 35/65R33 SH4**** TL PHASED OUT	771025 91242	-	320 219	907 35.7	2026 79.8	893 35.2	6063 238.7	60 75.6	-	1474 389.4	28.00/3.5	
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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

Machine - Use kg - lbs	UNDERGROUND TRANSPORT MACHINE						
ALL AXLES	20000	21200	23000	24300	25750	27250	29000
All axles	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

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. 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).

35"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
X-QUARRY S 21.00R35 E4** TL PHASED OUT	765959 79316	19 12	220 136.7	599 23.6	2068 81.4	934 36.8	6245 245.9	67 84.4	685 27	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	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]	-	-

XDT 21.00R35 E4** B TL PHASED OUT	123881 40692	30 19	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
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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]	-	-

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. 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).

35"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XDT 21.00R35 E4** A4 TL PHASED OUT	123921 94773	18 11	209 143	576 22.7	2062 81.2	937 36.9	6242 245.7	61 76.9	685 27	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]	-	-

XTRA LOAD GRIP 24.00R35 E4 B TL	302244 86007	34 21.1 If load per tire <=18.5 t 31 19.3 If load per tire >18.5 t	503 345	666 26.2	2163 85.2	976 38.4	6531 257.1	73 92	795 31.3	1169 308.8	17.00/3.5	15.00/3.5
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Bar	4.5	5	5.5	6	6.5	7	7.25	7.5	7.75	8
<i>Psi</i>	65	73	80	87	94	102	105	109	112	116

Machine - use
kg - lbs

TRANSPORT (LOAD PER TIRE <= 18.5T)

STANDARD	13950 30760	15050 33185	16300 35942	17350 38257	18500 40793
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Bar	4.5	5	5.5	6	6.5	7	7.25	7.5	7.75	8
<i>Psi</i>	65	73	80	87	94	102	105	109	112	116

Machine - use
kg - lbs

TRANSPORT (LOAD PER TIRE > 18.5T)

STANDARD	19500 42998	20000 44100	20500 45203	21000 46305	21500 47408
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* Maximum distance per hour (≤18500 kg): 34 km ; Maximum distance per hour (>18500 kg): 31 km

Maximum distance per hour (≤40786 lbs): 21 mi ; Maximum distance per hour (>40786 lbs): 19 mi

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. 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).

35"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XTRA LOAD GRIP 24.00R35 E4 A4 TL	559900 77075	22 13.7 If load per tire <=18.5 t 20 12.4 If load per tire >18.5 t	320 219	666 26.2	2163 85.2	976 38.4	6531 257.1	73 92	795 31.3	1169 308.8	17.00/3.5	15.00/3.5
Bar	4.5	5	5.5	6	6.5	7	7.25	7.5	7.75	8		
Psi	65	73	80	87	94	102	105	109	112	116		

Machine - use
kg - lbs

TRANSPORT (LOAD PER TIRE <= 18.5T)

STANDARD	13950 30760	15050 33185	16300 35942	17350 38257	18500 40793
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Bar	4.5	5	5.5	6	6.5	7	7.25	7.5	7.75	8
Psi	65	73	80	87	94	102	105	109	112	116

Machine - use
kg - lbs

TRANSPORT (LOAD PER TIRE > 18.5T)

STANDARD						19500 42998	20000 44100	20500 45203	21000 46305	21500 47408
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* Maximum distance per hour (≤18500 kg): 22 km ; Maximum distance per hour (>18500 kg): 20 km

Maximum distance per hour (≤40786 lbs): 14 mi ; Maximum distance per hour (>40786 lbs): 12 mi

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]

XTRA LOAD PROTECT 24.00R35 E4 A4 TL ***	388190 05723	22 13.7 If load per tire <=18.5 t 20 12.4 If load per tire >18.5 t	320 219	670 26.4	2162 85.1	978 38.5	6533 257.2	70 88.2	795 31.3	1169 308.8	17.00/3.5	15.00/3.5
Bar	4.5	5	5.5	6	6.5	7	7.25	7.5	7.75	8		
Psi	65	73	80	87	94	102	105	109	112	116		

Machine - use
kg - lbs

TRANSPORT (LOAD PER TIRE <= 18.5T)

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

Bar	4.5	5	5.5	6	6.5	7	7.25	7.5	7.75	8
Psi	65	73	80	87	94	102	105	109	112	116

Machine - use
kg - lbs

TRANSPORT (LOAD PER TIRE > 18.5T)

STANDARD						19500 42998	20000 44100	20500 45203	21000 46305	21500 47408
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* Maximum distance per hour (≤18500 kg): 22 km ; Maximum distance per hour (>18500 kg): 20 km

Maximum distance per hour (≤40786 lbs): 14 mi ; Maximum distance per hour (>40786 lbs): 12 mi

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]

TIRE CHARACTERISTICS

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

35"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XTRA LOAD PROTECT 24.00R35 E4 B TL ***	488798 67386	34 21.1 If load per tire <=18.5 t 31 19.3 If load per tire >18.5 t	503 345	670 26.4	2162 85.1	978 38.5	6533 257.2	70 88.2	795 31.3	1169 308.8	17.00/3.5	15.00/3.5

Bar	4.5	5	5.5	6	6.5	7	7.25	7.5	7.75	8
Psi	65	73	80	87	94	102	105	109	112	116

Machine - use
kg - lbs

TRANSPORT (LOAD PER TIRE <= 18.5T)

STANDARD	13950 30760	15050 33185	16300 35942	17350 38257	18500 40793
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Bar	4.5	5	5.5	6	6.5	7	7.25	7.5	7.75	8
Psi	65	73	80	87	94	102	105	109	112	116

Machine - use
kg - lbs

TRANSPORT (LOAD PER TIRE > 18.5T)

STANDARD						19500 42998	20000 44100	20500 45203	21000 46305	21500 47408
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* Maximum distance per hour (≤18500 kg): 34 km ; Maximum distance per hour (>18500 kg): 31 km

Maximum distance per hour (≤40786 lbs): 21 mi ; Maximum distance per hour (>40786 lbs): 19 mi

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]

XV C 24.00R35 E3** C TL	271650 10223	50 31	740 507	668 26.3	2118 83.4	947 37.3	6372 250.9	30 37.8	825 32.5	1264 333.9	17.00/3.5	15.00/3.5
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Bar	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0
Psi	65	73	80	87	94	102	109	116

Machine - Use
kg - lbs

TRANSPORT

STANDARD	13950 30755	15050 33180	16300 35935	17350 38250	18500 40785	19050 42000	19625 43265	20200 44535
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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. 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).

35"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XTS 29.5R35 E3** TL	631225 64173	29 18	371 254	777 30.6	2116 83.3	943 37.1	6539 257.4	45 56.7	-	1494 394.7	25.00/3.5	27.00/3.5

Bar	3.5	3.8	4.0	4.3	4.5	5.0	5.5
Psi	51	54	58	62	65	73	80

Machine - Use
kg - lbs TRANSPORT

STANDARD	13200	13900	14600	15300	16000	17400	18100
Standard	29100	30645	32185	33730	35275	38360	39905

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]	-	-

XRS 37.25R35 E4** B TL PHASED OUT	123673 75762	22 14	415 284	947 37.3	2364 93.1	1063 41.9	7127 280.6	53 66.8	-	2250 594.4	31.00/4.0	29.00/3.5
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Bar	3.8	4.0	4.3	4.5	5.0	5.5	6.0	6.5
Psi	54	58	62	65	73	80	87	94

Machine - Use
kg - lbs TRANSPORT

STANDARD	17950	18500	19350	20200	21900	23600	24450	25300
Standard	39575	40785	42660	44535	48280	52030	53905	55775

XTS 37.25R35 E3** TL	540244 54190	29 18	540 370	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
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Bar	3.8	4.0	4.3	4.5	5.0	5.5	6.0	6.5
Psi	54	58	62	65	73	80	87	94

Machine - Use
kg - lbs TRANSPORT

STANDARD	17950	18500	19350	20200	21900	23600	24450	25300
Standard	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

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. 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).

39"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XMS 40.5/75R39 E3** B TL	379296 93211	33 21	766 525	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

Machine - Use
kg - lbs

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]	-	-

X MINE D2 45/65R39 L5** 242A2 TL	785703 01004	6 4	-	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
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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	26500	30000	33500	36500	40000	42500	45000	47500
<i>Front laden</i>	58420	66140	73855	80470	88185	93695	99210	104720
REAR UNLAD- EN	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]	-	-

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. 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).

39"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XLDD2 45/65R39 L5** 242A2 TL	519947 48376	10 6	-	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
<i>Psi</i>	44	51	58	65	73	80	87	94

Machine - Use
kg - lbs

LOADER

FRONT LADEN	26500	30000	33500	36500	40000	42500	45000	47500
<i>Front laden</i>	58420	66140	73855	80470	88185	93695	99210	104720
REAR UNLAD- EN	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]	-	-

XRS 37.5R39 E4** TL PHASED OUT	856011 45909	22 14	453 310	976 38.4	2517 99.1	1129 44.4	7583 298.5	56 70.6	-	2624 693.2	32.00/4.5	
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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

Machine - Use
kg - lbs

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

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. 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).

45"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
X MINE D2 45/65R45 L5** 244A2 TL	651716 00821	6 4	-	1159 45.6	2699 106.3	1194 47.0	8087 318.4	116 46.1	-	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

Machine - Use
kg - lbs

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]	-	-

XLDD2 45/65R45 L5** 244A2 TL	871341 79265	10 6	-	1147 45.2	2703 106.4	1180 46.5	8062 317.4	115 44.9	-	3020 797.8	36.00/4.5	
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Bar	4.0	4.5	5.0	5.5	6.0	6.5
<i>Psi</i>	58	65	73	80	87	94

Machine - Use
kg - lbs

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]	-	-

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. 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).

49"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XDR 24.00R49 E4** B4 TL PHASED OUT	123115 64221	22 14	384 263	662 26.1	2529 99.6	1147 45.2	7651 301.2	67 84.4	806 31.7	1466 387.3	17.00/3.5	

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

STANDARD	13900	15250	16550	17850	19200	20500	21800	22450	23100	23350
<i>Standard</i>	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]	-	-

XDR 24.00R49 E4** B TL PHASED OUT	123235 95269	26 16	453 310	662 26.1	2529 99.6	1147 45.2	7651 301.2	67 84.4	806 31.7	1466 387.3	17.00/3.5	
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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

STANDARD	13900	15250	16550	17850	19200	20500	21800	22450	23100	23350
<i>Standard</i>	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]	-	-

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. 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).

49"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
X-TRACTION S RD 27.00R49 E3** B TL	689287 35019	35 22	763 523	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

Machine -
Use
kg - lbs

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]	-	-

XD GRIP 27.00R49 E4*** B TL	047262 38092	*	720 493	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]
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* Maximum distance per hour (≤27250 kg): 32 km ; Maximum distance per hour (>27250 kg): 30 km

Maximum distance per hour (≤60076 lbs): 20 mi ; Maximum distance per hour (>60076 lbs): 19 mi

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

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. 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).

