

X-CRANE AT

Your cranes, always available to go further, for longer, in complete safety...



Improved machine availability

Higher level of safety

Optimisation of operating costs



X-CRANE AT



Your cranes, always available to go further, for longer, in complete safety...

SIZES	TREAD DEPTH	
	mm	32 nd inch
385/95 R 24 170F	23	29
385/95 R 25 TL 170F	23	29
445/95 R 25 TL 174F	25	32

➤ IMPROVED MACHINE AVAILABILITY - BETTER PRODUCTIVITY

- Regular wear guaranteed throughout the life of the tyre due to a new construction design
- Improved damage resistance
- Multipurpose use improved with asymmetric tread design



➤ HIGHER LEVEL OF SAFETY

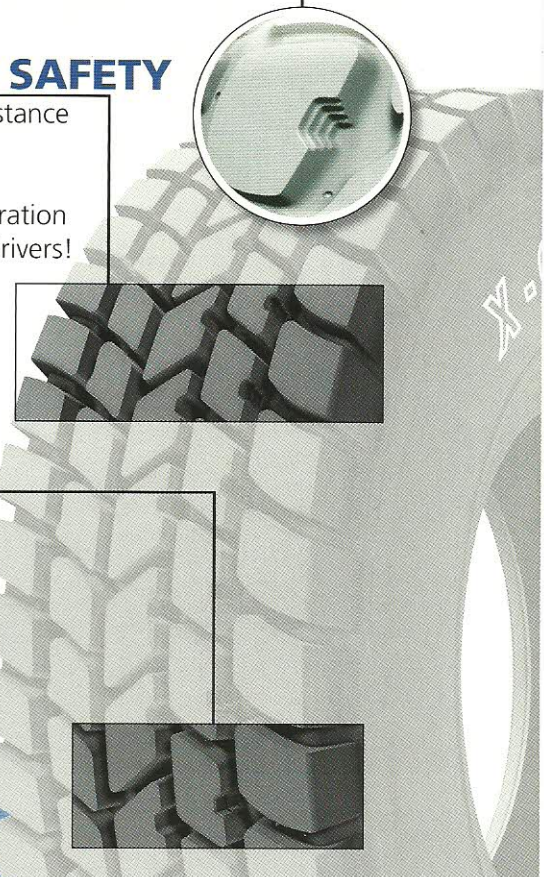
- Significant reduction of braking distance on wet surfaces
- Improved on road handling with an optimised tread pattern: reduced vibration and increased driving pleasure for your drivers!
- Speed index F allowing the nominale load capacity (#) of the tyre at a speed of 80km/h in complete safety.

➤ OPTIMISATION OF OPERATING COSTS

- Significant improvement of wear life (up to 20%) (##)
- Improved rolling resistance of 7% (##)

6,000kg for 385/95 R 24/25
6,700kg for 445/95 R 25

compared to XGC



REPAIRABLE AND TECHNICALLY REGROOVABLE

MICHELIN RECOMMENDATIONS

www.michelinearthmover.com

BENEFITS OF THE MICHELIN®
RADIAL TECHNIQUE

- longer tyre life
- better traction on all types of surface
- lower fuel consumption
- improved comfort
- increased resistance to punctures / flats
- increased heat resistance



MICHELIN X-CRANE +

Lifting your productivity to new heights



More profitable operations
Enhanced security
More environmentally friendly

MICHELIN X-CRANE +

Lifting your productivity

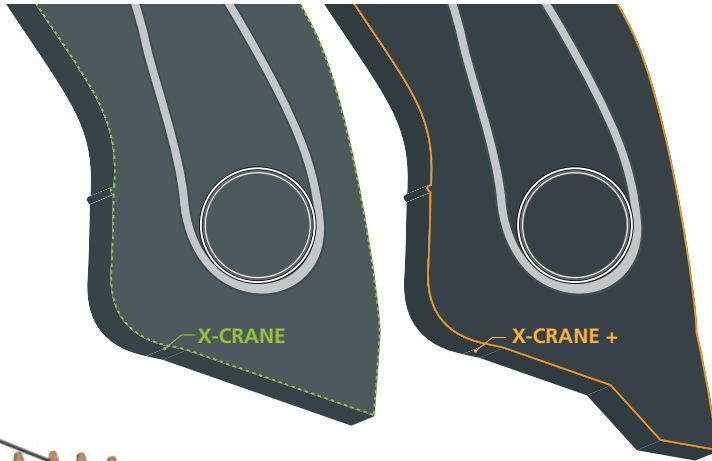
➤ MORE PROFITABLE OPERATIONS

■ LOWER OPERATING COSTS

- Wear life increased by up to 15% (#)
 - Thanks to a new, more resistant rubber compound in the tread

■ KEEP MACHINES OPERATING

- Easier to mount (#)
 - Thanks to the optimized geometry of the tyre/rim contact surface



(#) compared to the Michelin X-CRANE or XGC tyre depending on dimension

to new heights

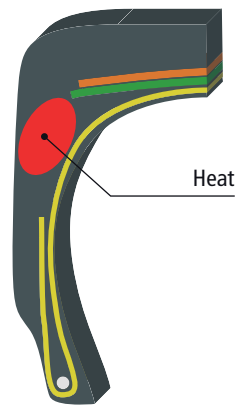
➔ ENHANCED SECURITY (#)

■ GREATER OPERATOR COMFORT

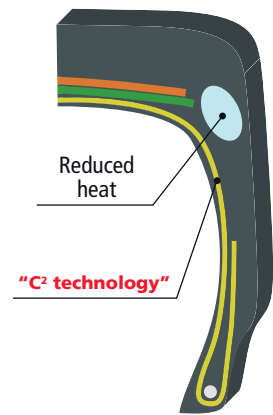
- Improvement in irregular wear patterns so that the crane generates fewer vibrations
- Thanks to a more rigid rubber compound in the tread

■ RELIABILITY

- Thanks to a better resistance of the cables
- Thanks to the C² Technology
- Thanks to a longer-lasting bead area



Standard design

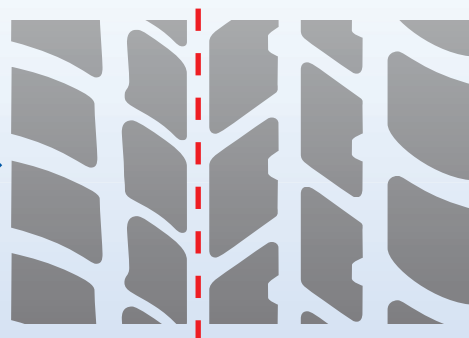


"C² technology"
(square design)

➔ BENEFITS OF THE X-CRANE THE HIGH-PERFORMANCE X-CRANE TREAD

- Shorter braking distances
- Greater versatility of use (roads and worksite approach routes) thanks to an asymmetric tread pattern
 - To derive fully benefit from the tread, the tyre should be mounted as indicated by the words "OUTSIDE VEHICLE FOR OPTIMUM HANDLING" on the tyre.

