

MICHELIN

XTRA DEFEND E4 L4



**RADIAL
TIRE**

DESIGNED TO RESIST



**CONSTRUCTION
SEGMENT**



MICHELIN

MICHELIN XTRA DEFEND E4 L4



1 PRODUCTIVITY

New ** load capacity⁽¹⁾ for high torque wheel-loader & ADT. Casing designed at ** load capacity 56 779 lbs / 25 750 kg ⁽²⁾ with increased protection and up to 14 km⁽³⁾ in one hour at high temperature up to 47°C.

2 ROBUSTNESS

Reinforced crown and summit resistance to aggression. Up to 50%⁽⁴⁾ of mass metal, thicker summit with up to 5 plies conception with specific aggression rubber resistance.

3 POLYVALENCE

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

TIRE CHARACTERISTICS



ADDITIONAL INFORMATION

APPLICABLE VEHICLES



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

MICHELIN GROUP -
Product Manager

⁽¹⁾ Except the 750/65 R 25, which is only L4* load capacity. Reference MICHELIN Earthmover Databook 2024.

⁽²⁾ Reference MICHELIN Earthmover Databook 2024 for the MICHELIN XTRA DEFEND E4**/L4** in 875/65 R29.

⁽³⁾ Maximum distance in one hour for Wheel Loader (WHL)

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



ON THE WEB



SOCIAL MEDIA

CONTACT

Please contact your local sales representative for more information.

UPDATED MAR 2024



MICHELIN XTRA DEFEND E4 L4



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TECHNICAL CHARACTERISTICS

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

| DESCRIPTION | CAI [MSPN] | Max.dist./ hour km [mile] | TKPH [TMPH] | Section width mm [in] | Outer diameter mm [in] | Static load radius mm [in] | Rolling circumference mm [in] | Tread depth mm [32rd] | Dual spacing mm [in] | Cap liter [gal] | Mesuring recommended rim | Other approved rims mm [in] |
|---|---------------|---|----------------|-----------------------------|------------------------------|-------------------------------------|-------------------------------------|--------------------------------|----------------------------|-----------------------|--------------------------------|--------------------------------------|
| 23.5 R25 XTRA DEFEND E4**L4** 185B/195A2 TL | 723646 - | 26 ⁽¹⁾ / 14 ⁽²⁾ 16.2 ⁽¹⁾ / 8.6 ⁽²⁾ | 192 132 | 617 24.3 | 1618 63.7 | 728 28.7 | 4880 192.1 | 54 68 | - | 646 170.7 | 19.50/2.5 | - |
| Bar | 2 | 2.5 | 3 | 3.5 | 3.75 | 4 | 4.5 | 5 | 5.5 | | | |
| Psi | 29 | 36 | 44 | 51 | 54 | 58 | 65 | 73 | 80 | | | |
| Machine - use kg - lbs WHEEL LOADER | | | | | | | | | | | | |
| FRONT LADEN | 8100 17861 | 9100 20066 | 10150 22381 | 11150 24586 | 11650 25688 | 12150 26791 | 13350 29437 | 13900 30650 | 14500 31973 | | | |
| REAR UNLADEN | 6500 14333 | 7300 16097 | 8100 17861 | 8900 19625 | 9300 20507 | 9700 21389 | 10700 23594 | 11160 24608 | 11600 25578 | | | |
| Bar | 2 | 2.5 | 3 | 3.5 | 3.75 | 4 | 4.5 | 5 | 5.5 | | | |
| Psi | 29 | 36 | 44 | 51 | 54 | 58 | 65 | 73 | 80 | | | |
| Machine - use kg - lbs ARTICULATED DUMP TRUCK | | | | | | | | | | | | |
| ALL AXLES | 5650 12458 | 6380 14068 | 7100 15656 | 7800 17199 | 8175 18026 | 8550 18853 | 9250 20396 | 9950 21940 | 10350 22822 | | | |
| Bar | 2 | 2.5 | 3 | 3.5 | 3.75 | 4 | 4.5 | 5 | 5.5 | | | |
| Psi | 29 | 36 | 44 | 51 | 54 | 58 | 65 | 73 | 80 | | | |
| Machine - use kg - lbs GRADER | | | | | | | | | | | | |
| ALL AXLES | 4850 10694 | 5250 11576 | 6000 13230 | 6750 14884 | 7130 15722 | 7500 16538 | 8200 18081 | | | | | |
| Bar | 2 | 2.5 | 3 | 3.5 | 3.75 | 4 | 4.5 | 5 | 5.5 | | | |
| Psi | 29 | 36 | 44 | 51 | 54 | 58 | 65 | 73 | 80 | | | |
| Machine - use kg - lbs WHEEL LOADER | | | | | | | | | | | | |
| FRONT LADEN | 9300 20507 | 10300 22712 | 12150 26791 | 12875 28389 | 13600 29988 | 15000 33075 | 16150 35611 | 17350 38257 | 18500 40793 | | | |
| REAR UNLADEN | 7450 16427 | 8250 18191 | 9700 21389 | 10300 22712 | 10900 24035 | 12000 26460 | 12900 28445 | 13900 30650 | 14800 32634 | | | |
| Bar | 2 | 2.5 | 3 | 3.25 | 3.5 | 4 | 4.5 | 5 | 5.5 | | | |
| Psi | 29 | 36 | 44 | 47 | 51 | 58 | 65 | 73 | 80 | | | |
| Machine - use kg - lbs ARTICULATED DUMP TRUCK | | | | | | | | | | | | |
| ALL AXLES | 6500 14333 | 7500 16538 | 8500 18743 | 9000 19845 | 9500 20948 | 10500 23153 | 11500 25358 | | | | | |
| Bar | 2 | 2.5 | 3 | 3.25 | 3.5 | 4 | 4.5 | 5 | 5.5 | | | |
| Psi | 29 | 36 | 44 | 47 | 51 | 58 | 65 | 73 | 80 | | | |
| Machine - use kg - lbs GRADER | | | | | | | | | | | | |
| ALL AXLES | 5500 12128 | 6500 14333 | 7500 16538 | 8000 17640 | 8500 18743 | 9400 20727 | 10350 22822 | 11500 25358 | | | | |
| Bar | 2 | 2.5 | 3 | 3.25 | 3.5 | 4 | 4.5 | 5 | 5.5 | | | |
| Psi | 29 | 36 | 44 | 47 | 51 | 58 | 65 | 73 | 80 | | | |