49"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XD GRIP 27.00R49 E4*** B4 TL	349151 17563	*	624 427	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]

* Maximum distance per hour (≤27250 kg): 28 km ; Maximum distance per hour (>27250 kg): 26 km

Maximum distance per hour (≤60076 lbs): 17 mi ; Maximum distance per hour (>60076 lbs): 16 mi

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 (LOAD PER TIRE ≤ 27.25T)									
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STANDARD	16850	18550	20300	22050	24000	25500	27250			
Standard	37150	40895	44755	48610	52910	56220	60075			

Machine - Use kg - lbs	TRANSPORT (LOAD PER TIRE > 27.25T)									
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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]	-	-

XD GRIP 27.00R49 E4*** A4 TL	527661 07858	*	432 296	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]
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* Maximum distance per hour (≤27250 kg): 20 km ; Maximum distance per hour (>27250 kg): 18 km

Maximum distance per hour (≤60076 lbs): 12 mi ; Maximum distance per hour (>60076 lbs): 11 mi

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 (LOAD PER TIRE ≤ 27.25T)									
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STANDARD	16850	18550	20300	22050	24000	25500	27250			
Standard	37150	40895	44755	48610	52910	56220	60075			

Machine - Use kg - lbs	TRANSPORT (LOAD PER TIRE > 27.25T)									
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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. 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).

49"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XDR 27.00R49 E4** A TL PHASED OUT	123170	18 11	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
<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]	-	-

XDR3 27.00R49 B4 E4R TL***	395114 24794	*	528 362	730 28.7	2730 107.5	1236 48.7	8252 324.9	90 113.4	892 35.1	1970 520.4	19.50/4.0 [3.2]	19.50/4.0 [2.7]
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* Maximum distance per hour (≤27250 kg): 24 km ; Maximum distance per hour (>27250 kg): 22 km

Maximum distance per hour (≤60076 lbs): 15 mi ; Maximum distance per hour (>60076 lbs): 14 mi

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. 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).

49"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XDR3 27.00R49 A E4R TL ***	667421 19529	*	432 296	730 28.7	2730 107.5	1236 48.7	8252 324.9	90 113.4	892 35.1	1970 520.4	19.50/4.0 [3.2]	19.50/4.0 [2.7]

* Maximum distance per hour (≤27250 kg): 20 km ; Maximum distance per hour (>27250 kg): 18 km

Maximum distance per hour (≤60076 lbs): 12 mi ; Maximum distance per hour (>60076 lbs): 11 mi

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 (LOAD PER TIRE ≤ 27.25T)									
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STANDARD	16850	18550	20300	22050	24000	25500	27250			
Standard	37150	40895	44755	48610	52910	56220	60075			

Machine - Use kg - lbs	TRANSPORT (LOAD PER TIRE > 27.25T)									
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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]	-	-

XDR3 27.00R49 B E4R TL ***	764857 22060	*	624 427	730 28.7	2730 107.5	1236 48.7	8252 324.9	90 113.4	892 35.1	1970 520.4	19.50/4.0 [3.2]	19.50/4.0 [2.7]
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* Maximum distance per hour (≤27250 kg): 28 km ; Maximum distance per hour (>27250 kg): 26 km

Maximum distance per hour (≤60076 lbs): 17 mi ; Maximum distance per hour (>60076 lbs): 16 mi

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 (LOAD PER TIRE ≤ 27.25T)									
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STANDARD	16850	18550	20300	22050	24000	25500	27250			
Standard	37150	40895	44755	48610	52910	56220	60075			

Machine - Use kg - lbs	TRANSPORT (LOAD PER TIRE > 27.25T)									
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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. 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).

49"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XV C 27.00R49 E3** C TL			280557 06957	50 31	1090 747	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				
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

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. 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).

51"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
X MINE D2 50/65R51 L5** LC TL	508706 08094	10 6	-	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]	-	-

X MINE D2 50/65R51 L5** HR TL PHASED OUT	523260 00296	6 4	-	1273 50.1	3073 121.0	1366 53.8	9227 363.3	116 146.1	-	4463 1179.0	40.00/4.5	
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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]	-	-

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. 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).

51"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
X MINE D2 50/65R51 L5** SR TL	970863 92514	6 4	-	1273 50.1	3073 121.0	1366 53.8	9227 363.3	116 46.1	-	4463 1179.0	40.00/4.5	

Bar	4.0	4.5	5.0	5.5	6.0	6.4
Psi	58	65	73	80	87	92

Machine - Use
kg - lbs **LOADER**

FRONT LADEN	46500	50500	54500	58500	62500	65000
Front laden	102515	111335	120150	128970	137790	143300
REAR UNLADEN	37200	40400	43600	46800	50000	52000
Rear unladen	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]	-	-

XDR 30.00R51 E4** B4 TL PHASED OUT	123041 32096	20 12	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	
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Bar	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0
Psi	51	58	65	73	80	87	94	102

Machine - Use
kg - lbs **TRANSPORT**

STANDARD	22100	24350	26650	28950	31200	33500	34650	35800
Standard	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]	-	-

XDR 30.00R51 E4** B TL PHASED OUT	123151 81267	24 15	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	
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Bar	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0
Psi	51	58	65	73	80	87	94	102

Machine - Use
kg - lbs **TRANSPORT**

STANDARD	22100	24350	26650	28950	31200	33500	34650	35800
Standard	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

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. 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).

51"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XDR+ 30.00R51 MB E4R TL **	217595 60919	24 15	643 440	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				
Psi	51	58	65	73	80	87	94	102				

Machine - Use kg - lbs	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]	-	-

XDR+ 30.00R51 MC E4R TL **	765099 62720	30 19	804 551	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				
Psi	51	58	65	73	80	87	94	102				
Machine - Use kg - lbs	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]	-	-

XDC 33.00R51 E3** C4 TL	645788 28097	45 28	1395 956	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				
Psi	51	58	65	73	80	87	94	102				
Machine - Use kg - lbs	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]	-	-

IMPORTANT

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TIRE CHARACTERISTICS

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

51"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XDR3 33.00R51 B4 E4R TL **	089608 05115	20 12	620 425	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

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

XDR3 33.00R51 C4 E4R TL **		691960 78629	27 17	837 573	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				
<i>Machine - Use kg - lbs</i>	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]	-	-

XDR3 33.00R51 B E4R TL **		884959 05483	24 15	744 510	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				
<i>Machine - Use kg - lbs</i>	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]	-	-

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. 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).

51"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XDT 33.00R51 E4** B TL	123961 53227	30 19	930 637	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				
Psi	51	58	65	73	80	87	94	102				

Machine - Use kg - lbs	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]	-	-

XDT 33.00R51 E4** A TL	123971 79398	22 14	682 467	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				
Psi	51	58	65	73	80	87	94	102				
Machine - Use kg - lbs	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]	-	-

XDC 36.00R51 E3** B TL	320300 59360	37 23	1369 938	1008 39.7	3145 123.8	1376 54.2	9388 369.6	57 71.8	1225 48.2	3980 1051.4	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	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

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. 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).

51"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XDC 36.00R51 E3** C4 TL	975610 00557	40 25	1480 1014	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]	-	-

XDR 36.00R51 B4 E4R TL **	123002 87111	20 12	740 507	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	
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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]	-	-

XDR 36.00R51 B E4R TL **	123122 50173	24 15	888 608	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	
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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).

57"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XDC 40.00R57 E3** B TL	731362 87933	37 23	1776 1217	1107 43.6	3491 137.4	1528 60.2	10422 410.3	63 79.4	1365 53.7	5628 1486.8	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]	-	-

XDC 40.00R57 E3** C4 TL	835698 51763	40 25	1920 1315	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
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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]	-	-

XDC 40.00R57 E3** B4 TL	943864 72766	34 21	1632 11	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
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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]	-	-

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. 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).

57"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XDR3 40.00R57 E4** MB4 TL PHASED OUT	133439 07678	20 12	960 65	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]	-	-

XDR3 40.00R57 MB E4R TL ** PHASED OUT	349567 40866	24 15	1152 789	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	4.0	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]	-	-

XDR3 40.00R57 MC4 E4R TL **	843163 54268	27 17	1296 888	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]	-	-

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. 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).

57"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XDR3 40.00R57 MC E4R TL **	861130 02582	30 19	1440 986	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
<i>Psi</i>	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]	-	-

XDR3+ 40.00R57 E4** MB4 TL		151477 38891	20 12	960 658	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				
<i>Psi</i>	65	73	80	87	91	94	98	102	105				
<i>Machine - Use kg - lbs</i>	TRANSPORT												
STANDARD	47750	51850	55950	60000	61400	62800	64200	65600	67000				
<i>Standard</i>	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]	-	-

XDR3+ 40.00R57 MB E4R TL **		932077 10900	24 15	1152 789	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				
<i>Psi</i>	65	73	80	87	91	94	98	102	105				
<i>Machine - Use kg - lbs</i>	TRANSPORT												
STANDARD	47750	51850	55950	60000	61400	62800	64200	65600	67000				
<i>Standard</i>	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

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. 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).

57"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XDR3 46/90R57 MB4 E4R **	921637 29841	20 12.4	1008 690	1127 44.4	3580 140.9	1586 62.4	10714 421.8	98 123.5	1402 55.2	5560 1468.8	29.00/6.0 [5.7]	29.00/6.0 [5.2] 32.00/6.0

Bar	5.5	5.75	6.0	6.25	6.5	6.75	7.0	7.25	7.5	7.75
<i>Psi</i>	80	83	87	91	94	98	102	105	109	112

<i>Machine - Use kg - lbs</i>	TRANSPORT									
STANDARD	55000	57000	59000	61000	63000	65000	67000	69000	71000	73000
<i>Standard</i>	121254	125664	130073	134482	138891	143300	147710	152119	156528	160937

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]	-	-

XDR3 46/90R57 MB E4R **	983780 31386	24 15	1210 829	1127 44.4	3580 140.9	1586 62.4	10714 421.8	98 123.5	1402 55.2	5560 1468.8	29.00/6.0 [5.7]	29.00/6.0 [5.2] 32.00/6.0
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Bar	5.5	5.75	6.0	6.25	6.5	6.75	7.0	7.25	7.5	7.75
<i>Psi</i>	80	83	87	91	94	98	102	105	109	112

<i>Machine - Use kg - lbs</i>	TRANSPORT									
STANDARD	55000	57000	59000	61000	63000	65000	67000	69000	71000	73000
<i>Standard</i>	121254	125664	130073	134482	138891	143300	147710	152119	156528	160937

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. 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).

