MICHELIN® EARTHMOVER PRODUCT CATALOG

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

MICHELIN

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

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

This is an international classification:

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

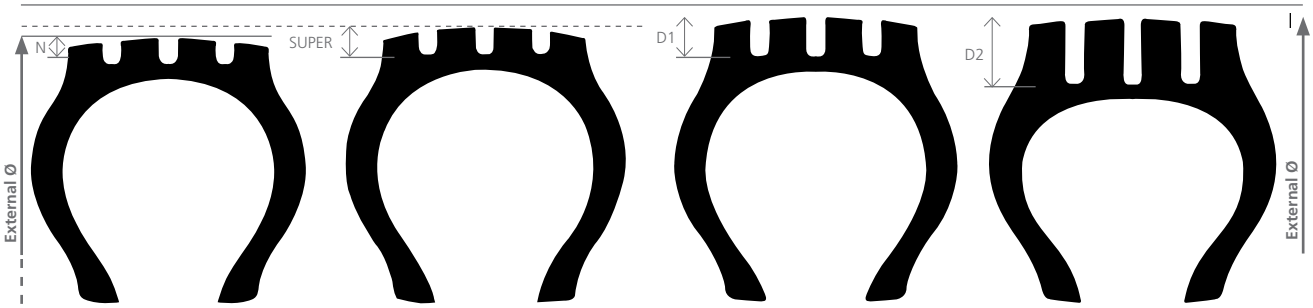
* ***ISO***: *International Standard Organization*
ETRTO: *European Tire and Rim Technical Organization*
TRA: *Tire and Rim Association*
JATMA: *Japan Automobile Tire Manufacturers Association*

Within these categories, there are different tread depths and special tread patterns, for very specific uses.
These are identified by a number.
They must be chosen according to the type of ground and the tire's condition of use.
The letter "S" indicates a smooth tread; *example: L-5S.*

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

ACCORDING TO THEIR TREAD DEPTHS

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



(E2 - E3 - L2 -L3 - G2 - G3)
Traction / Regular tread
Michelin designation:
N (Normal)

(SUPER E3, SUPER L3)
Regular tread
Michelin designation:
SUPER
(N < SUPER < D1)

(E4 - L4 - G4)
Deep tread
Aggressive ground
Michelin designation:
D1 = N x 1.5

(L5)
Extra-deep tread
Abrasive and
aggressive ground
Michelin designation:
D2 = N x 2.5

SUMMARY

CODE	TREAD PATTERN	APPLICATION
C1	SMOOTH	Compactor
E1	RIBBED	Transport
E2	TRACTION	
E3	ROCK	
E4	ROCK (deep tread)	
E7	FLOTATION	
G1	RIBBED	Grader
G2	TRACTION	
G3	ROCK	
G4	ROCK (deep tread)	
G5	ROCK (very deep tread)	
L2	TRACTION	Loader Bulldozer
L3	ROCK	
L4	ROCK (deep tread)	
L5	ROCK (very deep tread)	
L3S	SMOOTH	
L4S	SMOOTH (deep tread)	
L5S	SMOOTH (very deep tread)	

In addition, Michelin provides complementary identification to some earthmover tires:
T = Traction, R = Rock, V = Speed, F = Flotation,
P = Multipurpose, S/R = Smooth/Rock
e.g.: L3T "Normal tread depth tire (L3; Standardized identification code) where traction is needed (T; Michelin code)"

PRODUCT CATALOG

MICHELIN® EARTHMOVER SIZE CHARTS 3-6

LOADER/GRADER

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

ADT/SCRAPER

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

CRANE/TRANSPORT

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

RIGID DUMP TRUCKS

XHDT® 18
XVC 18
XDT 19
X®TRA LOADPROTECT 19
X®TRA LOADGRIP 20
XDR® 2 S 20
XK® D1 20
XDR® 3 21
XDR® 3+ 22
XDR® 3 EXTRA LOAD 22

RIGID DUMP TRUCKS (CON'T)