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

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TECHNICAL CHARACTERISTICS

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

| DESCRIPTION | CAI [MSPN] | Max.dist./ hour km [mile] | TKPH [TMPH] | Section width mm [in] | Outer diameter mm [in] | Static load radius mm [in] | Rolling circumference mm [in] | Tread depth mm [32rd] | Dual spacing mm [in] | Cap liter [gal] | Mesuring recommended rim | Other approved rims mm [in] |
|---|-----------------|---|----------------|-----------------------------|------------------------------|-------------------------------------|-------------------------------------|--------------------------------|----------------------------|-----------------------|--------------------------------|--------------------------------------|
| 29.5 R25 XTRA DEFEND E4**L4** 200B/216A2 TL | 929747 - | 22 ⁽¹⁾ / 14 ⁽²⁾ 13.7 ⁽¹⁾ / 8.6 ⁽²⁾ | 246 169 | 777 30.6 | 1857 73.1 | 829 32.6 | 5585 219.9 | 65 81.9 | - | 1121 296.2 | 25.00/3.5 | - |
| Bar | 2 | 2.5 | | 3 | | 3.5 | 4 | | 4.5 | | 5 | 5.5 |
| <i>Psi</i> | 29 | 36 | | 44 | | 51 | 58 | | 65 | | 73 | 80 |
| Machine - use kg - lbs WHEEL LOADER | | | | | | | | | | | | |
| FRONT LADEN | 11150 24586 | 12300 27122 | 14600 32193 | 16300 35942 | 18000 39690 | 19450 42887 | 20950 46195 | 22400 49392 | | | | |
| REAR UNLADEN | 8900 19625 | 9850 21719 | 11700 25799 | 13050 28775 | 14400 31752 | 15550 34288 | 16750 36934 | 17900 39470 | | | | |
| Bar | 2 | 2.5 | | 3 | | 3.5 | 4 | | 4.5 | | | |
| <i>Psi</i> | 29 | 36 | | 44 | | 51 | 58 | | 65 | | | |
| Machine - use kg - lbs ARTICULATED DUMP TRUCK | | | | | | | | | | | | |
| ALL AXLES | 7800 17199 | 9050 19955 | 10300 22712 | 11500 25358 | 12750 28114 | 14000 30870 | | | | | | |
| 750/65 R25 XTRA DEFEND E4**L4* 190B/202A2 TL | 175955 13434 | 26 ⁽¹⁾ / 14 ⁽²⁾ 16.2 ⁽¹⁾ / 8.6 ⁽²⁾ | 220 151 | 733 28.9 | 1628 64.1 | 720 28.3 | 4878 192 | 55 69.3 | - | 796 210.3 | 24.00/3.0 | 22.00/3.0 25.00/3.0 |
| Bar | 2 | 2.5 | | 3 | | 3.25 | 3.5 | | 4 | | 4.5 | |
| <i>Psi</i> | 29 | 36 | | 44 | | 47 | 51 | | 58 | | 65 | |
| Machine - use kg - lbs WHEEL LOADER | | | | | | | | | | | | |
| FRONT LADEN | 8400 18522 | 9420 20771 | 11040 24343 | 11700 25799 | 12360 27254 | 13680 30164 | 15000 33075 | | | | | |
| REAR UNLADEN | 6725 14829 | 7775 17144 | 8825 19459 | 9365 20650 | 9000 19845 | 10950 24145 | 12000 26460 | | | | | |
| Bar | 2 | 2.5 | | 3 | | 3.25 | 3.5 | | 4 | | 4.5 | |
| <i>Psi</i> | 29 | 36 | | 44 | | 47 | 51 | | 58 | | 65 | |
| Machine - use kg - lbs ARTICULATED DUMP TRUCK | | | | | | | | | | | | |
| ALL AXLES | 6250 13781 | 7350 16207 | 8400 18522 | 8950 19735 | 9500 20948 | 10600 23373 | | | | | | |
| Bar | 2 | 2.5 | | 3 | | 3.25 | 3.5 | | 4 | | 4.5 | |
| <i>Psi</i> | 29 | 36 | | 44 | | 47 | 51 | | 58 | | 65 | |
| Machine - use kg - lbs GRADER | | | | | | | | | | | | |
| ALL AXLES | 5500 12128 | 6500 14333 | 7500 16538 | 8000 17640 | 8500 18743 | 9400 20727 | 10500 23153 | | | | | |