57"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XDR3 46/90R57 MC4 E4R **	829128 32213	27 17	1361 932	1127 44.4	3580 140.9	1586 62.4	10714 421.8	98 123.5	1402 55.2	5560 1468.8	29.00/6.0 [5.7]	29.00/6.0 [5.2] 32.00/6.0

Bar	5.5	5.75	6.0	6.25	6.5	6.75	7.0	7.25	7.5	7.75
<i>Psi</i>	80	83	87	91	94	98	102	105	109	112

<i>Machine - Use kg - lbs</i>	TRANSPORT									
STANDARD	55000	57000	59000	61000	63000	65000	67000	69000	71000	73000
<i>Standard</i>	121254	125664	130073	134482	138891	143300	147710	152119	156528	160937

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]	-	-

XDR3 46/90R57 MC E4R **	529895 59195	30 19	1512 1036	1127 44.4	3580 140.9	1586 62.4	10714 421.8	98 123.5	1402 55.2	5560 1468.8	29.00/6.0 [5.7]	29.00/6.0 [5.2] 32.00/6.0
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Bar	5.5	5.75	6.0	6.25	6.5	6.75	7.0	7.25	7.5	7.75
<i>Psi</i>	80	83	87	91	94	98	102	105	109	112

<i>Machine - Use kg - lbs</i>	TRANSPORT									
STANDARD	55000	57000	59000	61000	63000	65000	67000	69000	71000	73000
<i>Standard</i>	121254	125664	130073	134482	138891	143300	147710	152119	156528	160937

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. 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).

57"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XDR 50/80R57 E4** B4 TL PHASED OUT	310787 35277	20 12	1072 666.1	1253 49.3	3625 142.7	1577 62.1	10798 425.1	94 118.4	1536 60.5	6420 1696.0	32.00/6.0 [5.2]	32.00/6.0 [4.8] 34.00/6.0

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

Machine - Use
kg - lbs

TRANSPORT

STANDARD	57820		62410		67000		69290		71590
<i>Standard</i>	127470		137590		147710		152760		157830

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]	-	-

XDR 50/80R57 E4** B TL PHASED OUT	966177 39369	22 14	1285 798.5	1284 50.6	3627 142.8	1567 61.7	10776 424.3	94 118.4	1563 61.5	6750 1783.2	34.00/6.0 [5.2]	34.00/6.0 [4.8]
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Bar	5.0		5.5		6.0		6.5		7.0
<i>Psi</i>	73		80		87		94		102

Machine - Use
kg - lbs

TRANSPORT

STANDARD	63000		68000		73000		75500		78000
<i>Standard</i>	138890		149915		160935		166450		171960

TUBELESS MOUNTING ACCESSORIES AVAILABLE	Recommended rim	O-ring / Grommet [CAI]	Tube [CAI]	Flap [CAI]
	34.00/6.0 [5.2]	JOINT TORIQUE OR 4-57 R1481 [553211]	-	-

XDR250 50/80R57 E4** C TL	195241 81178	30 19	1608 1101	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]
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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

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TIRE CHARACTERISTICS

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

57"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XDR250 50/80R57 E4** C4 TL	253293 48751	27 17	1447 991	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]	-	-

XDR250 50/80R57 E4** B TL PHASED OUT	274589 50281	24 15	1286 881	1204 47.4	3610 142.1	1579 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]
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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

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TIRE CHARACTERISTICS

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

57"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XDR250 50/80R57 E4** B4 TL PHASED OUT	371742 50070	20 12	1072 734	1204 47.4	3610 142.1	1579 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]	-	-

XDR250+ 50/80R57 E4** MB4 TL	238454 22280	20 12	1072 734	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]
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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]	-	-

IMPORTANT

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TIRE CHARACTERISTICS

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

57"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XDR250+ 50/80R57 E4** MB TL	264071 05633	24 15	1286 881	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]	-	-

XDR4 SPEED 50/80R57 E4** MC TL	398033 68251	30 19	1608 1101	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]
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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]	-	-

IMPORTANT

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TIRE CHARACTERISTICS

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

57"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XDR4 SPEED + 50/80R57 E4** MD TL	841338 14855	34 21	1822 1248	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
Psi	73	76	80	83	87	91	94	98	102

Machine - Use kg - lbs	TRANSPORT
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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]	-	-

XDR 50/90R57 E4** B4 TL PHASED OUT	289603 51976	20 12	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	
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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
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STANDARD	52850	57800	62750	67700	72650	75320	78000	80660
Standard	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]	-	-

XDR 50/90R57 E4** C4 TL PHASED OUT	388084 46349	28 17	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	
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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
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STANDARD	52850	57800	62750	67700	72650	75320	78000	80660
Standard	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).

57"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XDR 50/90R57 E4** B TL PHASED OUT	894079 95806	24 15	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
Psi	58	65	73	80	87	94	102	109

Machine - Use kg - lbs	TRANSPORT							
STANDARD	52850	57800	62750	67700	72650	75320	78000	80660
Standard	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]	-	-

XDR3 50/90R57 E4** MB4 TL PHASED OUT	283806 39092	20 12	1248 855	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]	-	-

XDR3 50/90R57 MC4 E4R TL **	650162 09945	28 17	1747 1197	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

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TIRE CHARACTERISTICS

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

57"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XDR3 50/90R57 E4** MB TL PHASED OUT	744229 45751	24 15	1498 1026	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
<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]	-	-

XDR3+ 50/90R57 MB E4R TL **	078316 78907	24 15	1498 1026	1272 49.4	3822 150.5	1701 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
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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]	-	-

XDR3+ 50/90R57 MB4 E4R TL **	704562 84040	20 12	1248 855	1272 49.4	3822 150.5	1701 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
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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]	-	-

IMPORTANT

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TIRE CHARACTERISTICS

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

57"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
X MINE D2 55/80R57 L5* LC TL	594400 13267	10 6	-	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]	-	-

X MINE D2 55/80R57 L5* SR TL	635563 18939	6 4	-	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
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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]	-	-

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. 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).

57"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
X MINE D2 55/80R57 L5* HR TL	817367 07695	6 4	-	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
Psi	58	65	73	80	87	94	102

Machine - Use
kg - lbs

LOADER

FRONT LADEN	75000	80000	85000	90000	95000	100000	105000
Front laden	165345	176370	187395	198415	209440	220460	231485
REAR UNLADEN	60000	64000	68000	72000	76000	80000	84000
Rear unladen	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]	-	-

X MINE D2 60/80R57 L5* HR TL	114447 09011	6 4	-	1520 59.8	3949 155.5	1713 67.4	11750 462.6	118 148.7	-	10022 2647.5	47.00/5.0	
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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

LOADER

FRONT LADEN	75000	83000	91000	99000	107000	115000	123000
Front laden	165345	182985	200620	218260	235895	253530	271170
REAR UNLADEN	60000	66400	72800	79200	85600	92000	98400
Rear unladen	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]	-	-

IMPORTANT

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TIRE CHARACTERISTICS

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

57"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
X MINE D2 60/80R57 L5* SR TL	964380 31145	6 4	-	1520 59.8	3949 155.5	1714 67.5	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]	-	-

X MINE D2 60/80R57 L5* LC TL	158276 25783	10 6	-	1520 59.8	3949 155.5	1713 67.4	11750 462.6	118 148.7	-	10022 2647.5	47.00/5.0	
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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]	-	-

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. 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).

57"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
X MINE 70/70R57 L4** TL	684202 92660	7 4	-	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
Psi	73	76	80	83	87	91	98

Machine - Use
kg - lbs **LOADER**

FRONT LADEN	115000	118000	121000	125000	128500	132000	136000
Front laden	253530	260145	266760	275580	283295	291010	299830
REAR UNLADEN	92000	94400	96800	100000	102800	105600	108800
Rear unladen	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]	-	-

XDR3 37.00R57 B4 E4R TL **	112553 66263	20 12	848 581	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]	-	-

XDR3 37.00R57 C E4R TL **	168876 09655	30 19	1272 871	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. 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).

57"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
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XDR3 37.00R57 C4 E4R TL **	514466 86430	27 17	1145 784	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
<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]	-	-

XDR3 37.00R57 B E4R TL **	651752 18283	24 15	1018 697	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
<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]	-	-

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. 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).

63"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XDR3 53/80R63 MC4 E4R TL **	031154 06229	28 17	1848 1266	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]	-	-

XDR3 53/80R63 E4** MB4 TL	176236 05149	20 12	1320 904	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]
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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]	-	-

XDR3 53/80R63 MB E4R TL **	302446 26004	24 15	1584 1085	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]
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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]	-	-

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. 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).

63"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XDR3 53/80R63 MC E4R TL **	709804 99718	30 19	1980 1356	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
<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]	-	-

XDR3 EXTRA LOAD 53/80R63 E4*** MB4 TL	637745 68989	20 12	1520 1041	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					
Psi	102			105			109					
Machine - Use kg - lbs	TRANSPORT											
STANDARD	90000			92500			95000					
Standard	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]	-	-

XDR3 EXTRA LOAD 53/80R63 MB E4R TL ***	664323 17762	24 15	1824 1249	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					
Psi	102			105			109					
Machine - Use kg - lbs	TRANSPORT											
STANDARD	90000			92500			95000					
Standard	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. 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).

63"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XDR3 EXTRA LOAD 53/80R63 MC4 E4R TL ***	781925 81977	28 17	2128 1458	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
Psi	102	105	109

Machine - Use
kg - lbs

TRANSPORT

STANDARD	90000	92500	95000
Standard	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]	-	-

XDR3 EXTRA LOAD 53/80R63 MC E4R TL ***	812927 17699	30 19	2280 1562	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]
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Bar	7.0	7.3	7.5
Psi	102	105	109

Machine - Use
kg - lbs

TRANSPORT

STANDARD	90000	92500	95000
Standard	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]	-	-

XDR3+ 53/80R63 MB4 E4R TL **	221719 00582	20 12	1320 904	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]
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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]	-	-

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. 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).

63"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XDR3+ EXTRA LOAD 53/80R63 MB4 E4R TL ***	509797 06252	20 12	1520 1041	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]	-	-

XDR2 S 59/80R63 E3** C4 TL	416409 68652	32 20	2535 1736	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]
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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]	-	-

XDR2 S 59/80R63 E3** B TL	532463 32399	28 17	2218 1519	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]
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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

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. 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).

63"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XDR3 59/80R63 E4** MB4 TL	430321 73530	20 12	1600 1096	1467 57.8	4030 158.7	1742 68.6	11974 471.4	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]	-	-

XDR3 59/80R63 MC4 E4R TL **	502804 83942	28 17	2240 1534	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]
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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. 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).

63"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XDR3 59/80R63 E4** MB TL	774172 20068	24 15	1920 1315	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]	-	-

XDR3+ 59/80R63 MB4 E4R TL **	417433 16577	20 12	1600 1096	1467 57.8	4030 158.7	1742 68.6	11974 471.4	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. 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).

63"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XDR3+ 59/80R63 MB4 E4R TL **	535123 03414	24 15	1920 1315	1467 57.8	4030 158.7	1742 68.6	11974 471.4	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]	-	-

XDR4 EXTRA LOAD 59/80R63 MB4 E4R TL ***	233050 17772	20 12	1840 1260	1495 58.9	4027 158.5	1737 68.4	1737 68.4	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
<i>Psi</i>	102	105	109

Machine - Use
kg - lbs

TRANSPORT

STANDARD	109000	112000	115000
<i>Standard</i>	240305	246920	253530

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

XDR4 EXTRA LOAD 59/80R63 MB E4R TL ***	265198 97806	24 15	2208 1512	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
<i>Psi</i>	102	105	109

Machine - Use
kg - lbs

TRANSPORT

STANDARD	109000	112000	115000
<i>Standard</i>	240305	246920	253530

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

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. 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).