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

UNDERGROUND

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

INDUSTRIAL AND PORT

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

COMPACT EQUIPMENT

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

X® TWEEL®

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

MICHELIN® EARTHMOVER SIZE CHART

LOADER/GRADER

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

ADT/SCRAPER

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

INDUSTRIAL AND PORT

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

MICHELIN® EARTHMOVER SIZE CHART

CRANE/TRANSPORT

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

UNDERGROUND

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

RIGID DUMP TRUCK

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

MICHELIN® EARTHMOVER SIZE CHART

COMPACT EQUIPMENT

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

COMPACT EQUIPMENT

	TREAD DESIGN	MSPN	TD 32NDS	PLY RATING
12.5/80R18	CROSSGRIP	31129	26	NA
13.6/R24	CROSSGRIP	15827	33	NA
16.0/70R20	XM47	97684	35	NA
16.0/80R24	CROSSGRIP	76135	33	NA
16.5/75R20	XMCL®	19152	42	18
	XM47	08686	38	NA
16.9-24	POWER CL	56443	37	22
16.9-28	POWER CL	95541	37	18
16.9R24	XMCL®	34933	45	18
	BIBLOAD® HS	23762	40	18
	CROSSGRIP	74806	33	18
16.9R28	XMCL®	94482	45	18
	BIBLOAD® HS	49461	42	18
	CROSSGRIP	52613	33	18
16.9R34	CROSSGRIP	56587	35	NA
17.5L24	POWER CL™	86617	37	18
	XMCL®	70333	45	18
	BIBLOAD® HS	27534	42	18
	XM47	13804	43	NA
17.5R24	CROSSGRIP	11050	33	NA
18.4-26	POWER CL	32114	35	20
18.4R26	XMCL®	22312	45	20
	BIBLOAD® HS	46166	42	20
18R19.5	XF	81617	23	NA
18R22.5	XF	33819	25	NA
18.4R34	CROSSGRIP	41135	35	NA
18.4R38	CROSSGRIP	06819	37	NA
540/80R38	CROSSGRIP	65312	NA	NA
19.5L24	POWER CL	06567	37	20
19.5R24	CROSSGRIP	63574	33	NA
19.5LR24	XMCL®	89582	45	20
	BIBLOAD® HS	19122	40	20
	XM47	88892	44	NA
21L24	POWER CL	03270	39	22
21LR24	XMCL®	58268	48	20
	BIBLOAD® HS	34928	42	20
27x8.5R15	BIBSTEEL® AT	20011	19	8
250/80R16	CROSSGRIP	97221	21	NA

MICHELIN® EARTHMOVER SIZE CHART

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

SAFETY PROCEDURES

SAFETY WARNING: To avoid serious injury

SMALL TIRES – LESS THAN 25"

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

SAFETY WARNING: To avoid serious injury

LARGER TIRES – 25" AND GREATER

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

Shipping weights and tread depths subject to change without notice.

For questions, please contact your MICHELIN® Representative.

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

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

LOADER/GRADER

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

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

**Compared to bias-ply tires.*

MICHELIN® XGLA2

Graders, Telescopic Handlers, Loaders, Rough-Terrain Forklifts

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

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

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

MICHELIN® X SNOPLUS®

Graders, Loaders, Telescopic Handlers

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

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

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

**Compared to bias-ply tires.*

MICHELIN® XTLA

Graders, Telescopic Handlers, Loaders, Rough-Terrain Forklifts

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

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

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

MICHELIN® XHA® 2

Loaders, Dozers, Graders, Telescopic Handlers

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

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

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

MICHELIN® XHA®

Loaders, Graders, Dozers, Telescopic Handlers, Rough-Terrain Forklifts

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

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

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

MICHELIN® XLD® L3

Loaders Graders

	SIZE	TRA CODE	ISO INDEX	STAR RATING/ PLY RATING	TD 32NDS	TD MM	SHIPPING WEIGHT (LBS)	MSPN
TUBELESS	550/65R25	L3	—	★	40	32	451	86785
	600/65R25	L3	—	★	43	34	500	82704
	650/65R25	L3	—	★	47	37	622	90278
	750/65R25	L3	—	★	52	41	884	50629

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

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

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

MICHELIN® XTXL®

Underground Haulers Loaders

	SIZE	TRA CODE	ISO INDEX	STAR RATING/ PLY RATING	TD 32NDS	TD MM	SHIPPING WEIGHT (LBS)	MSPN
TUBELESS	26.5R25	E4/L4	—	E4****L4***	68	54	1,184	06534
	29.5R25	E4/L4	—	E4****L4***	74	59	1,451	40734
	29.5R29	E4	—	E4****	79	63	1,596	68037
	35/65R33	E4/L4	—	E4****L4***	76	60	2,035	46729

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

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

MICHELIN® XLD® D1

Dozers Loaders Graders

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

*=*Coming in 2022*

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

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

MICHELIN® XLD® D2

Dozers Loaders Graders

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

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

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

**Increase in Load Carrying Capacity Requires Speed Reduction*
***Reference Michelin® Technical Earthmover Data Book 2019. Internal comparison between MICHELIN® XLD® D2 35/65R33 and MICHELIN® X® TRA POWER™ L5 35/65R33*