Inside:
small blocks
provide comfort
and precision handling



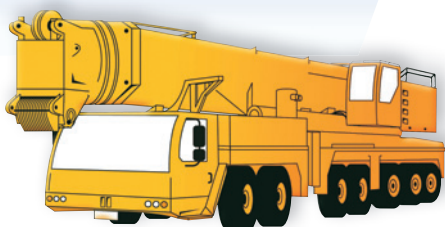
Outside:
large blocks
provide traction
on soft-ground
(worksite approach
roads)

MICHELIN X-CRANE +

Lifting your productivity to new heights

SIZE	TREAD DEPTH	
	mm	32 nd pouce
445/95 R 25 TL 174F (##)	25	32
525/80 R 25 TL 176F	28	35

(##) complies with STGO standards for the UK market;
STGO = Special Type General Order



➤ MORE ENVIRONMENTALLY FRIENDLY (#)

LESS WASTE

- Tyres can be regrooved
- Increased longevity up to 15%

FREE OF AROMATIC OILS

ISO 14001 CERTIFICATION

- Michelin tyres are manufactured in our ISO 14001 certified factories, where environmental impact has been reduced by more than 16% since 2005.

(Michelin Environmental Footprint)



REPAIRABLE AND TECHNICALLY REGROOVABLE TYRE

(#) compared to the Michelin X-CRANE or XGC tyre depending on dimension.

BENEFITS OF THE MICHELIN® RADIAL TECHNIQUE

- longer tyre life
- better traction on all types of surface
- lower fuel consumption
- improved comfort
- increased resistance to punctures / deflection
- increased heat resistance

www.michelinearthmover.com



MICHELIN X-SUPER TERRAIN AD

Increased productivity for your articulated dump trucks in the most demanding situations...

SIZES	TREAD DEPTH	
	mm	32 nd inch
20.5 R 25 TL 177 B (XADT)	44	55.4
23.5 R 25 TL 185 B	51	64
26.5 R 25 TL 193 B	54	68
29.5 R 25 TL 200 B	60	76

➤ INCREASED PRODUCTIVITY

- Improved machine mobility thanks to a deeper, more open tread pattern, facilitating self-cleaning:
 - 10% improved traction throughout the tyre's wear life
 - Improved lateral grip.



➤ MORE PROFITABILITY

- Reduction in tyre maintenance thanks to a new crown: thicker tread and deeper, more aggressive tread pattern:
 - Wear life increased between 5 and 10% (#).
 - Over 10% better resistance to damage (#) so reduced machine downtime.

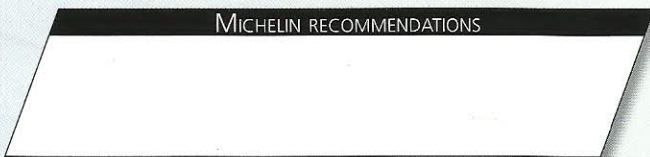
➤ IMPROVED WORKING CONDITIONS

- Optimised driver comfort due to the staggered design of the tread blocks:
 - Reduced vibrations due to gradual ground engagement
 - Comfort increased up to 10% (#).

compared with the XADT

REPAIRABILITY AND RETREADABILITY MAXIMIZED
THANKS TO THE EXTREME RELIABILITY OF THE CASING (##)

(##) provided that the worn tyre answers criteria of retreading and/or repair.



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BENEFITS OF THE MICHELIN®
RADIAL TECHNIQUE

- longer tyre life
- better traction on all types of surface
- lower fuel consumption
- improved comfort
- increased resistance to punctures / flats
- increased heat resistance



MICHELIN X-SUPER TERRAIN AD

Increased productivity for your articulated dump trucks in the most demanding situations...

Increased productivity

More profitability

Improved working conditions

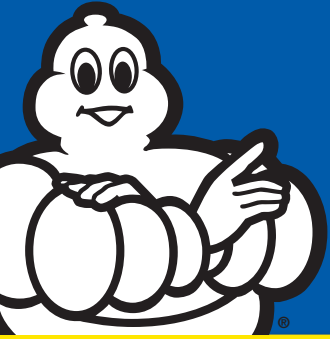


XDT™

GET ALL THE BENEFITS OF MICHELIN®
RADIAL TIRE TECHNOLOGY!

With the XDT™, you will get:

- Reduced wheel spin and improved traction
- Excellent resistance to damage
- Long, even-wearing tread pattern



THE TIRE OF CHOICE FOR:



RIGID DUMPERS



BOTTOM DUMP
TRUCKS



The Michelin® E4 radial tire for haul trucks designed to provide excellent adhesion and traction in severe conditions.

Exceptional Performance:

- Excellent traction and flotation; outstanding stability; enhanced operator comfort; less vehicle damage

Excellent Productivity:

- Cooler operating temperatures, less susceptibility to damage from impacts and penetrations

Low Operating Costs:

- Long-lasting, even-wearing tread pattern; durable with low rolling resistance for efficient fuel economy; easy to repair



XDT™

Reduced Wheel Spin and Improved Traction

Aggressive, deep tread pattern and wider footprint delivers excellent lateral and longitudinal traction in



Ability to Match Job Conditions

Special tread compounds: types A4, B and more.

SIZE

TREAD DEPTH

SIZE	TREAD DEPTH	
	32nds	MM
18.00R33	67	53
21.00R35	74	59
24.00R35	83	66
24.00R49	86	68
27.00R49	91	72
31/80R49	95	75
33.00R51	109	87

Strong, Flexible Low-Pressure Casing

Excellent Resistance to Damage

Improved square shoulder and sidewall design offer more protection.