63"

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 [32rd]	Dual spacing mm [in]	Cap liter [gal]	Recommended Rim	Other approved rims
XDR4 EXTRA LOAD 59/80R63 MC4 E4R TL ***	320785 06838	28 17	2576 1765	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
<i>Psi</i>	102	105	109

Machine - Use
kg - lbs

TRANSPORT

STANDARD	109000	112000	115000
<i>Standard</i>	240305	246920	253530

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

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. Technical data is subject to change without prior notice.

MICHELIN

DATA & ADVICE

EARTHMOVER SOLUTIONS

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TIRE CONSTRUCTION

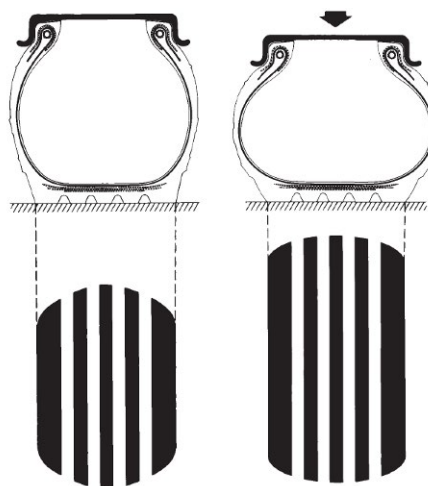
RADIAL TIRES CONSTRUCTION



The crown belt is made of several working and protecting steel plies.

The casing is made of steel with a double protection at the sidewall.

**CROWN AND
SIDEWALLS
ARE WORKING
SEPARATELY**



GOOD TO KNOW

Low heat buildup

Even frictions with the ground

Low distortion of the footprint



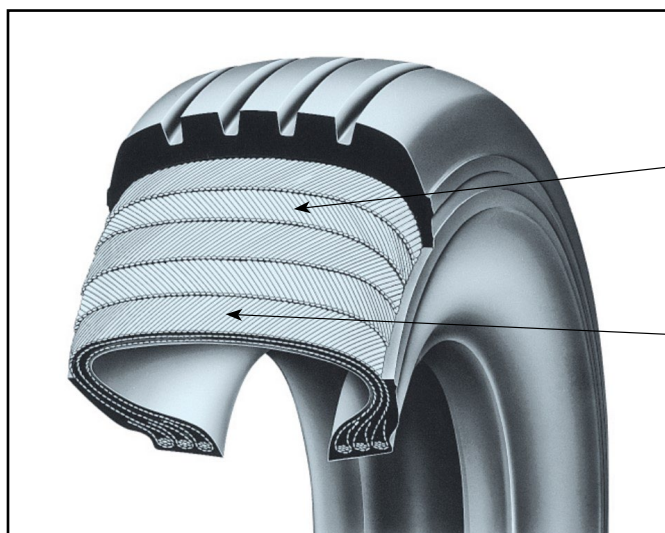
Extended productivity
(Long transport distance)



Improved wear performance

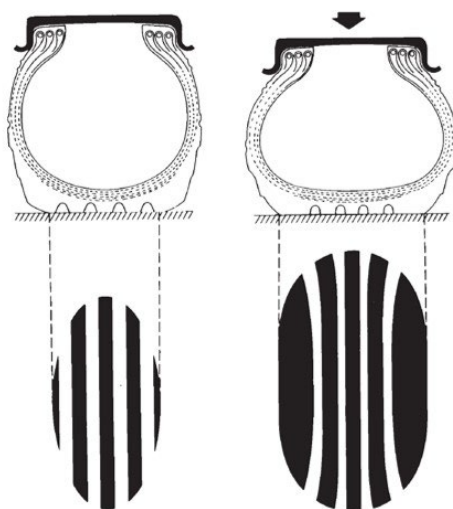
TIRE CONSTRUCTION

DIAGONAL OR BIAS TIRES CONSTRUCTION



Crown and sidewalls functions are not differentiated

The casing is made of several textile plies positioned in a crisscross manner



GOOD TO KNOW

Important heat buildup

Parasite frictions with the ground

High distortion of the tire footprint



Reduced productivity
(Low transport distance)



Low wear performance

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 PRECAUTION

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.

PRECAUTION 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).

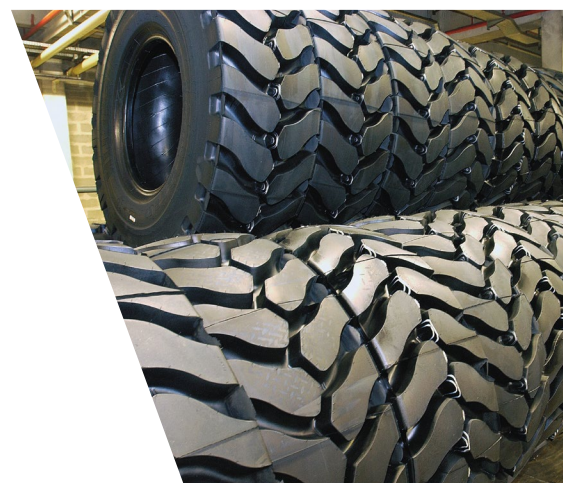
3 - The tire is lifted under the tread and not on the beads when a forklift truck with telescopic forks is used.

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 RECOMMENDATION

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.

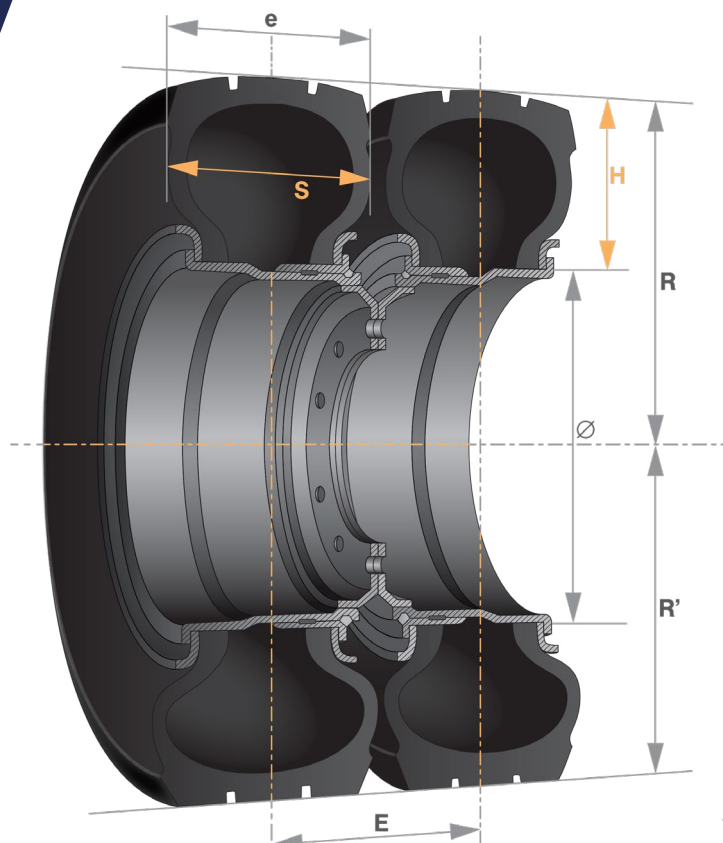
The preceding information is extracted from the **USE AND MAINTENANCE GUIDE** FOR MICHELIN® EARTHMOVER TIRES.

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



e	Maximum overall section width on measuring rim (this rim is indicated in bold)
D	External tire diameter ($R \times 2$)
Ø	Nominal bead seat diameter (rim diameter)
S	Standard section width
E	Minimum dual spacing (on measuring rim)
H	Standard section height
R	Free radius ($2R = D$)
R'	Static loaded radius*
RC	Rolling circumference*
Tread depth	Tire tread depth in mm (rubber depth that can be used without risking damage to plies)
Cap.	Interior capacity of the tire (to calculate the nitrogen quantity when inflated with nitrogen, or the liquid quantity when filled). This information is not required when inflated with air.

*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.

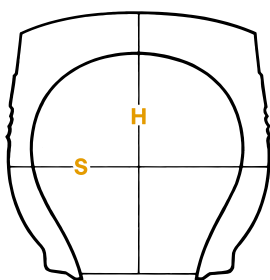
Earthmover tires differ from those mounted on cars or commercial vehicles by:

- 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 **S** = standard section width

100 SERIES (STANDARD)



The H/S aspect ratio is approximately equal to 1

1

$$\frac{H}{S} = 100 \%$$

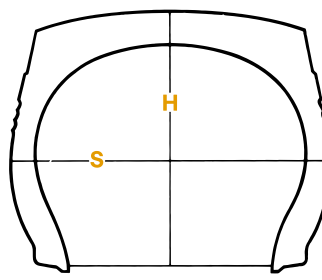
The section width is expressed in inches with two decimal places.

Examples: 18.00 R 33

Tires for rigid trucks, handling equipment, etc.

The aspect ratio is not indicated in the size designation.

80 SERIES



The H/S ratio is approximately equal to 0.80.

0.80

$$\frac{H}{S} = 80 \%$$

The section width is expressed in inches and fractions of an inch.

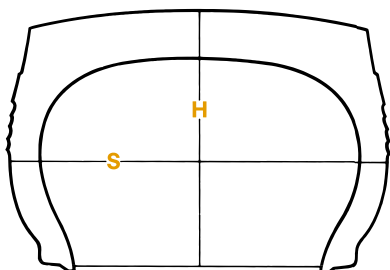
Examples: 8.25 R 15, 20.5 R 25

The aspect ratio is not indicated in the size designation, or in inches followed by the number 80

Example: 59/80 R 63

Tires for rigid trucks, articulated dumpers, loaders, handling equipment, etc.

65 SERIES



The H/S ratio is approximately equal to 0.65.

0.65

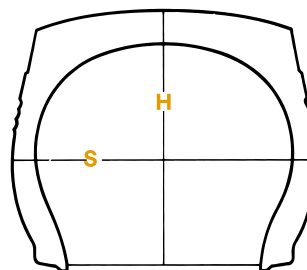
$$\frac{H}{S} = 65 \%$$

The section width is expressed in inches or in millimeters, followed by the number 65.

Examples: 35/65 R 33, 750/65 R 25

Tires for large loaders, articulated trucks, etc.

90 SERIES



The H/S ratio is approximately equal to 0.90.

0.90

$$\frac{H}{S} = 90 \%$$

The section width is expressed in inches followed by the number 90.

Example: 50/90 R 57

Tires for rigid trucks

CLASSIFICATION OF MICHELIN TIRES

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

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

This is an international classification:

C	Compactor
G	Grader
E	Earthmoving
SH	Subterranean Haulage
L	Loader and bulldozer

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	Very Deep Tread

ACCORDING TO THEIR TREAD DEPTHS



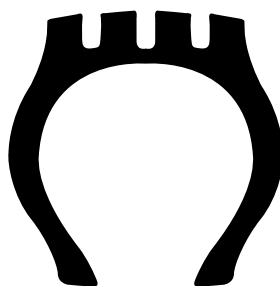
**(E-2, E-3, L-2,
L-3, G-2, G-3)**

Traction/Regular tread

Previously used

Michelin designation:

N (Normal)



(E-4, L-4, G-4)

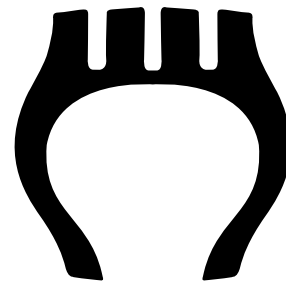
Deep tread

Aggressive ground

Previously used

Michelin designation:

D1 = N x 1.5



(L-5)

Very deep tread

Abrasive and aggressive ground

Previously used

Michelin designation:

D2 = N x 2.5

* ISO International Standard Organization.