MICHELIN® X® TRA POWER

Dozers Loaders Graders

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

LOADER/GRADER

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

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

MICHELIN® X MINE® D2

Forklifts
Loaders
Skid-Steer Loaders
Underground Haulers
Underground Loaders

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

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

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

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

MICHELIN® X MINE® D2 PRO

Forklifts

Loaders

Skid-Steer Loaders

Underground Haulers

Underground Loaders

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

ADT/SCRAPER

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

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

MICHELIN® XADN+®

Articulated Dumpers | Scrapers

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

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

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

MICHELIN® XAD 65

Articulated Dumpers | Scrapers

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

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

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

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

MICHELIN® X®-SUPER TERRAIN +

Articulated Dumpers | Scrapers

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

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

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

MICHELIN® X® TRA DEFEND

Articulated Dumpers, Scrapers

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

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

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

MICHELIN® XTS®

Scrapers

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

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

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

MICHELIN® XRS®

Scrapers

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

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

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

MICHELIN® XMS

Scrapers

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

CRANE/TRANSPORT

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

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

MICHELIN® X-CRANE® AT

Mobile Cranes · Trucks - Trailers · Flatbeds · Fire and Rescue

	SIZE	TRA CODE	ISO INDEX	STAR RATING/ PLY RATING	TD 32NDS	TD MM	SHIPPING WEIGHT (LBS)	MSPN
TUBE TYPE	385/95R24 (14.00R24)	E2	170F	—	28	22	300	93770

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

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

MICHELIN® X-CRANE® +

High-Speed Mobile Cranes · Trucks - Trailers · Flatbeds · Fire and Rescue

	SIZE	TRA CODE	ISO INDEX	STAR RATING/ PLY RATING	TD 32NDS	TD MM	SHIPPING WEIGHT (LBS)	MSPN
TUBELESS	385/95R25 (14.00R25)	E2	170F	—	29	23	314	32768
	445/95R25 (16.00R25)	E2	174F	—	31	25	427	30097
	525/80R25 (20.5R25)	E2	176F	—	35	28	471	33880

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

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

MICHELIN® XGC

Mobile Cranes · Trucks - Trailers · Flatbeds · Fire and Rescue

	SIZE	TRA CODE	ISO INDEX	STAR RATING/ PLY RATING	TD 32NDS	TD MM	SHIPPING WEIGHT (LBS)	MSPN
TUBELESS	445/80R25 (17.5R25)	E2	170E	—	35	28	384	30079

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

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

MICHELIN® XHD1

Rigid Dump Trucks
Logging Trucks

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

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

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

MICHELIN® XMH S

Logging Trucks
Transport Applications

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

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

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

MICHELIN® X SNOPLUS® 170E

Logging Trucks
Mobile Cranes
Transport Applications

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

RIGID DUMP TRUCKS

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

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

*Compared to 18.00R25 XHD1™ A tire.

MICHELIN® XHDT®

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

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

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

MICHELIN® XVC

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

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

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

MICHELIN® XDT

Rigid Dump Trucks

Bottom Dump Trucks

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

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

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

MICHELIN® X® TRA LOAD PROTECT

Rigid Dump Trucks

Bottom Dump Trucks

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

RIGID DUMP TRUCKS

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

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

MICHELIN® X® TRA LOAD GRIP

Rigid Dump Trucks

Bottom Dump Trucks

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

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

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

MICHELIN® XDR® 2 S

Rigid Dump Trucks

Bottom Dump Trucks

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

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

- Maximum protection from extreme jobsite hazards
- Promotes stability

MICHELIN® XK® D1

Rigid Dump Trucks

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

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

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

Compared to the MICHELIN® XDR®2 tire.