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

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TECHNICAL CHARACTERISTICS

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

| DESCRIPTION | CAI [MSPN] | Max.dist./ hour km [mile] | TKPH [TMPH] | Section width mm [in] | Outer diameter mm [in] | Static load radius mm [in] | Rolling circumference mm [in] | Tread depth mm [32rd] | Dual spacing mm [in] | Cap liter [gal] | Mesuring recommended rim | Other approved rims mm [in] |
|---|-----------------|---|----------------|-----------------------------|------------------------------|-------------------------------------|-------------------------------------|--------------------------------|----------------------------|-----------------------|--------------------------------|--------------------------------------|
| 775/65 R29 XTRA DEFEND E4**L4** 195B/213A2 TL | 002752 76326 | 24 ⁽¹⁾ / 14 ⁽²⁾ 14.9 ⁽¹⁾ / 8.6 ⁽²⁾ | 233 160 | 769 30.3 | 1761 69.3 | 778 30.6 | 5276 207.7 | 54 68 | - | 962 254.2 | 24.00/3.0 | 24.00/3.5 25.00/3.5 |
| Bar | 2 | 2.5 | 3 | | 3.5 | 4 | | 4.5 | | 5 | | 5.5 |
| <i>Psi</i> | 29 | 36 | 44 | | 51 | 58 | | 65 | | 73 | | 80 |
| Machine - use kg - lbs | | | | | | | | | | | | |
| WHEEL LOADER | | | | | | | | | | | | |
| FRONT LADEN | 8900 19625 | 10500 23153 | 12100 26681 | 13800 30429 | 15400 33957 | 17000 37485 | 18600 41013 | 20000 44100 | | | | 20600 45423 |
| REAR UNLADEN | 7100 15656 | 8500 18743 | 9700 21389 | 11200 24696 | 12300 27122 | 13600 29988 | 14900 32855 | 16200 35721 | | | | 16480 36338 |
| Bar | 2 | | 2.5 | | 3 | | 3.5 | | | 4 | | |
| <i>Psi</i> | 29 | | 36 | | 44 | | 51 | | | 58 | | |
| Machine - use kg - lbs | | | | | | | | | | | | |
| ARTICULATED DUMP TRUCK | | | | | | | | | | | | |
| ALL AXLES | 7000 15435 | | 8300 18302 | | 9500 20948 | | 10900 24035 | | | | | 12150 26791 |
| 875/65 R 29 XTRA DEFEND E4**L4** 203B/221A2 TL | 206954 76031 | 22 ⁽¹⁾ / 14 ⁽²⁾ 13.7 ⁽¹⁾ / 8.6 ⁽²⁾ | 273 187 | 872 34.3 | 1884 74.2 | 823 32.4 | 5620 221.3 | 59.5 75 | - | 1330 351.4 | 27.00/3.0 | 27.00/3.5 28.00/3.5 |
| Bar | 2.5 | 3 | 3.5 | 4 | 4.5 | 4.75 | 5 | 5.5 | 6 | 6.25 | | |
| <i>Psi</i> | 36 | 44 | 51 | 58 | 65 | 69 | 73 | 80 | 87 | 91 | | |
| Machine - use kg - lbs | | | | | | | | | | | | |
| WHEEL LOADER | | | | | | | | | | | | |
| FRONT LADEN | 13000 28665 | 15200 33516 | 17200 37926 | 18500 40793 | 20600 45423 | 21200 46746 | 21800 48069 | 23600 52038 | 25000 55125 | | | 25750 56779 |
| REAR UNLADEN | 10400 22932 | 12200 26901 | 13800 30429 | 14400 31752 | 16480 36338 | 16960 37397 | 17440 38455 | 18880 41630 | 20000 44100 | | | 20600 45423 |
| Bar | 2.5 | | 3 | | 3.5 | | 4 | | | 4.5 | | |
| <i>Psi</i> | 36 | | 44 | | 51 | | 58 | | | 65 | | |
| Machine - use kg - lbs | | | | | | | | | | | | |
| ARTICULATED DUMP TRUCK | | | | | | | | | | | | |
| ALL AXLES | 10600 23373 | | 12250 27011 | | 13800 30429 | | 15500 34178 | | | | | 17100 37706 |

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