* ETRTO European Tire and Rim Technical Organization.

* TRA Tire and Rim Association

* JATMA Japan Automobile Tire Manufacturers Association

CLASSIFICATION OF MICHELIN TIRES

SUMMARY

CODE	TREAD PATTERN	APPLICATION
C-1	SMOOTH	Compactor
E-1 E-2 E-3 E-4 E-7	RIBBED TRACTION REGULAR TREAD DEEP TREAD FLOTATION	Transport
SH-3	REGULAR TREAD	Subterranean Transport
SH-4	DEEP TREAD	
G-1 G-2 G-3 G-4 G-5	RIBBED TRACTION REGULAR TREAD DEEP TREAD VERY DEEP TREAD	Grader
L-2 L-3 L-4 L-5 L-3S L-4S L-5S	TRACTION REGULAR TREAD DEEP TREAD VERY DEEP TREAD SMOOTH REGULAR TREAD SMOOTH DEEP TREAD SMOOTH VERY DEEP TREAD	Loader Bulldozer

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



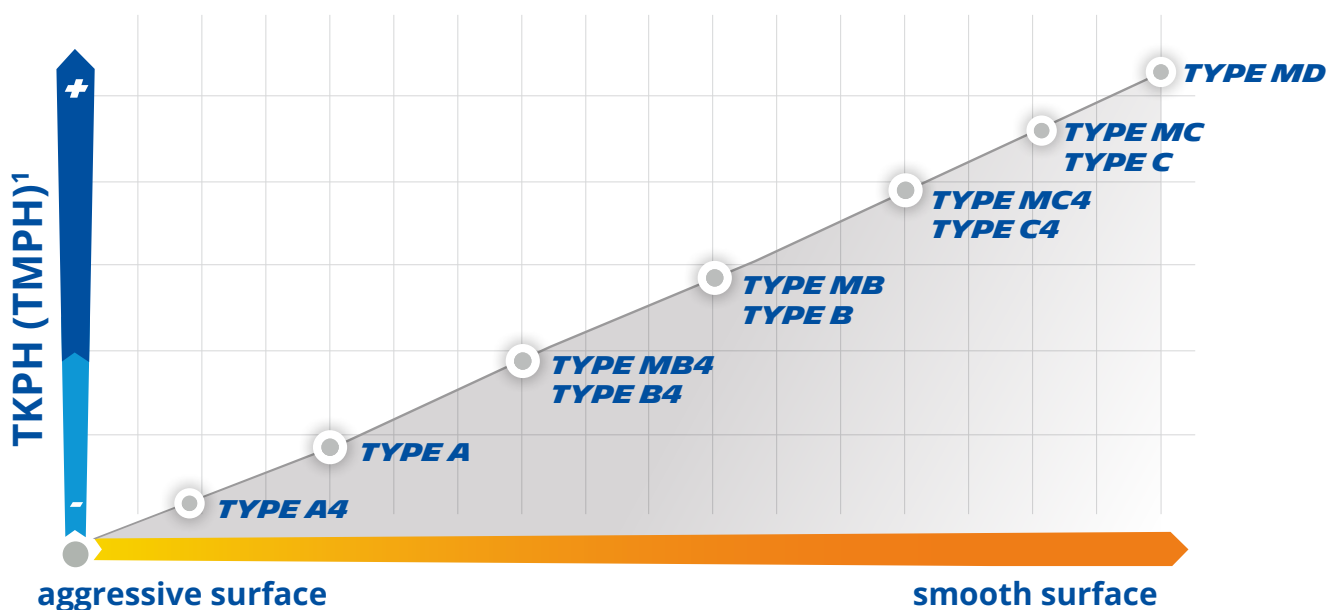
MICHELIN®
XDR® 2

- **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) ¹
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	



1. TKPH: Ton kilometer per hour TMPH: Ton mile per hour

LOAD INDEX- 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.

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
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 reference load corresponds to the load index of the designation.

The **SPEED SYMBOL** is a numerical code from international standard tires, which indicates the maximum speed at which the tire can carry a load corresponding to its load index, under specified conditions.

SPEED SYMBOL	A1	A2	A3	A4	A5	A6	A7	A8	B	C	D	E	F	G	J	K	L
Speed (km/h)	5	10	15	20	25	30	35	40	50	60	65	70	80	90	100	110	120
Speed (mp/h)	3	6	9	12	15	20	23	25	30	37	40	44	50	55	60	68	74

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.

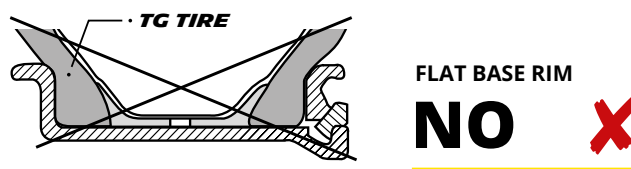
Do not fit these tires on flat-base rims, which are incompatible because they have differences in seat diameter.

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

EXPLANATION OF THE DIFFERENT USES

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 kilometric performance, the speed must be limited

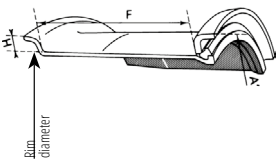
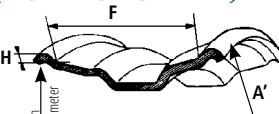
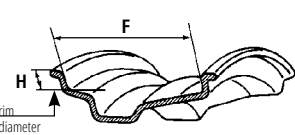
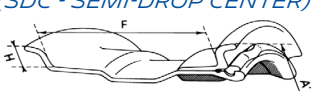
- to 20 km/h (12.5 mph) if the speed on road is 80 km/h (50 mph)
- to 15 km/h (9.3 mph) if the speed on road is 65 km/h (40 mph)

After sand use, the pressure must be readjusted for subsequent conditions of use (road or track).

COMPONENTS USED WITH MICHELIN EARTHMOVER 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 ⁽¹⁵⁾ MM INCHES	D ⁽¹⁴⁾ MM INCHES		RIM R/A ⁽¹¹⁾	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	Tyrano (A 20)	NA	2
	20 - 8.00 V	203.2 8.0	44 1.7			A	E 20 (13/80 R 20) Piil XLC		NA	2
	20 - 8.50 V	215.9 8.5	44 1.7			A	E 20 (13/80 R 20) Piil 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) Piil XLC		NA	2
	20 - 10.00 W	254 10.0	51 2.0			R	16.00 R 20 XZL		2	2
	20 - 11.25	286 11.3	51 2.0			A	E 20 (13/80 R 20) Piil XLC		2	2
	21 - 18.00	457.2 18.0	38 1.5			R	14.00 R 20 X MINE D2			
	24 - 7.33 V	186.2 7.3	44 1.7	612,8	609,6	A	16.00 R 20 XZL	None	2	2
	24 - 8.00 V	203.2 8.0	44 1.7			A	24 R 21	(OR 6.8-21)		
	24 - 8.50 V	216 8.5	44 1.7			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
	24 - 10.00 W	254 10.0	51 2.0			A	12.00 R 24 ***	None		
						A	12.00 R 24 X MINE D2	G25	2	2
						A	14.00 R 24 ***	None		
						A	15.00 R 24 Piil	None	2	2
						A	14.00 R 24 ***	None	2	2
						A	15.00 R 24 Piil	None	2	2
						A	385/95 R 24	None	2	2
15° TAPER DROP CENTER RIMS (DC - DROP CENTER) 	20.5 x 16.00	406.5 16.0	12.7 0.5	520,7		R	525/65 R 20.5			
	20.5 x 18.00	457 18.0	12.7 0.5			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			
	25 x 13.00/1.4	330 13.0	36 1.4			A	15.5 R 25 * L2 - L3			
	25 x 14.00/1.3	355 14.0	33 1.3			A	17.5 R 25 * L2 - L3			
	25 x 14.00/1.5	355 14.0	38 1.5			A	17.5 R 25 * L2 - L3			
	635 x 280 CR	280 11.0	43 1.7			A	445/95 R 25 X CRANE +			
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 R	14.00 R 24 * TG 16.00 R 24 * TG			

** R = Recommended - A = Allowed

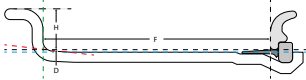
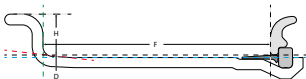


See note page about TG tire fitment.

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.

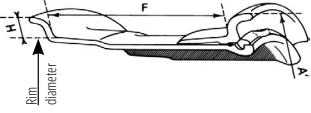
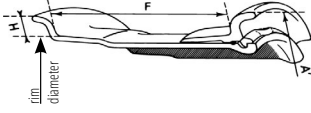
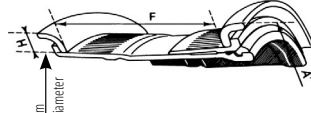
RIM TYPES	RIM DESIGN.	F MM INCHES	H ⁽¹³⁾ MM INCHES	D ⁽¹⁴⁾ MM INCHES	RIM R/A ⁽¹⁵⁾	TIRE SIZES	SEAL		
								TL	TT
5° TAPER BEAD SEAT RIMS  (Removable bead seat, split)	15 - B 6.5	165.1 6.5	38.1 1.5	385,8	385,8	A A 7.50 R 15 8.25 R 15	None		
	15 - 10.50	267 10.5	38 1.5			R A 14.5 R 15 350/65 R 15			
	20 - B 6.5	165.1 6.5	38.1 1.5			A 9.00 R 20			
	20 - B 7.0	177.8 7.0	38.1 1.5			A 9.00 R 20 X MINE D2	Tyrant (A 20)	NA	2
	20 - B 7.5	190.5 7.5	43.2 1.7	512,8	512,8	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			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	387,4	387,0	A R 7.50 R 15 8.25 R 15			
	15 - 7.0	177.8 7.0	38 1.5			A A 10.00 R 15 8.25 R 15			
	15 - 7.5	190.5 7.5	40.6 1.6			R 10.00 R 15			
	15 - 11.0	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 350/65 R 15 400/80 R 15			
	20 - 6.5	165.1 6.5	35.6 1.4			A 9.00 R 20 X MINE D2	Tyrant (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)		NA	2
	20 - 8.0	203.2 8.0	43.2 1.7			A 12.00 R 20 X MINE D2		NA	2
	20 - 8.0 V	203.0 8.0	44.4 1.7			A E 20 (13/80 R 20) Pii XLC		NA	2
	20 - 8.5	215.9 8.5	45.7 1.8	514,4	514,0	A R E 20 (13/80 R 20) Pii XLC 12.00 R 20 X MINE D2		NA	2
	20 - 8.5 V	216 8.5	44.4 1.7			A E 20 (13/80 R 20) Pii XLC		NA	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	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	0
	24 - 7.5	190.5 7.5	40.5 1.6			A 12.00 R 24 X MINE D2	G25	2	2
						A 12.00 R 24 XSM D2	G25	2	2
						A 12.00 R 24 XKA***	G25	2	2
	24 - 8.0	203.2 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	616,0	615,6	R 12.00 R 24 ***	G25	NA	2
	24 - 9.0	228.6 9.0	48.3 1.9			A 14.00 R 24 non TG	G25	NA	0
						A 15.00 R 24 Pii	G25	NA	0
						R 14.00 R 24 non TG		NA	0
	24 - 10.0	254 10.0	50.8 2.0			R 15.00 R 24 Pii	G25	NA	0
						R 385/95 R 24		NA	0