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

www.michelinearthmover.com

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MEL41549 (Rev 6/06)



MICHELIN XGLA2

An L2/G2 tyre for medium power graders
(up to 200 kW)

Traction

Adhesion

Operating costs



MICHELIN XGLA2

An L2/G2 tyre for medium power graders (up to 200 kW)

SIZES	TREAD DEPTH	
	mm	32 nd inch
14.00 R 24 TL *	25	31,5
16.00 R 24 TL *	27	34

➤ TRACTION

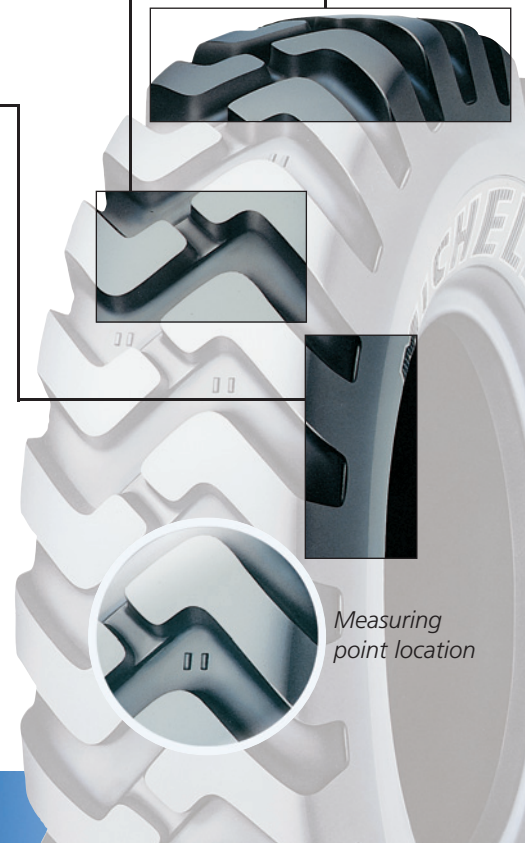
■ An aggressive tread pattern, formed from many non directional blocks, provides a high tractive capability on unstable and on muddy soils.

➤ ADHESION

■ With an aggressive pattern and high void to block ratio, an excellent adhesion is assured

➤ OPERATING COSTS

■ A specific sidewall design protects against damage and abrasion reducing the number of machine immobilisations



855 200 507 RCS Clermont-Ferrand
Edition 6688 Gb (2009-02) - Ref. 0508154
fusium F16847 - Tél. 04 73 73 25 25

REPAIRABILITY AND RETREADABILITY MAXIMIZED THANKS TO THE EXTREME RELIABILITY OF THE CASING (##)

(##) provided that the worn tyre answers criteria of retreading and/or repair.



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BENEFITS OF THE MICHELIN® RADIAL TECHNIQUE

- longer tyre life
- better traction on all types of surface
- lower fuel consumption
- improved comfort
- increased resistance to punctures / flats
- increased heat resistance



MICHELIN XHD1 **

Deep tread traction tyre for rigid dump truck
in quarrying and harsh mining conditions

Productivity

Longevity

Robustness



MICHELIN XHD1 **

Deep tread traction tyre for rigid dump truck in quarrying and harsh mining conditions

SIZE	TREAD DEPTH	
	mm	32 nd inch
14.00 R 25 XHD1 A TL **	38	48
16.00 R 25 XHD1 A TL **	47	59
18.00 R 25 XHD1 A TL **	47	59

➤ PRODUCTIVITY

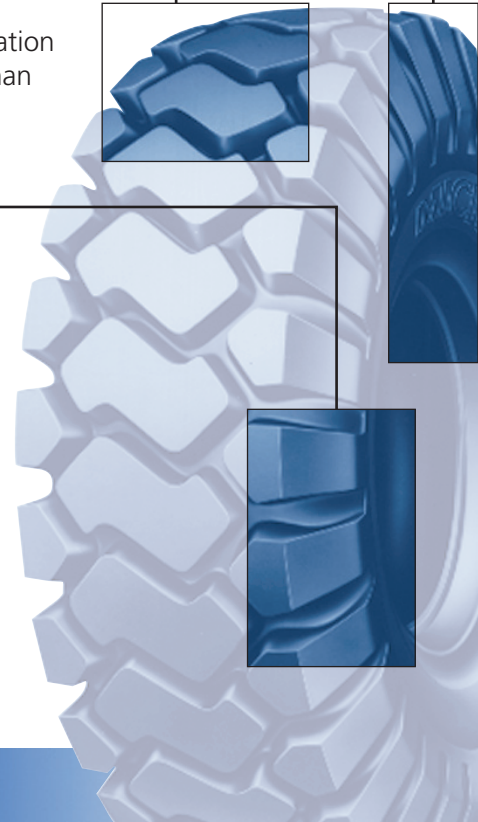
■ In mines and quarries all around the world, the MICHELIN XHD1 have gained a powerful reputation for reliability and endurance. Its deep tread designed for traction allow you to work in any haul road conditions.

➤ LONGEVITY

■ Tread depth and optimised ground contact area, combined with our long experience of tread compound optimisation make MICHELIN XHD1 tire last longer than any other conventional tire.

➤ ROBUSTNESS

■ Sidewall reinforcement protects the tire against cutting and abrasion on the toughest haul roads.



855 200 507 RCS Clermont-Ferrand
Edition Gb (2010-10) - Ref. 0509285
fusium f21338 - Tél. 04 73 73 25 25

REPAIRABILITY AND RETREADABILITY MAXIMIZED THANKS TO THE EXTREME RELIABILITY OF THE CASING (##)

(##) provided that the worn tyre passed successfully a specific detailed inspection.
For further information on these controls and checks, to consult your usual Michelin representative.

BENEFITS OF THE MICHELIN® RADIAL TECHNIQUE

- longer tyre life
- better traction on all types of surface
- lower fuel consumption
- improved comfort
- increased resistance to punctures / flats
- increased heat resistance



MICHELIN X LC

A slick radial tyre for compactors, G1 ⁽¹⁾

Excellent finishing

Reduction in machine downtime

Reduction in operating cost



MICHELIN X LC

A slick radial tyre for compactors, C1 ⁽¹⁾

SIZES	TREAD DEPTH	
	mm	32 nd inch
7.50 R 15	9	11.3
E 20 Pilote (13/80 R 20)	12	15.1
14.00 R 24	18	22.7
15.00 R 24 Pilote (17/80 R 24)	21	26.5

➤ EXCELLENT FINISHING

- Even contact pressure throughout the contact area because of the radial construction
- No traces left because of the smooth tread pattern and rounded shoulders

➤ REDUCTION IN MACHINE DOWNTIME

- The specialised design of the crown gives an excellent resistance to heat emitted from the coatings being rolled
- Robust tread and shoulders give more resistance to cuts and perforations

➤ REDUCTION IN OPERATING COST

- Michelin radial structure improves tyre life
- Wear indicators in the tyre tread facilitate tread wear assessment

⁽¹⁾ C1 : C: compactor tyre
1: smooth tyre

REPAIRABILITY AND RETREADABILITY MAXIMIZED THANKS TO THE EXTREME RELIABILITY OF THE CASING (##)

(##) provided that the worn tyre answers criteria of retreading and/or repair.

MICHELIN RECOMMENDATIONS

www.michelinearthmover.com

BENEFITS OF THE MICHELIN®
RADIAL TECHNIQUE

- longer tyre life
- better traction on all types of surface
- lower fuel consumption
- improved comfort
- increased resistance to punctures / flats
- increased heat resistance



MICHELIN XHA2

NEW!

The new generation XHA,
the MICHELIN reference for L3 loaders.