MICHELIN® XDR® 3

Rigid Dump Trucks

Bottom Dump Trucks

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

** = Phasing out Q4 2021*

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

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

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

MICHELIN® XDR® 3+

Rigid Dump Trucks | Bottom Dump Trucks

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

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

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

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

MICHELIN® XDR® 3 EXTRA LOAD

Rigid Dump Trucks | Bottom Dump Trucks

Phasing out date TBD

	SIZE	TRA CODE	ISO INDEX	STAR RATING/ PLY RATING	TD 32NDS	TD MM	SHIPPING WEIGHT (LBS)	MSPN
MB TUBELESS	53/80R63	E4	—	★★★	138	110	10,882	17762
MC TUBELESS	53/80R63	E4	—	★★★	138	110	10,822	17699
MC4 TUBELESS	53/80R63	E4	—	★★★	138	110	10,864	81977

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

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

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

MICHELIN® XDR® 250

Rigid Dump Trucks | Bottom Dump Trucks

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

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

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

** The new MICHELIN® 50/80R57 XDR® 250+ has INCREASED TIRE LIFE BY 8%, thanks to new-generation compounds and innovative tread layers(1), and improved aggression resistance(2)*
(1) Compared to the MICHELIN® XDR® 250 50/80R57 tire. Average performance by mine site. Projected improvement in tire life based on field performance in 70 customer mine sites over 25 months. Actual results may vary.
(2) Compared to the MICHELIN® XDR® 250 50/80R57 tire. Thanks to carrying the same load capacity at lower air pressure, according to the 2019 MICHELIN® Databook.

MICHELIN® XDR® 250+

Rigid Dump Trucks | Bottom Dump Trucks

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

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

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

MICHELIN® XDC®

Rigid Dump Trucks | Bottom Dump Trucks

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

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

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

MICHELIN® XD MINEWORKS

Rigid Dump Trucks | Bottom Dump Trucks

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

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

- Unstoppable grip capabilities with 30% more lug edges[1] help provide unstoppable grip in muddy or loose conditions
- Resists aggression from hidden obstacles[2] with a new design offering a larger contact patch, extra protection and more tread volume

MICHELIN® XD GRIP

Rigid Dump Trucks

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

[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 MICHELIN® X TRACTION. Actual results may vary.

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

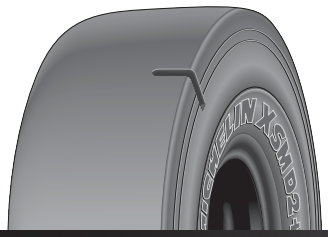
- Get 10% more load capacity[1] due to new cables, architecture and larger size optimized to carry up to 115 tons
- Get the highest TKPH on the market,[2] with up to 2576 TKPH[3]
- Experience improved heat resistance, adherence and wear profile[4] thanks to a new tread pattern
- Enjoy better wear resistance[5] with revolutionary new compounds

MICHELIN® XDR® 4 EXTRA LOAD

Rigid Dump Trucks | Bottom Dump Trucks

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

[1]The new MICHELIN® XDR® 4 EXTRA LOAD tire 59/80R63 get 10% more load capacity, to carry up to 115 tons, due to new cables, architecture and larger size.
[2]The new MICHELIN® XDR® 4 EXTRA LOAD tire 59/80R63 get the highest TKPH / Most Productive Rigid Dump Truck tire on the market (2576 TKPH).
[3]Based on comparisons to the 2021 Bridgestone Databook and the 2020 Goodyear Databook. Actual results may vary.
[4]The new MICHELIN® XDR® 4 EXTRA LOAD tire 59/80R63 was designed for improved heat resistance, adherence and wear profile, thanks to a new tread pattern.
[5]The new MICHELIN® XDR® 4 EXTRA LOAD tire 59/80R63 was designed for better wear resistance, thanks to a revolutionary new compound.



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

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

MICHELIN® XSM® D2+

Loaders
Underground Haulers
Underground Loaders
Forklifts

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

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

- Increase load capacity by up to 18%[1]
- Improved aggression resistance due to new cables and NRF technology (reinforced sidewall plies)[2]
- Improved tire life in the harshest of conditions thanks to optimized tread compounds[3]

MICHELIN® XSM® D2+ PRO L5S

Bottom Dump Trucks
Underground Haulers
Underground Loaders

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

[1]Based on comparisons of the MICHELIN® XSM® D2+ PRO and X MINE® D2 PRO tire to the MICHELIN® XSM® D2+ and MICHELIN® X MINE® D2 tires, as set forth in the 2018 MICHELIN® Data Book. Actual results may vary.
[2]Based on computer modeling comparisons of the MICHELIN® XSM® D2 + PRO and X MINE® D2 PRO tires compared to the MICHELIN® XSM® D2+ and MICHELIN® X MINE® D2 tires. Actual results may vary.
[3]Based upon improved aggression resistance and on computer modeling comparing the tread compounds included in the MICHELIN® XSM® D2+ PRO tire to the MICHELIN® XSM® D2+ tire. Actual results may vary.