** R = Recommended - A = Allowed

COMPONENTS USED WITH MICHELIN EARTHMOVER 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 ^(**)	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	635,0	R A	14.00 R 25 385/95 R 25	Heupo (OR 2-25)		
	25 - 11.25/1.3	286 11.3	33 1.3		A A	14.00 R 25 385/95 R 25			
	25 - 11.25/2.0 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 14.0	33 1.3		R	445/80 R 25	Heupo (OR 2-25)		
	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 A	20.5 R 25 * 550/65 R 25 600/65R25 XLD 65	Heupo (OR 2-25)		
	25 - 17.00/2.0 IF ^(*)	432 17.0	51 2.0		R	20.5 R 25			
	25 - 19.50/2.5 IF ^(*)	495 19.5	63.5 2.5		A A A	525/80 R 25 550/65 R 25 600/65R25 XLD 65	Sulla (OR 3-25)		
	25 - 22.00/3.0 IF ^(*)	559 22.0	76 3.0		A	600/65R25 XLD 65			
	25 - 25.00/3.5 IF ^(*)	635 25.0	89 3.5		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			
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)		
					A	385/95 R 25			
	25 - 11.00/1.7 CR	279 11.0	43 1.7		A	16.00 R 25			
					A	445/95 R 25			
	25 - 14.00/1.7 CR	355 14.0	43 1.7		A	17.5 R 25			
					A	445/80 R 25			
	25 - 17.00/1.7 CR	432 17.0	43 1.7		A	20.5 R 25			
					A	525/80 R 25			
5° TAPER BEAD SEAT RIMS (5 PIECES) 	25 - 10.00/2.0	254 10.0	51 2.0		A	505/85 R 25	Sulla (OR 3-25)		
					A	14.00 R 25			
	25 - 11.25/2.0 IN ^(*)	284 11.2	51 2.0		R	16.00 R 25			
					A	445/95 R 25			
	25 - 13.00/2.0 IN ^(*)	330 13.0	51 2.0		A	16.00 R 25			

** R = Recommended - A = Allowed

(*) New wheels have additional marking **IN**:

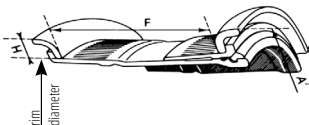
The IF flanges feature an Integrated Flange. They are 3-piece rims suited for radial tires.

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 ^(**)	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			
					R	23.5 R 25			
	25 - 19.50/2.5	495 19.5	63.5 2.5		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			
					R	26.5 R 25			
	25 - 22.00/3.0	559 22.0	76 3.0		R	650/65 R 25			
					R	660/65 R 25 750/65 R 25			
					A	750/65 R 25			
	25 - 24.00/3.0	610 24.0	76 3.0		R	750/65 R 25			
	25 - 25.00/3.0	635 25.0	76 3.0		R	750/65 R 25			
	25 - 25.00/3.5	635 25.0	89 3.5		R	29.5 R 25			
					R	850/65 R 25			
	25 - 27.00/3.5	687 27.0	89 3.5		A	850/65 R 25			
	29 - 22.00/3.0	559 22.0	76 3.0	737	R	26.5 R 29	Sulky (OR 3-29)		
					A	30/65 R 29			
	29 - 24.00/3.0	610 24.0	76 3.0		R	30/65 R 29			
					A	26.5 R 29			
	29 - 24.00/3.5	610 24.0	89 3.5		A	29.5 R 29			
					A	800/65 R 29			
	29 - 25.00/3.5	635 25.0	89 3.5		R	29.5 R 29			
					R	800/65 R 29			
	29 - 27.00/3.0	687 27.0	76 3.0		R	875/65 R 29			
	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**:

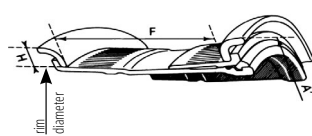
The IF flanges feature an Integrated Flange. They are 3-piece rims suited for radial tires.

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				
	35 - 29.00/3.5	737 29.0	89 3.5		A	33.25 R 35				
					A	37.25 R 35				
	35 - 31.00/4.0	787 31.0	101.5 4.0		R	37.25 R 35				
	39 - 32.00/4.5	813 32.0	114.5 4.5	991	R	37.5 R 39	Fuodi (OR 3-39)			
					R	40.5/75 R 39				
					A	45/65 R 39				
					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**:

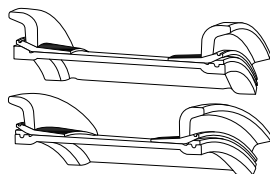
The IF flanges feature an Integrated Flange. They are 3-piece rims suited for radial tires.

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

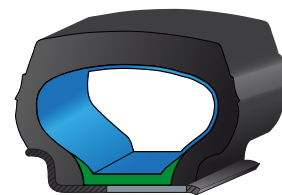
Check that the rim support is at least the weight carried by the tire.

RIM TYPES	RIM DESIGN.	F MM INCHES	H ⁽¹³⁾ MM INCHES	D ⁽¹⁴⁾ MM INCHES	RIM R/A ^(*)	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			
					A	50/80 R 57 XDR250			
	57 - 32.00/5.0	813 32.0	127 5.0		A	40.00 R 57			
					A	40.00 R 57			
	57 - 32.00/6.0	813 32.0	152 6.0		R	50/80 R 57 XDR250			
					A	50/80 R 57 XDR			
					A	50/90 R 57			
	57 - 32.00/6.5	813 32.0	165 6.5		A	50/80 R 57 XDR			
	57 - 34.00/6.0	863 34.0	152 6.0		A	55/80 R 57			
	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	60/80 R 57			
	57 - 47.00/5.0	1194 47.0	127 5.0						
	63 - 36.00/5.0	914 36.0	127 5.0	1600	A	53/80 R 63	Réf. 2053 (OR 4-63)		
	63 - 38.00/5.0	965 38.0	127 5.0		A	53/80 R 63			
	63 - 41.00/5.0	1041 41.0	127 5.0		A	55/80 R 63			
					A	56/80 R 63			
	63 - 44.00/5.0[6.0]	1117 44.0	127 5.0		A	59/80 R 63			

** R = Recommended - A = Allowed

COMPONENTS USED WITH MICHELIN EARTHMOVER TIRES

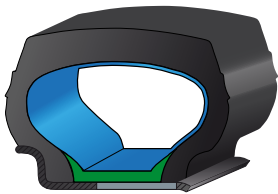
FLAP + TUBE SOLUTION



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	"8.25 R 15 Mining - X Mine D2 MH - XZM"	180 - 15	670236	8.25 - 15 MICHELIN Tube	SINGLE BEND	V3-02-07	507246
	6.5							
20	7	"9.00 R 20 MH - XZM Mining - X Mine D2"	185 - 20	907771	8.25 - 20 MICHELIN Tube	SINGLE BEND	V3-02-10	732152
	6.5							
	B6.5							
	7.0T							
	7							
	B7.0		200 - 20	299014				
	7.33V							
	B7.5	"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							
	7.33V							
	7.5							
	B7.5							
	8							
	B8.0							
	8.0V							
	8.00V							
	8.5							
	B8.5							
	8.50V							
	9							
	9.00V							
	10	"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
	10.00V							
	8							
	8.5							
	B8.5							
	8.5V							
	8.50V							
	9							
	9.00V							

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					SINGLE BEND	V3-02-3	
	10.00W	"14.00 R 24 XKA XKD1 XSM D2+"	-	-				
	9.00V				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	-	-	14.00 - 24 (Rubber King)	SINGLE BEND	"V5-04-1 TRJ650"	

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

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.

example 2: 25 YB AM

EXPLANATIONS 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

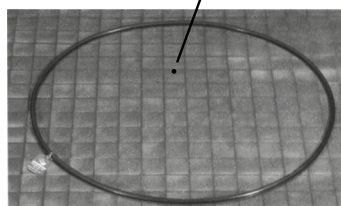
FOR FITTING ON MULTI-PIECES RIMS



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 X MINE 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 HEU- PO	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

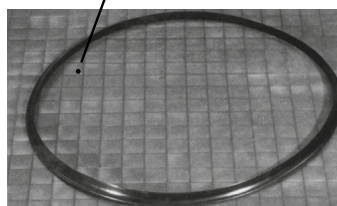
The first number is the section diameter of the seal:

- 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:

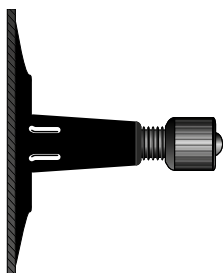
Approval for use of corner seals **MUST BE** obtained from Michelin.

VALVES AND ASSOCIATED ACCESSORIES

FOR MANUFACTURING AND WAREHOUSING TIRES AND RIMS

IN ALL CASES, THE VALVE CAP IS ESSENTIAL BECAUSE IT HELPS MAINTAIN THE CLEANLINESS OF THE MECHANISM AND ENSURE AIR TIGHTNESS OF THE VALVE.

CAR TUBE-TYPE STRAIGHT VALVE



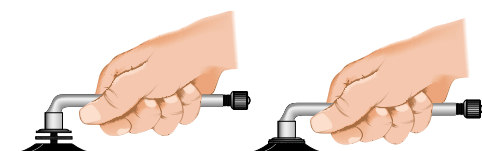
Michelin code	ETRTO code	Valve code	Valve hole Ø in mm
611	V2-01-2	TR 15	16
746	V2-01-1	TR 13	11.5

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

FITTING A UNIVERSAL VALVE ON A MICHELIN® TUBE WITH A VALVE BASE



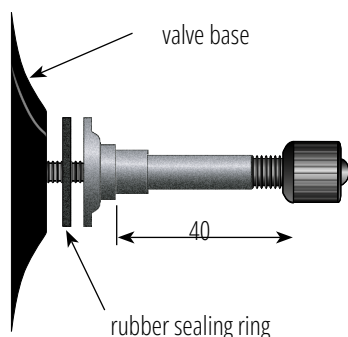
- 1 - Position the sealing ring on the valve.
The sealing ring must be clean and dry.
- 2 - Hand tighten the valve until it just touches the sealing ring.
- 3 - Tighten the valve for a further two turns.
- 4 - To orientate the valve in the desired position, tighten further.



IMPORTANT: never unscrew the valve to the desired position.