Enhanced **PRODUCTIVITY** ⁽¹⁾

Enhanced **SAFETY** ⁽¹⁾

Enhanced **COMFORT** ⁽¹⁾

Better **For THE ENVIRONMENT** ⁽¹⁾



(1) compared to XHA

MICHELIN XHA2



➤ SAME EXCELLENT MOBILITY AND TRACTION AS XHA

➤ COMPATIBLE WITH XHA

➤ NON DIRECTIONAL TREAD PATTERN

RANGE FOR L3 LOADERS

SIZES	TREAD DEPTH	
	Mm	32 rd inch
15.5 R 25 XHA TL *	26	32.8
17.5 R 25 XHA TL *	29	36.5
20.5 R 25 XHA2 TL * 186 A2	33	42
23.5 R 25 XHA2 TL * 195 A2	36	45
26.5 R 25 XHA2 TL ** 209 A2	41	52
29.5 R 25 XHA2 TL ** 211 A2	43	54



MAXIMISED RETREADABILITY THANKS TO THE EXTREMELY ROBUST CASING (##)

(##) on the condition that the tire respects retreading and/or repair criteria.

MICHELIN RECOMMENDATIONS

www.michelinearthmover.com

BENEFITS OF THE MICHELIN RADIAL TECHNIQUE®

- increased resistance to punctures / flats
- longer tyre life
- improved comfort
- lower fuel consumption
- better traction on all types of surface
- increased heat resistance

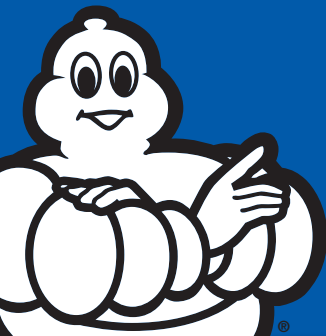


XGC®

GET ALL THE BENEFITS OF MICHELIN®
RADIAL TIRE TECHNOLOGY!

With the XGC®, you will get:

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



THE TIRE OF CHOICE FOR:



MOBILE CRANES



TRUCKS – TRAILERS



FLATBEDS



FIRE AND
RESCUE



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

Exceptional Performance:

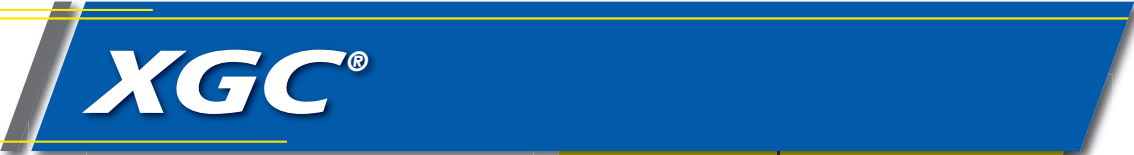
- Excellent traction and flotation; outstanding stability; enhanced operator comfort; less vehicle damage

Excellent Productivity:

- Resistance to impacts and cuts means fewer flats

Low Operating Costs:

- Long-lasting, even-wearing tread pattern; durable with low rolling resistance for efficient fuel economy; easy to repair



Exceptional Comfort
The non-directional tread design improves operator comfort by reducing road noise and delivering precise handling response.



High-Speed Capabilities
Special "C" compound and small block tread design gives the XGC® high-speed capabilities.

SIZE	TREAD DEPTH	
	32nds	MM
Tubeless		
445/80R25 (17.5R25)	35	28
525/80R25 (20.5R25)	39	31

On- and Off-Highway Use
The aggressive, self-cleaning tread design provides excellent traction in tough, demanding job-site conditions.

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

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MEL41540 (Rev 10/06)



MICHELIN XLDD2

The tyre for loaders operating in difficult conditions

Exceptional traction

Productivity

Operating comfort



MICHELIN XLDD2



The tyre for loaders operating in difficult conditions

SIZE	TREAD DEPTH			
	In XLDD2		In XLDD1 (#)	
	mm	32 nd inch	mm	32 nd inch
17.5 R 25 TL *	63	79.4		
20.5 R 25 TL *	72	90.7		
23.5 R 25 TL *	77	97		
26.5 R 25 TL *	87	109.6	53	66.8
29.5 R 25 TL *	95	119.7	58	73.1
29.5 R 29 TL *	95	119.7		
35/65 R 33 TL **	97	122.2	60	75.6
45/65 R 39 TL **	115	144.9		
45/65 R 45 TL *	115	144.9	71	89.4

(#) also available in XLDD1 L4 for use in less abrasive conditions

➤ EXCEPTIONAL TRACTION

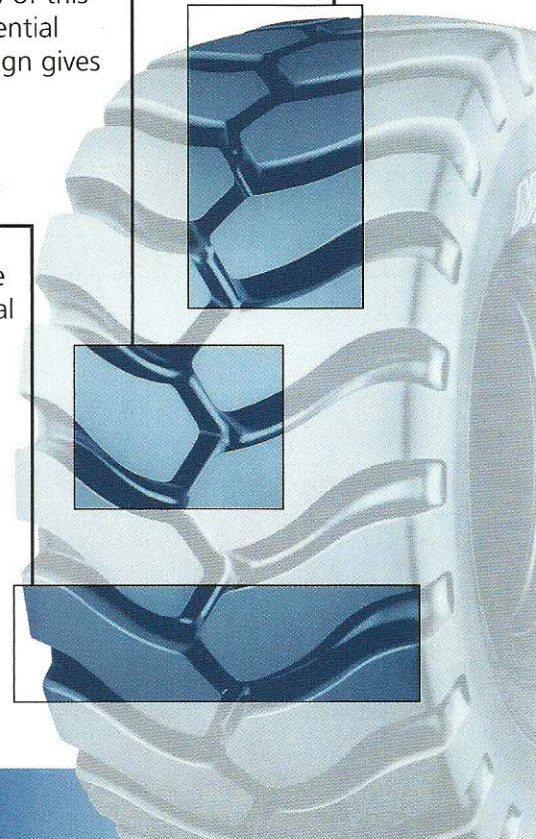
- Massive tread blocks characterise this tyre
- Aggressive and open in the tread centre, it delivers excellent tractive performance, better lateral adhesion and more efficient loading for machines working at the face

➤ PRODUCTIVITY

- The extra deep tread pattern (L5) of this tyre gives outstanding wear life potential
- The sidewall/tread intersection design gives an excellent level of damage and cut resistance

➤ OPERATING COMFORT

- Offset tread blocks come into contact with the ground progressively and therefore guarantee a comfortable ride and mechanical protection for the machine
- A wide, square tread gives better stability in loading operations and whilst travelling



REPAIRABILITY AND RETREADABILITY MAXIMIZED THANKS TO THE EXTREME RELIABILITY OF THE CASING (##)

(##) provided that the worn tyre answers criteria of retreading and/or repair.