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

- Maximum protection from extreme jobsite hazards
- Promotes stability

MICHELIN® XK®

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

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

- Most productive tire on the market with up to 360 TKPH / 247 TMPH[1]
- 8.6% higher load-carrying capacity due to new cables, architecture and larger tire to carry 31.5 tons at 7 bar[2]
- 14 km max distance per hour thanks to a cooler compound and new tread pattern[3]
- Excellent adhesion thanks to a new innovative tread pattern that increases grip[4]

MICHELIN® X® UM HAUL

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

[1] The new MICHELIN® 35/65R33 X® UM HAUL tire is the most productive underground tire on the market. For trucks greater than 60 tons of payload, with up to 360 TKPH.
[2] The new MICHELIN® 35/65R33 X® UM HAUL tire get 8.6% more load capacity, to carry up to 31.5 tons at 7 bar due to new cables, architecture and larger tire.
[3] The new MICHELIN® 35/65R33 X® UM HAUL tire was designed to 14 km max distance per hour thanks to a larger tire and cooler compound.
[4] The new MICHELIN® 35/65R33 X® UM HAUL tire was designed to excellent adhesion thanks to a new innovative tread pattern that increases grip.

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

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

MICHELIN® X® ZM™

Aircraft Push-Back Vehicles
Container Handlers
Forklifts
Terminal Tractors

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

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

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

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

MICHELIN® XZM® 2+

Forklifts
Reach Stackers
Container Handlers

	SIZE	TRA CODE	ISO INDEX	STAR RATING/ PLY RATING	TD 32NDS	TD MM	SHIPPING WEIGHT (LBS)	MSPN
TUBELESS	18R33	—	207A5	—	98	78	1,124	98640

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

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

MICHELIN® XZM® 2+ A

Forklifts, Reach Stackers

	SIZE	TRA CODE	ISO INDEX	STAR RATING/ PLY RATING	TD 32NDS	TD MM	SHIPPING WEIGHT (LBS)	MSPN
TUBELESS	18R25	—	207A5	—	98.3	78	977	08871

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

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

MICHELIN® XZR

Airport Ground Support Equipment, Sweeper, Forklifts

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

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

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

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

MICHELIN® X-STRADDLE® 2

Dock Cranes, Aircraft Push-Back Vehicles, Straddle Carriers

	SIZE	TRA CODE	ISO INDEX	STAR RATING/ PLY RATING	TD 32NDS	TD MM	SHIPPING WEIGHT (LBS)	MSPN
TUBELESS	450/95R25	E3	202A7	—	63	50	603	38706
	480/95R25	E3	206A5	—	63	50	662	07011

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

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

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

MICHELIN® X STACKER® 2

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

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

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

MICHELIN® X TERMINAL-T®

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

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

- Excellent surface finish
- Excellent uptime
- Lower operating costs

MICHELIN® X® LISSE COMPACTEUR

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

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

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

MICHELIN® XMCL®

Backhoes
Telescopic Handlers
Compact Wheel Loaders

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

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

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

MICHELIN® BIBLOAD® HARD SURFACE

Backhoes
Telescopic Handlers
Compact Wheel Loaders

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

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

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

MICHELIN® POWER CL

Backhoes, Telescopic Handlers, Compact Wheel Loaders

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

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

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

MICHELIN® XM47

Backhoes, Telescopic Handlers, Compact Wheel Loaders

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

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

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

MICHELIN® XM27®

Backhoes (Front), Telescopic Handlers, Compact Wheel Loaders

	METRIC SIZE	STANDARD SIZE	CONSTRUCTION	PLY RATING	TREAD DEPTH (32ND INCH)	SHIPPING WEIGHT (LBS)	MSPN
TUBELESS	11LR16	11LR16	RADIAL	NA	29	65	13902

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

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

MICHELIN® CROSSGRIP

Small Tractors
Backhoes
Compact Wheel Loaders
Telescopic Handlers

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

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

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

MICHELIN® BIBSTEEL® ALL TERRAIN

Skid-Steer Loaders
Backhoes (Front)
Truck Mounted Forklift

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

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

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

MICHELIN® BIBSTEEL® HARD SURFACE

		METRIC SIZE	STANDARD SIZE	CONSTRUCTION	PLY RATING	TREAD DEPTH (32ND INCH)	SHIPPING WEIGHT (LBS)	MSPN
Skid-Steer Loaders; Backhoes (Front); Truck Mounted Forklift	TUBELESS	260/70R16.5	10R16.5	RADIAL	12	23	73	38281
		300/70R16.5	12R16.5	RADIAL	14	27	93	84590

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

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

MICHELIN® XF

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

Airless Radial tire designed for skid-steer loaders.

