

# MICHELIN® **X<sup>®</sup>TRA DEFEND™**

*DESIGNED TO RESIST*



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# MICHELIN® X®TRA DEFEND™

80 SERIES - 23.5 R25, 26.5 R25, 29.5 R25, 33.25 R29

## EXTENDED TIRE LIFE AND EXCEPTIONAL RESISTANCE TO AGGRESSION



ARTICULATED DUMP TRUCK



### BETTER AGGRESSION RESISTANCE



- 1 +24.7%<sup>(2)</sup> MINIMUM**  
More mass metal
- 2 REINFORCED CASING AND PLYS**
- 3 +15%<sup>(1)</sup>**  
Thicker sidewalls

PUNCTURE RESISTANCE UP TO: <sup>(3)</sup>

172MM



MICHELIN® X®TRA DEFEND™

156MM



COMPETITOR 2



**+15% WEAR LIFE<sup>(4)</sup>**

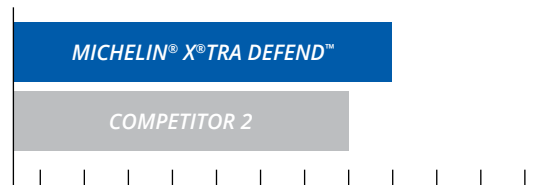
■ Deeper tread depth<sup>(5)</sup>

■ More volume of rubber to be worn



**+14% VS COMPETITOR 2**

57 mm for competitor 2



**+10%<sup>(6)</sup> COMPARED TO COMPETITOR 2**



**DESIGNED TO BE RETREADABLE AND SUSTAINABLE**



**EXCELLENT PRODUCTIVITY**

**1st win:** the first tire life with an excellent wear resistance thanks to the natural rubber B4 compound.

**2nd win:** the second tire life with the ability to retread the tire or extra money coming from the sell of the Michelin casing.

Please see below our ton per kilometers per hour data for the following tires:

23.5 R25	MICHELIN XTRA DEFEND E4 with	192 <sup>(7)</sup>	TKPH
26.5 R25	MICHELIN XTRA DEFEND E4 with	221 <sup>(7)</sup>	TKPH
29.5 R25	MICHELIN XTRA DEFEND E4 with	246 <sup>(7)</sup>	TKPH
33.25 R29	MICHELIN XTRA DEFEND E4 with	385 <sup>(7)</sup>	TKPH

23.5 R 25	MICHELIN XTRA DEFEND E4 TL **	185B	CAI 923499
26.5 R 25	MICHELIN XTRA DEFEND E4 TL **	193B	CAI 740832
29.5 R 25	MICHELIN XTRA DEFEND E4 TL **	200B	CAI 940473
33.25 R29	MICHELIN XTRA DEFEND E4 TL **	209B	CAI 900079

(1) Compared to 29.5 R 25 MICHELIN® X®-SUPER TERRAIN™+. Measurements certified by Michelin Center of Technology.

(2) On the summit, compared to 29.5 R 25 MICHELIN® X®-SUPER TERRAIN™+. Measurement certified by Michelin Center of Technology.

(3) Test certified by Michelin Center of Technology, conducted at the Mining Testing Center in Almeria, Spain, in April 2017. Comparison of 29.5 R 25 MICHELIN® X®TRA DEFEND™ with Competitor 2, same size.

All tires followed the same protocols and configuration, same number of tires tested. Test done with a vehicle suppressing machine effect in order to highlight tires gaps. Tests conditions: 14000kg of load, at 4,5 bar pressure for MICHELIN® X®TRA DEFEND™ at 5 bars for Competitor 2.

(4) Compared to 29.5 R 25 MICHELIN® X®-SUPER TERRAIN™+ field tests measurements certified by the Michelin Center of Technology, from 2012 to 2016.

(5) Measurement certified by the Michelin Center of Technology, using XAO software, comparison of 29.5 R 25 MICHELIN® X®TRA DEFEND™ with competitor 2, same size.

(6) Measurement certified by the Michelin Center of Technology, Faro method, Sculpture 3D with laser, comparison of 29.5 R 25 MICHELIN® X®TRA DEFEND™ with competitor 2, same size.

(7) See the 2022 MICHELIN technical databook Earthmover Tires.

# MICHELIN® X<sup>®</sup>TRA DEFEND™

65 SERIES - 750/65 R 25, 875/65 R29



## ALL OF THE MICHELIN'S 80 SERIES BENEFITS AND MORE



MICHELIN XTRA DEFEND 80 SERIE



• **HIGHER FOOTPRINT**

• **HIGHER AIR VOLUME**

• **HIGHER LOAD CAPACITY**

up to 1500 kg / 3307 lbs at a lower pressure<sup>(8)</sup>



MICHELIN XTRA DEFEND 65 SERIE

### HIGHER FOOTPRINT

- More tread rubber to protect your tire and ensure its retreadability
- Better traction in soft soils



**+21%<sup>(9)</sup> FOOTPRINT SURFACE**



### HIGHER AIR VOLUME

- Better comfort for the operator with up to 14%<sup>(10)</sup> or more shock absorption
- Better flotation in soft soils

### Corresponding sizes between 65 series and 80 series

65 SERIES				80 SERIES		
750/65 R25 XTRA DEFEND	E4 TL ** 190B	CAI 209221	→	23.5 R25 XTRA DEFEND	E4 TL ** 185B	CAI 923499
875/65 R29 XTRA DEFEND	E4 TL ** 203B	CAI 992223	→	29.5 R25 XTRA DEFEND	E4 TL ** 200B	CAI 940473

<sup>(8)</sup> Internal comparison between MICHELIN® X<sup>®</sup>TRA DEFEND™ 875/65 R29 vs 29.5 R25. See the 2022 MICHELIN technical databook Earthmover tires.

<sup>(9)</sup> Internal comparison between MICHELIN® X<sup>®</sup>TRA DEFEND™ 875/65 R29 vs 29.5 R25. Measurement certified by the Michelin Center of Technology.

<sup>(10)</sup> Internal comparison between MICHELIN® X<sup>®</sup>TRA DEFEND™ 875/65 R29 vs 29.5 R25. See the 2022 MICHELIN technical databook Earthmover tires.