BENEFITS OF THE MICHELIN® RADIAL TECHNIQUE

- longer tyre life
- better traction on all types of surface
- lower fuel consumption
- improved comfort
- increased resistance to punctures / flats
- increased heat resistance



MICHELIN XSMD2+

The L5S tyre for loaders working in mines
in the most difficult conditions

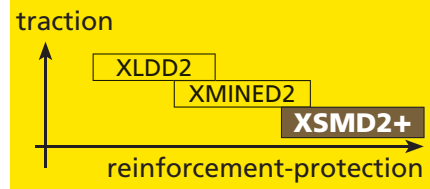
Productivity

Security

Simplified maintenance

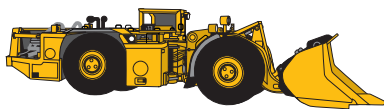


MICHELIN XSMD2+



The L5S tyre for loaders working in mines in the most difficult conditions

SIZES	TREAD DEPTH	
	mm	32 nd inch
12.00 R 24 TL	57	71.8
14.00 R 24 TL	58	73.1
17.5 R 25 TL	78	98.3
18.00 R 25 TL	96	120.9
20.5 R 25 TL	78	98.3
23.5 R 25 TL	88	110.9
26.5 R 25 TL	102	128.5
29.5 R 29 TL	112	141.1
35/65 R 33 TL	97	122.2



➤ PRODUCTIVITY

■ It's extremely smooth deep tread and robust shoulders with sidewall protection ensure an excellent defence against shock ruptures and accidental damage together with excellent tread tearing resistance

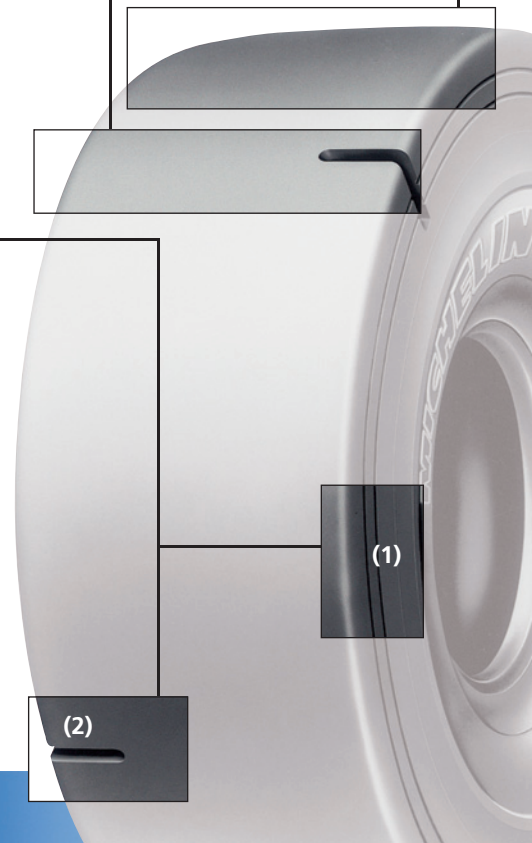
➤ SECURITY

■ The wide substantial tread specifically formulated to give an excellent level of adhesion in the most difficult conditions of use

➤ SIMPLIFIED MAINTENANCE

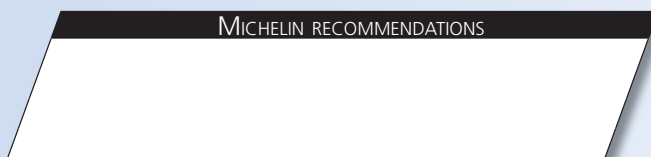
■ Practical and very clearly visible wear indicators integrated into the tyre

- (1) : on the sidewall for 33 to 45 diameter
- (2) : on the shoulder for sizes < 33 diameter



REPAIRABILITY AND RETREADABILITY MAXIMIZED THANKS TO THE EXTREME RELIABILITY OF THE CASING (##)

(##) provided that the worn tyre answers criteria of retreading and/or repair.



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BENEFITS OF THE MICHELIN® RADIAL TECHNIQUE

- longer tyre life
- better traction on all types of surface
- lower fuel consumption
- improved comfort
- increased resistance to punctures / flats
- increased heat resistance



MICHELIN X-MINE D2

The L5R tyre for extreme loading conditions

Exceptionally robust
in masacre conditions

Excellent compromise
of adhesion and traction



MICHELIN X-MINE D2



The L5R tyre for extreme loading conditions

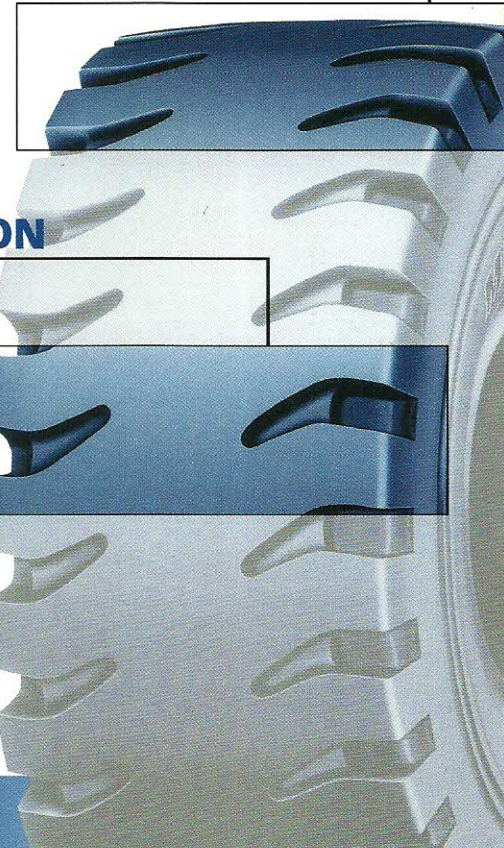
SIZES	TREAD DEPTH	
	mm	32 nd inch
7.50 R 15 TT	46	58
8.25 R 15 TT	48	60.5
10.00 R 15 TT	48	60.5
350/65 R 15 TL	36	45.4
400/80 R 15 TL	34	42.8
14.5 R 15 TL	48	60.5
9.00 R 20 TT	51	64.3
12.00 R 20 TT	57	71.8
14.00 R 20 TL	48	60.5
12.00 R 24 TL	57	71.8
15.5 R 25 TL	60	75.6
16.00 R 25 TL	73	92
17.5 R 25 TL **	65	81.9
18.00 R 25 TL **	82	103.3
20.5 R 25 TL **	74	93.2
23.5 R 25 TL **	83	104.6
26.5 R 25 TL	91	114.6
29.5 R 25 TL	100	126
29.5 R 29 TL	100	126
35/65 R 33 TL **	93	117.2
45/65 R 39 L5R TL **	116	146.1
45/65 R 45 L5R TL **	116	146.1
55/80 R 57 L5R TL * (#)	119	149.9
60/80 R 57 L5R TL * (#)	118	148.7
50/65 R 51 HR TL **	116	146
50/65 R 51 SR TL **	116	146