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

MICHELIN® X® TWEEL® SSL 2

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

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

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

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

MICHELIN® X® TWEEL® TURF

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

Airless Radial tire designed for the front of mowers.

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

MICHELIN® X® TWEEL® CASTER

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

Airless Radial tire designed for golf carts and utility vehicles.

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

MSPN 01133
Golf cart hub
(includes center dust cap)

MSPN 78245
Utility cart hub
(shown above)

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

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

X® TWEEL®

Airless Radial tire designed for UTVs and ATVs.

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

MICHELIN® X® TWEEL® UTV/ATV

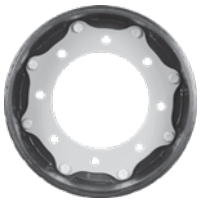
		SIZE	MAX LOAD (LBS.)	MAX SPEED	BOLT PATTERN	OFFSET (MM)	CENTER HOLE DIA.	WEIGHT (LBS.)	MSPN
UTV ATV	AIRLESS	26x9N14	506	50 mph	4x110 mm	+45	2.7 in	50	68495
		26x9N14 69J	715	62 mph	4x110 mm	+52	2.7 in	57	67693
		26x9N14 69J	715	62 mph	4x115 mm	+52	2.7 in	57	65492
		26x9N14 69J	715	62 mph	4x156 mm	+30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

X® TWEEL® ADAPTERS

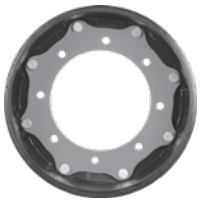
2-PIECE HUB MODELS AVAILABLE WITH ADAPTERS

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

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



Hub Adapter
MSPN 47139
CAI 419992
12 mm thick 1015
carbon steel / reversible
8.75″ (222.3 mm) center dia.
8 x 10.91″ bolt pattern
0.79″ (20 mm) bolt holes, no taper
Fits front of Case backhoe loader machines



Hub Adapter
MSPN 47462
CAI 481115
12 mm thick 1015
carbon steel / reversible
9.0″ (228.6 mm) center dia.
8 x 10.75″ bolt pattern
0.67″ (17 mm) bolt holes, tapered
Fits some Bobcat machines

Hub Adapter
MSPN 47868
CAI 291074
12 mm thick 1015
carbon steel / reversible
6.0″ (152.4 mm) center dia.
8 x 8.0″ bolt pattern
0.67″ (17 mm) bolt holes, tapered
Use adapter to change offset on 8 x 8.0″ standard fitment size

Hub Adapter
MSPN 04630
CAI 336820
12 mm thick 1015
carbon steel / reversible
3.68″ (93.5 mm) center dia.
10 x 140 mm bolt pattern
0.63″ (16 mm) bolt holes, tapered
Fits some truck mounted forklifts

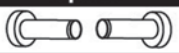
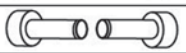
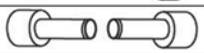
Hub Adapter
MSPN 47999
CAI 336959
12 mm thick 1015
carbon steel / reversible
Blank for custom applications, including a specific bolt configuration not identified here

X® TWEEL® SPACERS FOR CASTERS

HUB DIAMETER / SPACERS

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

Additional fitment information is available at zentrade.kz.

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

EARTHMOVER TUBES & FLAPS

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

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

INDUSTRIAL TUBES & FLAPS

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

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

EARTHMOVER O RINGS

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

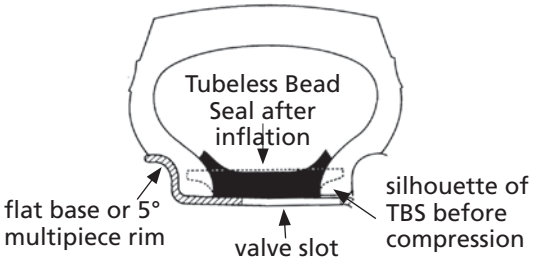
TIGRE GREASE

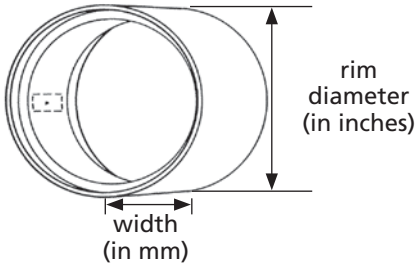
Special Michelin lubricant for proper installation of MICHELIN® tires on rims and wheels.