SMALL TRUCK UNIVERSAL STRAIGHT VALVE

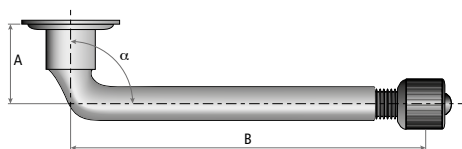
Fitted to MICHELIN® tubes for the occasional equipment Tube-Type on 5° and 15° non-U-taper, drop center rim.



Michelin code	ETRTO Designation	Valve hole Ø in mm	A	
			mm	inches
1964	/	9.7	40	1.57

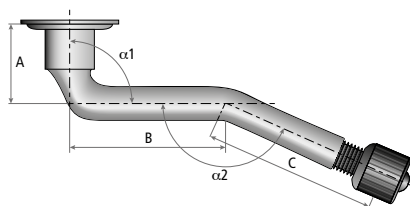
TRUCK-TYPE VALVE

TRUCK-TYPE, UNIVERSAL SINGLE-BEND VALVE



Michelin code	ETRTO Designation	A		B		α°
		mm	inches	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
752	V3-02-17	20,5	0.81	156,5	6.16	90
1012	V3-02-23	30	1.18	65	2.56	90
1021	V3-02-10	20,5	0.81	115	4.53	94
1156	V3-02-9	20,5	0.81	99,5	3.92	94
1157	V3-02-12	20,5	0.81	132	5.20	94
1158	V3-02-14	20,5	0.81	138,5	5.45	94

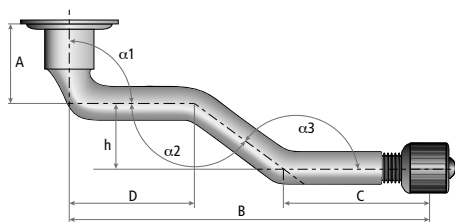
TRUCK-TYPE, UNIVERSAL DOUBLE-BEND VALVE



Michelin code	ETRTO Designation	$\alpha1^\circ$	$\alpha2^\circ$
578	V3-04-1	90	140

A		B		C	
mm	inches	mm	inches	mm	inches
20.5	0.81	32	1.26	37	1.46

TRUCK-TYPE, UNIVERSAL TRIPLE-BEND VALVE

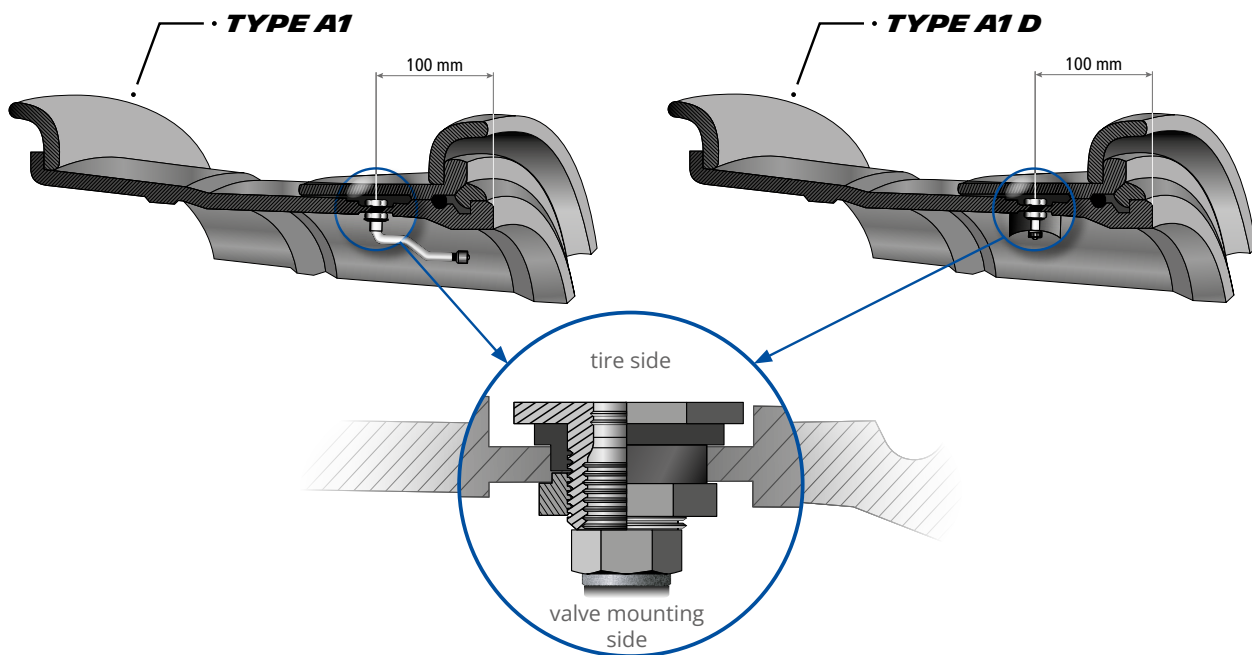


Michelin code	ETRTO Designation	$\alpha1^\circ$	$\alpha2^\circ$	$\alpha3^\circ$
582	V3-06-5	90	139	139

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

TYPES OF TUBELESS EARTHMOVER VALVES

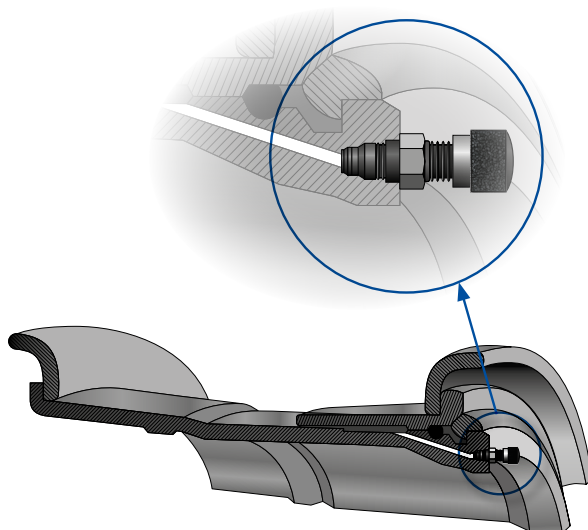
TYPE A1 VALVE



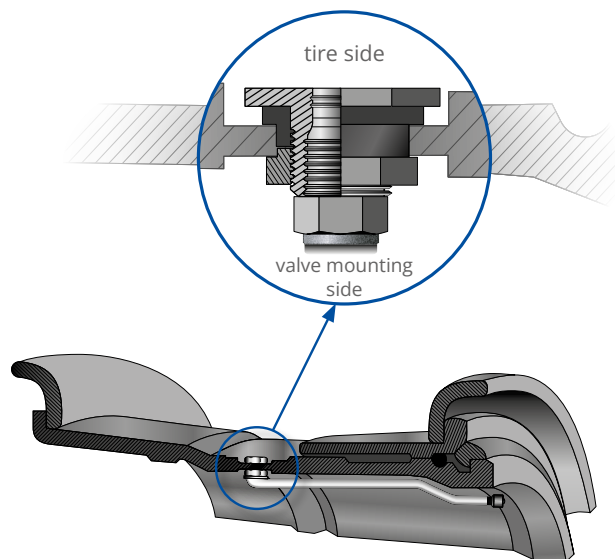
VALVE COMBINATION TYPE A4

Comprised of two TYPE A1 valves, both set at 100 mm from the rim edge, to enable water filling.

VALVE TYPE A2

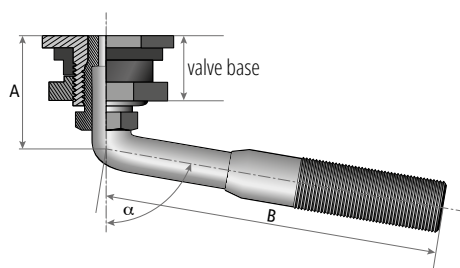


VALVE TYPE A3



EARTHMOVER TUBELESS VALVE

(AMERICAN, TRA STANDARD)



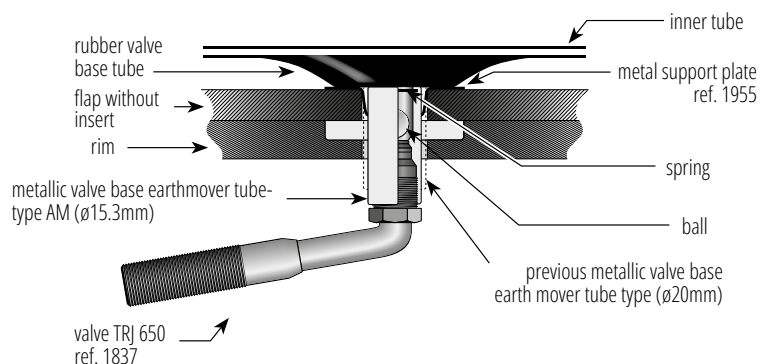
Michelin code	TRA code	ETRTO Designation	A		B		α°
			mm	inches	mm	inches	
R 1837	TRJ 650	V5-04-1	27	1.08	79	3.12	100°

Valves used on a SP2 American valve base
[20.5 mm (0.8 inch) diameter hole] and also on AM tubes.

VALVE BASE

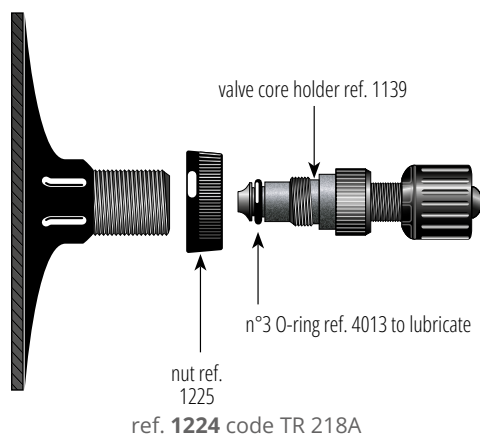
ACTUAL VALVE

(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



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.