➤ EXCEPTIONALLY ROBUST IN MASACRE CONDITIONS

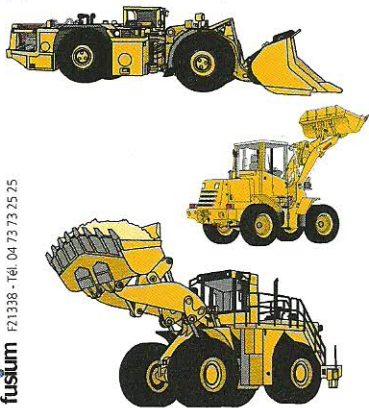
- A substantial crown, robust shoulders reinforced with a protection band make up a tyre particularly resistant to shock ruptures, cuts and tread tearing
- A particularly resilient casing with the addition of several specific steel belts constitute a tyre that is very resistant to punctures

➤ EXCELLENT COMPROMISE OF ADHESION AND TRACTION

- A very substantial, wide and aggressive tread functions perfectly to produce a good compromise between adhesion, traction and damage resistance



(#) available in LC L5R, SR L5R and HR L5R



REPAIRABILITY AND RETREADABILITY MAXIMIZED THANKS TO THE EXTREME RELIABILITY OF THE CASING (##)

(##) provided that the worn tyre answers criteria of retreading and/or repair.

BENEFITS OF THE MICHELIN® RADIAL TECHNIQUE

- longer tyre life
- better traction on all types of surface
- lower fuel consumption
- improved comfort
- increased resistance to punctures / flats
- increased heat resistance



MICHELIN XADN

The E3T⁽¹⁾ transport tyre for articulated dump trucks,
the reference in the market

Traction / flotation

Very good lateral adhesion

Protection against accidental damage



MICHELIN XADN

The E3T⁽¹⁾ transport tyre for articulated dump trucks, the reference in the market

SIZES	TREAD DEPTH	
	mm	32 rd inch
20.5 R 25 E3T TL 177B	36	45.4
23.5 R 25 E3T TL 185B	38	47.9
26.5 R 25 E3T TL 193B	41	51.7
29.5 R 25 E3T TL 200B	44	55.4

➤ TRACTION / FLOTATION

■ A multi-block tread pattern with multi-edged blocks and a shoulder built up of alternating blocks provides very good flotation and excellent traction on yielding terrain.

➤ VERY GOOD LATERAL ADHESION

■ A very aggressive multi-block self cleaning tread pattern with alternating blocks on the shoulders gives exceptional adhesion on soft and/or muddy soils.

➤ PROTECTION AGAINST ACCIDENTAL DAMAGE

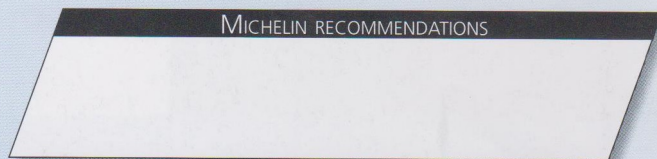
■ A protective band placed on the junction of the sidewall and tread gives excellent protection against accidental damage.



⁽¹⁾ E3T E : transport tyre
3 : tread depth
T : traction

REPAIRABILITY AND RETREADABILITY MAXIMIZED THANKS TO THE EXTREME RELIABILITY OF THE CASING (##)

(##) provided that the worn tyre answers criteria of retreading and/or repair.



www.michelinearthmover.com

BENEFITS OF THE MICHELIN®
RADIAL TECHNIQUE

- longer tyre life
- better traction on all types of surface
- lower fuel consumption
- improved comfort
- increased resistance to punctures / flats
- increased heat resistance



MICHELIN XZM Stabi'X

The tyre for material handling in ports
and intermodal centres

Increased productivity
and reinforced safety

Driving ease

Operator comfort




MICHELIN XZM Stabil'X

The tyre for material handling in ports and intermodal centres

SIZES	TREAD DEPTH	
	mm	32 rd inch
9.00 R 20 XZM STABIL'X TL 160 A5	33	42
10.00 R 20 XZM STABIL'X TL 166 A5	35	44
11.00 R 20 XZM STABIL'X TL 169 A5	38	48
12.00 R 20 XZM STABIL'X TL 176 A5	40	50
12.00 R 24 XZM STABIL'X TL 178 A5	40	50
14.00 R 24 XZM STABIL'X TL 193 A5 (#)	63	79
16.00 R 25 XZM STABIL'X TL 200 A5 (#)(##)	71	89

(#): maximum speed must not exceed 25 km/h



 All sizes comply with International standards currently in force regarding antistatic properties. For use in all industries where there is a risk of combustion or explosion: chemical, petrochemical, paint, ...

➤ INCREASED PRODUCTIVITY AND REINFORCED SAFETY

- The design of the crown, protection of the sidewalls and massive tread blocks give a tough resistance to shock ruptures and accidental damage and therefore guarantee a reduction in machine downtime
- The specific rubber compounds allow the tyre, in spite of substantial rubber thicknesses, to travel 15 km in the hour at a maximum speed of 40 km/h.

➤ DRIVING EASE

- A wide, stable tread gives good manoeuvrability, driving ease and precision appreciated by operators.

➤ OPERATOR COMFORT

- A supple casing absorbs surface undulations and gives excellent protection to the machine and the loads it transports
- A better distribution of tread blocks (offset with an optimised design) guarantees a progressive placing of tread blocks on the ground, reducing vibrations and giving better comfort to the operator and machine.

For possible specific conditions of use, to consult your usual MICHELIN representative

REPAIRABILITY AND RETREADABILITY MAXIMIZED
THANKS TO THE EXTREME RELIABILITY OF THE CASING (##)

(##) provided that the worn tyre answers criteria of retreading and/or repair and, for 25" tyre, passed successfully a specific detailed inspection NDT (NonDestructive Testing). For further information on these controls and checks, to consult your usual Michelin representative.

MICHELIN RECOMMENDATIONS

www.michelinearthmover.com

BENEFITS OF THE MICHELIN®
RADIAL TECHNIQUE

- longer tyre life
- better traction on all types of surface
- lower fuel consumption
- improved comfort
- increased resistance to punctures / flats
- increased heat resistance



3 / ENVIRONMENT

► Cleaner manufacturing process

- All our Earthmover factories are ISO 14001 certified
- Michelin environmental impact has been reduced by 22% since 2005



► Environmentally-friendly tyre design

- Free of aromatic oils

► Fewer raw materials consumed

- Longer lasting tyre
- Better repairability and retreadability due to Michelin casing



Sizes available	Tread depth		TKPH	TMPH
	mm	32 ^{ème} inches		
26,5 R 25 XXXL E4R TL****	54	68	180	123
29,5 R 25 XXXL E4R TL****	59	74	220	151
35/65 R 33 XXXL E4R TL****	60	76	250	171

BENEFITS OF THE MICHELIN® RADIAL TECHNIQUE

- Longer tyre life
- Better traction on all types of surface
- Lower fuel consumption
- Improved comfort
- Increased resistance to punctures / flats
- Increased heat resistance

MICHELIN XXXL tyres Strengthen your productivity.