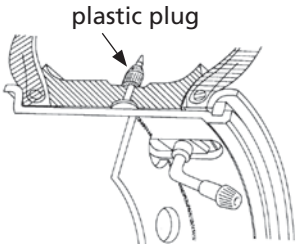
MSPN	MSRP (US$)
25817	**$30.00** (4 kg container)

TUBELESS BEAD SEAL (TBS)

INSTALLATION - CROSS SECTION OF AN INSTALLED TBS







FITMENT CHART

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

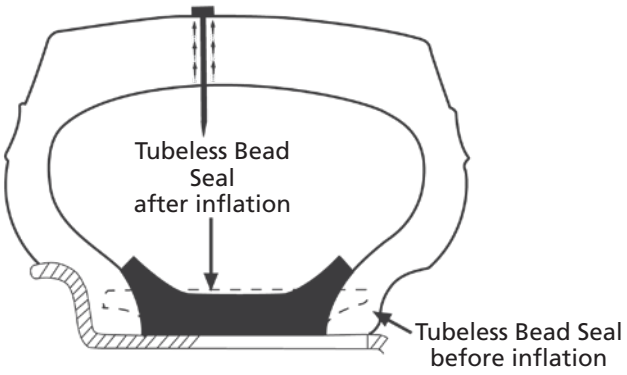
Small-base, extra-short valve (TBS 80TL8 and 100TL9)	R2160	**45842**
Short 94° valve	R2102	**52412**
Long 94° valve	R2161	**03129**
Long 120° valve	R2101	**90830**
Plug	R2110	**46701**
Washer (To reduce oversized valve/slot opening)	N/A	**87557**
TBS press	N/A	**45666**

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

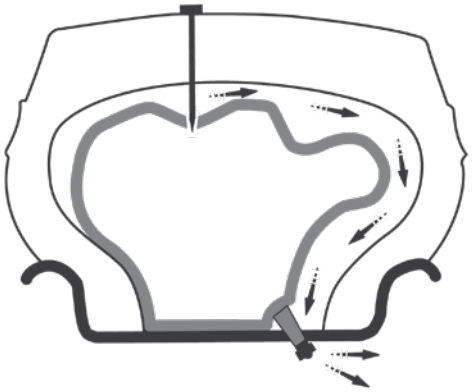
If a different valve is required, please contact Michelin customer service.

TUBELESS BEAD SEAL™ (TBS™)

TUBELESS BEAD SEAL



TUBE-TYPE SYSTEM



ADVANTAGES:

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

DISADVANTAGES:

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

TBS™ PRESS

MSPN	MSRP (USD)
45666	**$753.00**

ZenTrade

Order Directly
+7 705 864 0020
info@zentrade.kz

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

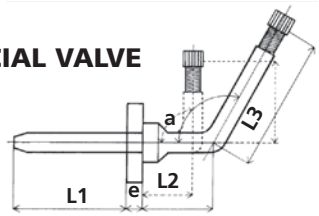
SAFETY

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

VALVE SPECIFICATIONS

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

SPECIAL VALVE



GUARANTEES

MICHELIN
90 DAY
COMPACT LINE
SATISFACTION
GUARANTEE

MICHELIN
BIBSTEEL
PROMISE PLAN
90
W
6 MONTH
YOUR SATISFACTION.
GUARANTEED.