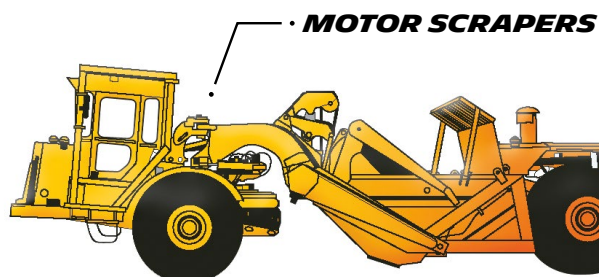
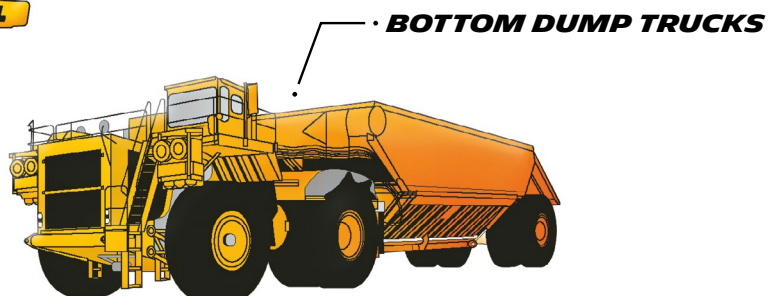
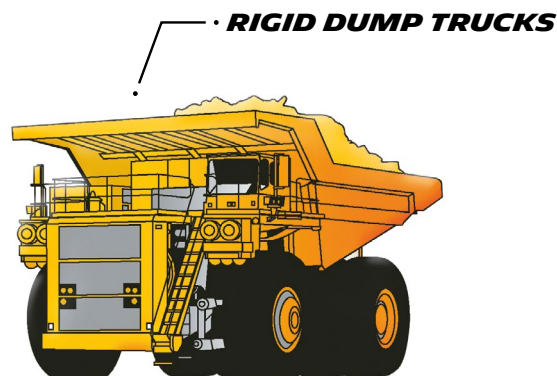
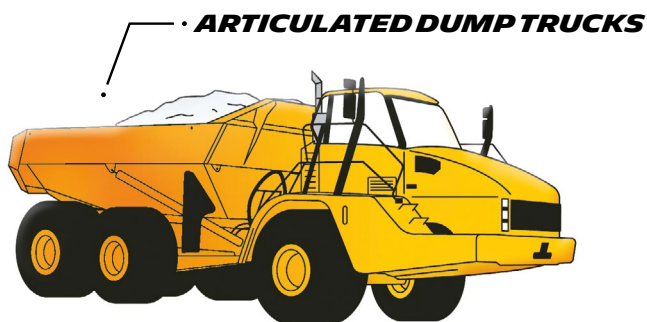
The following data needs to be established:

- 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

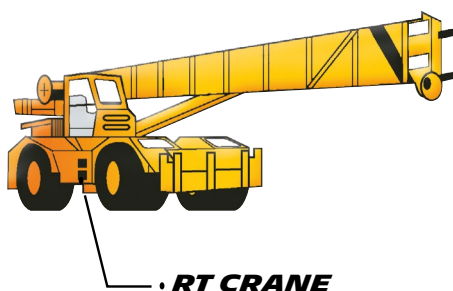


HELP WITH THE USE OF EARTHMOVER TIRES

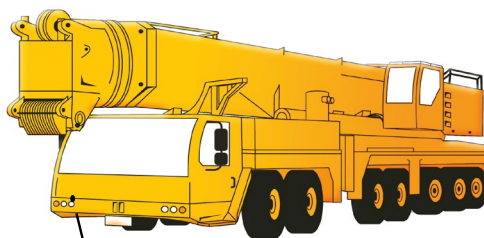
MICHELIN EARTHMOVER TIRES FOR MOBILE CRANES, SPECIAL APPLICATIONS, RAPID INTERVENTION VEHICLES (CIVIL AND MILITARY)

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).

MICHELIN EARTHMOVER TIRES FOR WORKING MACHINES: SURFACE LOADERS IN REHANDLING, PRODUCTION, EXTRACTION AND FACEWORK

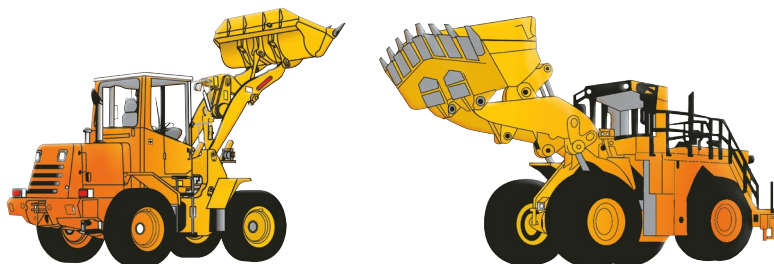
BASE PRESSURES

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 XXX.

Important

During long road trips (delivery, transfer from one site to another), special precautions are necessary.
For more information, please consult your Michelin Representative.

HELP WITH THE USE OF EARTHMOVER TIRES

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%
XTRA POWER L5 35/65 R33 L5**** 229A2 TL	169990 51910	≤ 32500 (71500)	9 (130)	8 km - 5 mi	-
		≤ 45000 (99000)	9 (130)	4 km - 2.4 mi	-
		≤ 80000 (176000)	9 (130)	stationary	Max 10%

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).



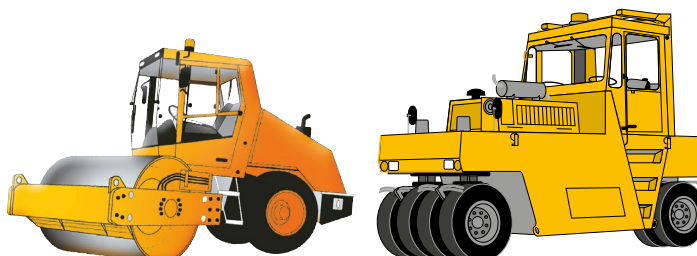
HELP WITH THE USE OF EARTHMOVER TIRES

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.

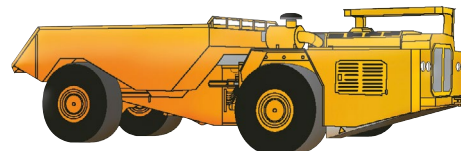
For Pavers: Load per axle on pneumatic tires = 30% machine weight + maximum load of the container bin/number of axles.

MICHELIN EARTHMOVER TIRES FOR UNDERGROUND MACHINES

HOW TO CALCULATE INFLATION PRESSURES

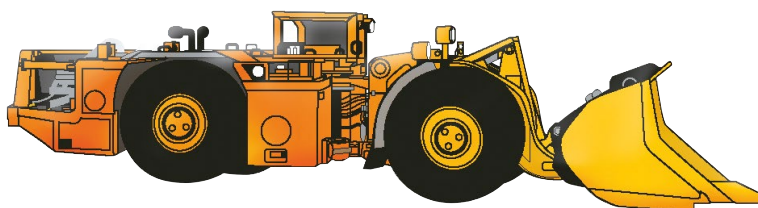
TRANSPORT MACHINES

- **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?

PROBLEMS THAT MAY ARISE

- How does the machine/tire combination behave?
(For example, traction)

• MACHINE OPERATION ON THE SITE

- Length of the cycle (laden trip/unladen trip)
- Maximum number of cycles during a working period or shift
- Duration of the working period or shift

TKPH (TMPH) definition:

The TKPH (Ton Kilometer Per Hour) or TMPH (Ton Mile Per Hour) is an expression of the working capacity of a 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.

The Qm 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 Qm 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 Qm, will nearly always be on the front axle.

BASIC SITE TKPH OR TMPH

This value reflects the specific requirements of a site and can be obtained by using the following formula:

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.

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.

TIRES FOR TRANSPORT MACHINES: TKPH (TMPH) METHOD

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 highest average speed, 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 if $T_A < 38^\circ\text{C}$ (100°F)

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

$$K2 = \frac{1}{1 - \frac{[0,25^* \times (T_A - T_R)]}{V_m}}$$


(*: Use 0.086 instead of 0.25 when calculating basic site TMPH)

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 (T_A) - 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,
 T_A is the ambient temperature, in $^\circ\text{C}$ for TKPH and in $^\circ\text{F}$ for TMPH
 T_R 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 $T_A > 38^\circ\text{C}$ (100°F)

$$K2 = \frac{1}{1 - \frac{[0,40^* \times (T_A - T_R)]}{V_m}}$$


(*: Use 0.138 instead of 0.40 when calculating basic site TMPH)

The ambient temperature of the site (T_A) to be taken into account is "the maximum temperature in the shade" during the hottest period.

For temperatures T_A greater than 15°C (59°F), use the K2 coefficients shown on the following pages.

For temperatures T_A 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) $\times$ K1 $\times$ 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.).

TIRES FOR TRANSPORT MACHINES: TKPH (TMPH) METHOD

EXAMPLE OF A SITE TKPH (TMPH) CALCULATION



The data to calculate the real site TKPH (TMPH) where a RDT is fitted with 37.00 R 57 tire is as follows:

- Well-kept but abrasive haul roads;
- Average payload: 180 tons (198.5 short ton); mine value
- Reference cycle: 21 km (12.8 miles);
- Unladen weight-Front: 64 tons (70.6 short ton)

- Duration of cycle: 1 hour 15 minutes ;
 $H = 1 + (15/60) = 1,25$ hour;
- Unladen weight-Rear: 57 tons (62.8 short ton)
- Ambient temperature: $TA = 42^{\circ}\text{C}$ (107.6°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:	$64 = 32$ tons 2	$70.6 = 35$ short tons 2
- Laden weight per tire – Front; Qc: (33.3% of GVW on front axle)	$301 \times 33.3 \sim 50$ tons 2×100	$332 \times 33.3 = 55$ short tons 2×100
- Average tire load, Qm Front:	$32 + 50 = 41$ tons 2	$35 + 55 = 45$ short tons 2
- Unladen weight per tire – Rear; Qv:	$57 = 14$ tons 4	$62.8 = 15.5$ short tons 4
- Laden weight per tire – Rear; Qc: (66.7% of GVW on rear axle)	$301 \times 66.7 \sim 50$ tons 4×100	$332 \times 66.7 = 55$ short tons 4×100
- Average tire load, Qm – Rear:	$14 + 50 = 32$ tons 2	$15.5 + 55 = 35$ short tons 2
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)

$TKPH (TMPH) = Qm \times Vm$	$41 \times 17 = 689$	$45 \times 10,6 = 459$
------------------------------	----------------------	------------------------

CALCULATION OF K1 COEFFICIENT

Beyond 5 km/h, the cycle length has an influence on the real site TKPH.

The cycle is greater than 5 km (3 miles), the coefficient K1 corresponding to 21 km (12.8 miles) which is the reference cycle starts, is: **1.19** (value on next page) for the calculation of TKPH and TMPH.

VALUE OF THE K2 COEFFICIENT

Ambient temperatures different of 38°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 $TA = 42^{\circ}\text{C}$ (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:

$K2 = \frac{1}{1 - \frac{0.40 \times (TA - TR)}{Vm}}$	$\frac{1}{1 - \frac{0.40 \times (42 - 38)}{16.8}} = 1.105$	$\frac{1}{1 - \frac{0.138 \times (107.6 - 100)}{10.2}} = 1.114$
---	--	---

(*: 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).

$689 \times 1.19 \times 1.105 = 906$	$459 \times 1.19 \times 1.114 = 608$
--------------------------------------	--------------------------------------

TIRE TKPH (TMPH)/REAL SITE TKPH (TMPH) COMPARISON

In the 37.00 R 57 XDR® size	the different tire TKPH values are:	the different tire TMPH values are:
	B4 = 848	B4 = 581
	B = 1018	B = 698
	C4 = 1145	C4 = 784
	C = 1272	C = 871

In our example, the B4 type is not suitable. All other types of compound are possible.

The tracks being abrasive and the loading and unloading areas being aggressive, the choice will be the B type.

TIRES FOR TRANSPORT MACHINES: TKPH (TMPH) METHOD

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	mi	x 1.6093	= km	kilometre	x 0.6214	= mi
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.

NOTES

[illegible]



**MICHELIN EARTHMOVER
SOLUTIONS**

DATA & ADVICE

2026 EDITION

HEADQUARTERS

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