Design: © P&C H. 2012-2013-2014-2015-2016-2017-2018-2019-2020-2021-2022-2023-2024-2025 Illustration: In Efecto - Gerónimo

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MICHELIN XXXL tyres
Profitability • Safety • Environment





Profitability • Safety • Environment

MICHELIN XTXL tyres Strengthen your productivity.

1 / PRODUCTIVITY

► Up to 10% more tyre life^(#)

- More rubber, better distributed on the whole sculpture
- Thermal build up controlled thanks to the cooling system

Massive Lugs and Cut-Resistant Center
Provide tread robustness and superior crown protection, and increased service life

Wide Channels and Grooves
Provide traction and grip on angled surfaces and loose ground conditions

Cooling System
Sculpted shoulder blocks reduce thermal buildup

Sidewall Protection Ribs
Reinforce the sidewall, increasing shock and abrasion resistance

► Up to 20% increased resistance to aggressions^(#)

- Robust design, inside and out

Cooling undertread layer
Reduced thermal buildup under the solid center tread^(##)

+20% Increased Puncture Resistance
Reinforced Steel Crown Belt Package for superior protection against punctures and impacts

+20% Increased Load Capacity
Reinforced casing ply allows higher pressure and load capacity

► 20% increased load capacity^(#)

Reinforced casing

- Allows greater inflation pressures and higher load capacity
- Improves robustness and protection against crown and sidewall impact



+20% Puncture Resistance and Load Capacity = Improved safety and profitability

2 / SAFETY AND COMFORT

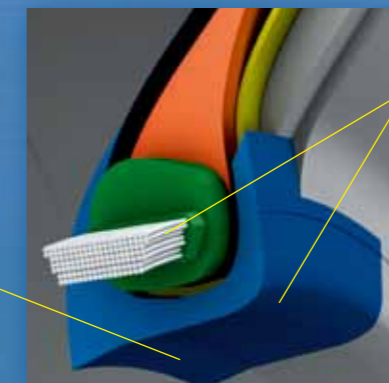
► Strengthened bead area

- Thanks to B² technology

B² technology

Reinforced bead zone
(patent pending)
Improves bead endurance, increasing total tyre life and machine availability (uptime)

Optimized bead design
Improves the angle and contact points of the bead during the mounting process, increasing safety and security



+30% wider metallic bead bundle and bead contact area

Improves the clamping force to the wheel and pressure distribution, allowing up to 20% more torque through the tyre/rim interface*

► Improved tyre mounting

- Adapted contact area
 - > Better positioning on the rim
- Bead wire, equipped with B² technology
 - > Better pressure distribution through the tyre/rim interface