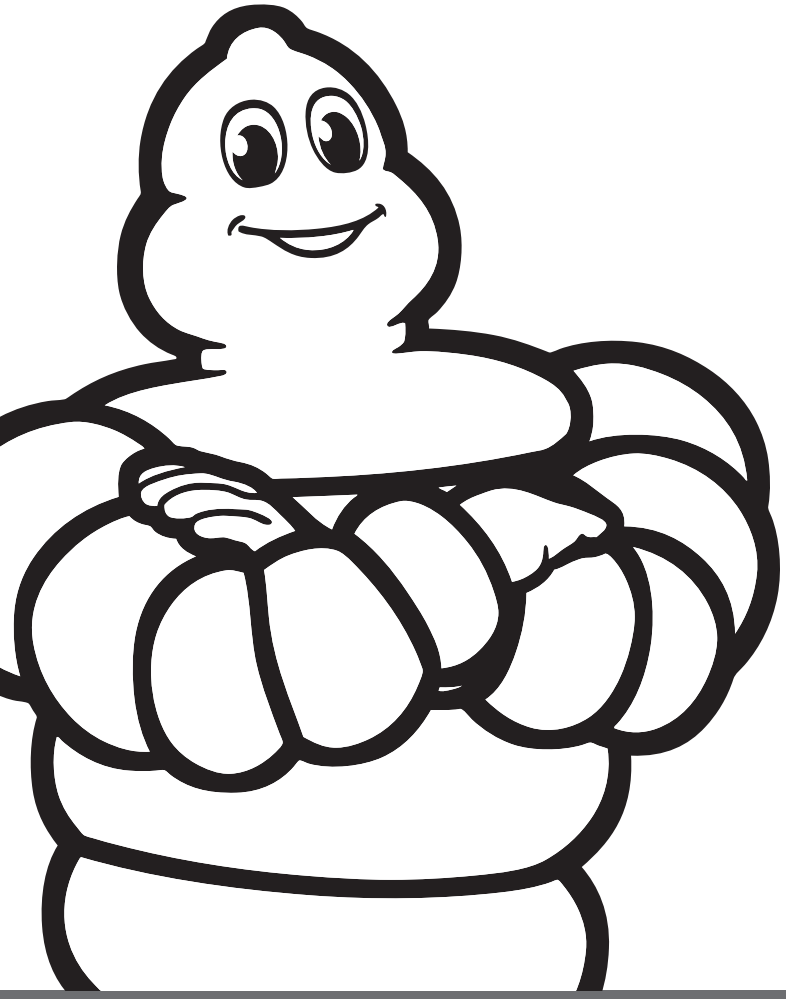
GUARANTEE
30-DAY
Total Satisfaction

MICHELIN® X® TWEEL®

MICHELIN® EARTHMOVER TOTAL SATISFACTION GUARANTEE

THE ALL-ENCOMPASSING EARTHMOVER WARRANTY*

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



6-MONTH GUARANTEE FOR FLATS

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

30-DAY GUARANTEE FOR OVERALL PERFORMANCE

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

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

MICHELIN

MICHELIN® EARTHMOVER TOTAL SATISFACTION GUARANTEE

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

MICHELIN® XGLA2™

MICHELIN® X SNOPLUS® M&S

MICHELIN® XTLA™

MICHELIN® X-CRANE AT™

MICHELIN® X-CRANE+™

MICHELIN® XGC®

MICHELIN® XHA™ 2

MICHELIN® XHA™

MICHELIN® XHD1™

MICHELIN® XLD® L3

MICHELIN® XADN+™

MICHELIN® X®TRA DEFEND E4 TL

MICHELIN® XAD™ 65-1 SUPER E3

MICHELIN® XTS®

MICHELIN® XD GRIP

MICHELIN® X®TRA LOAD PROTECT

MICHELIN® XMS™

MICHELIN® XRDN™ A

MICHELIN® XRS™

MICHELIN® XLD® D1

MICHELIN® XLD® D2

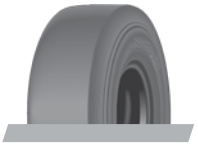
MICHELIN® X®TRA LOAD GRIP

MICHELIN® XDR®3

MICHELIN® XZM™

MICHELIN® XZR®

MICHELIN® STABIL'X® XZM™ 2+


MICHELIN® STABIL'X® X STACKER™

MICHELIN® X-STRADDLE®

MICHELIN® X-TERMINAL T™

MICHELIN® X SNOPLUS® 170E

MICHELIN® XD® MINEWORKS

MICHELIN® XTXL®

MICHELIN® X MINE® D2 PRO*

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

Program Guidelines:

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

BIBSTEEL
PROMISE PLAN

YOUR SATISFACTION IS OUR PROMISE

What tires qualify for claim reimbursement?*

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

What is excluded?

Damage due to misuse, abuse or accident such as:

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

How can I submit a claim?

Contact your local Michelin sales representative or email to **info@zentrade.kz**. You will need to provide a copy of your original invoice with the machine hours documented.*

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

MICHELIN
BIBSTEEL
PROMISE PLAN
YOUR SATISFACTION. GUARANTEED.

90-DAY SATISFACTION

WEAR WARRANTY

FLAT TIRE REPAIR

WHAT IS THE BIBSTEEL™ PROMISE PLAN?

MICHELIN
BIBSTEEL
PROMISE PLAN
YOUR SATISFACTION. GUARANTEED.

90-DAY SATISFACTION*

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

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

600 HOUR WEAR WARRANTY*

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

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

FLAT TIRE REPAIR*

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

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

MICHELIN® Bibsteel®
All Terrain

MICHELIN® Bibsteel®
Hard Surface

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

ZENTRADE
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info@zentrade.kz

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