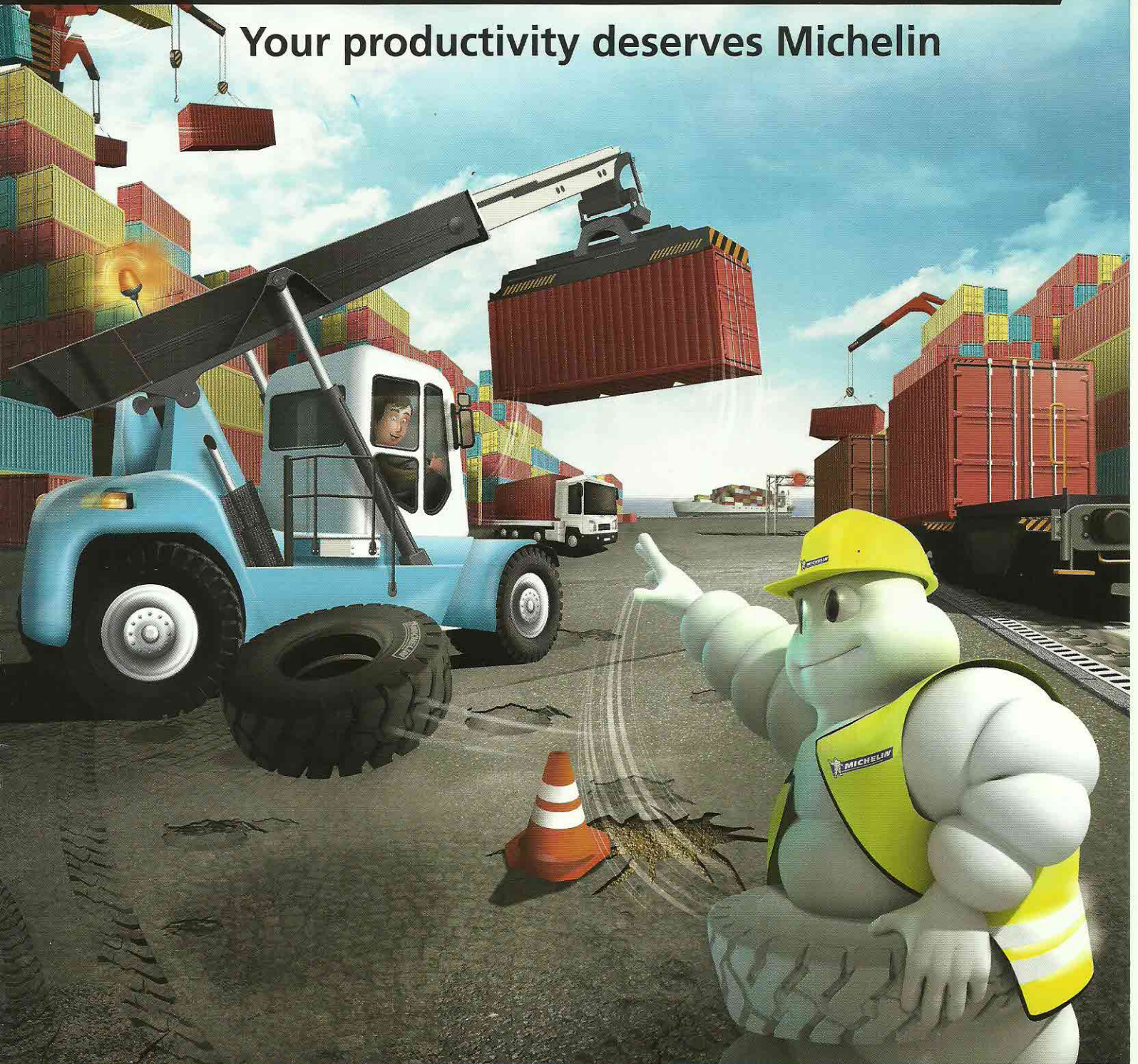


[#]Comparisons versus MICHELIN XLDD1 in underground application

^{##}Depending on tyre sizes

MICHELIN® XZM2™+

Your productivity deserves Michelin

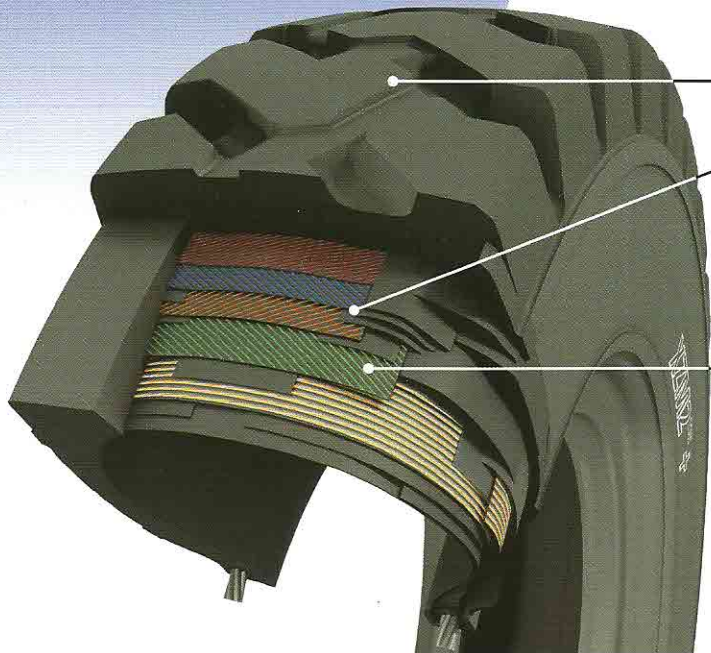


Productivity
Strength
Comfort

MICHELIN® XZM2™+

Your productivity

➤ STRENGTH



REINFORCED CROWN ARCHITECTURE

- Innovative rubber compounds
- Cords up to 50% thicker (#) on crown plies
- One tread pattern for all axles

HIGHLY RESISTANT TO IMPACT AND PUNCTURE

- 5 steel plies instead of the fabric plies used in BIAS-ply tires

EXCEPTIONAL LATERAL STABILITY

- The rubber coating on the steel crown plies is 100% more rigid (#)
- Perfectly suited for Reach Stacker use



BEAD PROTECTED FROM AGGRESSION

- Steel cords around the bead and along the sidewall
- Up to 10mm protective rubber at the bead level
- Improved safety



deserves *Michelin* tires



➤ PRODUCTIVITY

15% LONGER SERVICE LIFE (#)

- Massive tread
- Wear-resistant, low abrasion rubber
- Reduced downtime

EXTENSIVE SPEED CAPABILITY

- Maximum speed of 25 kph (15 mph)
- 10 kilometers (6 miles) per hour capability
- Exceptional productivity

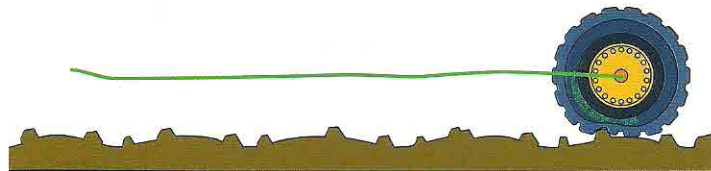
➤ COMFORT

EXTENSIVE STABILITY

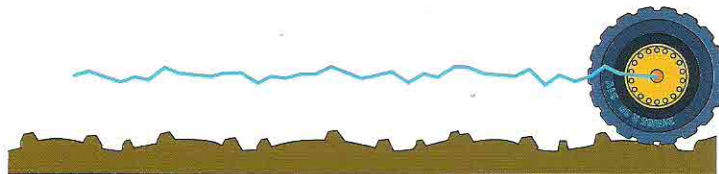
- Wide, rigid tread
- Greater maneuverability when loading and unloading

RADIAL TECHNOLOGY

- The tire structure absorbs ground irregularities:
- Pleasant working conditions
- Protection of the equipment and goods carried



MICHELIN XZM2™ + radial tire



Bias-ply tires

Compared with the same sized MICHELIN XZM tire under normal use.

MICHELIN® XZM2™+

SIZES	TREAD DEPTH	
	mm	32" inche
18.00 R 25 XZM2™+ TL 207A5	78	98.3
18.00 R 33 XZM2™+ TL 214 A5	78	98.3

More environmentally-friendly

➤ LONGER SERVICE LIFE

You use fewer tires to carry the same number of loads

➤ TIRE DOES NOT CONTAIN AROMATIC OIL

➤ THE MICHELIN GROUP COMMITMENT

- All our manufacturing plants have ISO 14001 certification
- Impact on the environment reduced by 22% since 2005.



All sizes comply with International standards currently in force regarding antistatic properties. For use in all industries where there is a risk of combustion or explosion: chemical, petrochemical, paint, ...



MICHELIN RECOMMENDATIONS



MICHELIN XZM

The tyre specifically for lift trucks
up to 16 tonnes

Reduced operating costs

Productivity gains
and improved safety

Comfort



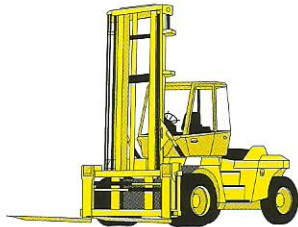
MICHELIN XZM

The tyre specifically for lift trucks up to 16 tonnes



➤ REDUCED OPERATING COSTS

- The operating cost of a lift truck decreases significantly with a Michelin XZM radial tyre that has at least a twice better lifetime than premium pneumatic shaped solid in the same operating conditions.
- The Michelin XZM will always retain the same LONG LIFE ADVANTAGE irrespective of the types of surface it operates on.
- Energy consumption is reduced due to the lower internal losses within the tyre.



➤ PRODUCTIVITY GAINS AND IMPROVED SAFETY

- The robustness of the crown, sidewalls and the well defined sturdy tread blocks result in a superb resistance to ruptures and damage and guarantee less downtime for the machine
- Radial technology contributes to reduced cycle times as a result of better grip
- The specialized rubber types for this application allow travel distances up to 15 km in an hour with a peak speed of 35 km/h even with a very robust construction



➤ COMFORT

- The radial structure absorbs surface irregularities, ensures good protection both for the machine and goods being carried and provides better comfort for the operator.



All sizes comply with International standards currently in force regarding antistatic properties. For use in all industries where there is a risk of combustion or explosion: chemical, petrochemical, paint, ...



MICHELIN

A better way forward