



TRELLEBORG



M²
Technical Solution

MONARCH M²

A new generation of Monarch solid tires for the next generation of material handling equipment. Designed using the latest technology and state-of-the-art laboratory analysis, the M² combines the strength of the Mono-Matic[®] tire with the ride of the HP[®] and the power of the E-Class[®].

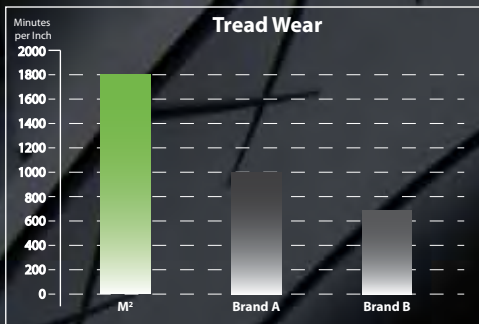
This three-stage tire with steel wires in the heel is a distinct change to the previous Monarch solid tire. The new tread design and new compound help make a clear break from the past tire technology. These changes combine to produce a longer-lasting solid tire.

Over 40 Years of Excellence

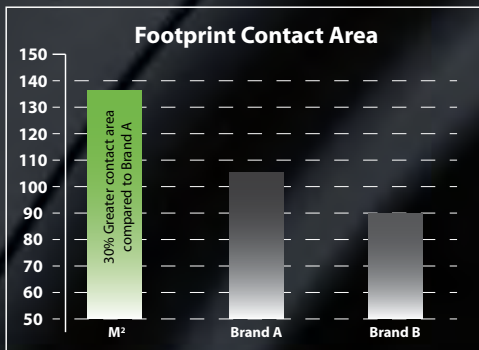


Outlasting the Competition

Advance compounding, innovative tread design and improved heat defense makes the M² an excellent choice for your material handling equipment.



In rigorous testing the M² outlasts traditional solid tires. The compounding and tread allow for a longer tire life.



Higher footprint contact area allows for maximum wear while preventing stress on the tire. Lower footprint contact area can lead to uneven wear and premature failure.

CDM Technology was used while creating the M². The use of this technology helps prevent the tire from early failure.

Tread wear indicator quickly allows operator to check the wear on the tire. This indicator represents 25% worn, 50% worn, 75% worn and 100% worn.


Solid, square tread shoulder area for enhanced stability.


Flat footprint and wide tread surface promotes long and even tread wear.

Available Sizes

| Size | Profile | Rim Width | Tire | | | Load Capacity | | Shipping Weight (Lbs) |
|--------------|----------------|-----------|-----------|----------------|------------------|---------------|--------|-----------------------|
| | | | O.D. (in) | Max Width (in) | Tread Width (in) | 6 Mph | 10 Mph | |
| 10.5 x 4-6 | RIB | 3.25 | 10.5 | 4.0 | 3.1 | 1,140 | 1,040 | 9.0 |
| 15 x 4.5-8 | RIB | 3.00 | 14.8 | 4.6 | 4.3 | 2,000 | 1,450 | 21.8 |
| 4.00 x 8 | RIB | 2.50 | 16.0 | 4.1 | 3.5 | 1,940 | 1,405 | 24.5 |
| 4.00 x 8 | RIB | 3.00 | 16.0 | 4.1 | 3.5 | 2,320 | 1,685 | 24.7 |
| 4.00 x 8 | RIB | 3.75 | 16.1 | 4.7 | 4.3 | 2,900 | 2,105 | 29.2 |
| 4.00 x 8 | M ² | 3.75 | 16.1 | 4.7 | 4.3 | 2,900 | 2,105 | 29.3 |
| 16 x 6-8 | RIB | 4.33 | 16.2 | 6.0 | 5.4 | 3,170 | 2,300 | 35.9 |
| 5.00 x 8 | M ² | 3.00 | 18.1 | 4.8 | 4.2 | 2,670 | 1,935 | 37.6 |
| 5.00 x 8 | M ² | 3.75 | 18.0 | 6.0 | 5.4 | 3,340 | 2,420 | 44.3 |
| 5.00 x 8 | RIB | 3.75 | 18.0 | 6.0 | 5.4 | 3,340 | 2,420 | 48.0 |
| 18 x 7-8 | M ² | 4.33 | 18.0 | 6.2 | 5.3 | 3,750 | 2,700 | 47.4 |
| 6.00 x 9 | M ² | 4.00 | 20.7 | 5.5 | 4.9 | 4,230 | 3,065 | 57.8 |
| 6.00 x 9 | RIB | 4.00 | 20.7 | 5.5 | 4.9 | 4,230 | 3,065 | 58.2 |
| 21 x 8-9 | M ² | 6.00 | 20.4 | 7.3 | 6.3 | 6,190 | 4,480 | 74.8 |
| 200/50-10 | M ² | 6.50 | 18.0 | 7.7 | 7.1 | 5,200 | 3,770 | 55.6 |
| 6.50 x 10 | M ² | 5.00 | 22.7 | 6.3 | 5.4 | 5,810 | 4,210 | 79.4 |
| 6.50 x 10 | M ² | 5.50 | 22.7 | 6.3 | 5.4 | 6,390 | 4,630 | 80.4 |
| 23 x 9-10 | M ² | 6.50 | 23.0 | 7.9 | 7.1 | 7,525 | 5,450 | 105.8 |
| 23 x 10-12 | M ² | 8.00 | 23.1 | 9.4 | 9.4 | 8,820 | 6,385 | 114.0 |
| 7.00 x 12 | M ² | 5.00 | 25.6 | 6.8 | 5.9 | 6,640 | 4,810 | 104.3 |
| 7.00 x 12 | PLAIN | 5.00 | 25.6 | 6.8 | 5.9 | 6,640 | 4,810 | 104.3 |
| 27 x 10-12 | M ² | 8.00 | 26.7 | 9.4 | 8.6 | 8,820 | 6,385 | 166.7 |
| 7.00 x 15 | M ² | 5.50 | 28.7 | 7.1 | 6.4 | 7,905 | 5,725 | 131.0 |
| 8.15 x 15 | M ² | 7.00 | 27.3 | 8.8 | 7.8 | 9,000 | 6,520 | 139.8 |
| 7.50 x 15 | M ² | 5.50 | 29.4 | 7.6 | 6.5 | 8,125 | 5,660 | 144.8 |
| 7.50 x 15 | M ² | 6.50 | 29.4 | 7.6 | 6.5 | 9,600 | 6,900 | 149.2 |
| 250 x 15 | M ² | 7.00 | 28.2 | 8.8 | 7.6 | 9,615 | 6,960 | 149.5 |
| 250 x 15 | M ² | 7.50 | 28.2 | 8.8 | 7.7 | 10,300 | 7,460 | 150.4 |
| 28 x 12.5-15 | M ² | 9.75 | 28.0 | 11.8 | 11.9 | 12,760 | 9,250 | 195.6 |
| 8.25 x 15 | M ² | 6.50 | 31.8 | 8.2 | 7.2 | 9,200 | 6,665 | 201.2 |
| 300 x 15 | M ² | 8.00 | 32.0 | 10.1 | 8.7 | 13,190 | 9,550 | 243.4 |
| 32 x 12.5-15 | M ² | 9.75 | 32.1 | 11.5 | 11.3 | 15,410 | 11,165 | 279.8 |
| 7.50 x 16 | M ² | 5.50 | 32.0 | 8.2 | 7.2 | 8,615 | 6,240 | 198.0 |
| 355/50-20 | PLAIN | 10.00 | 32.8 | 12.2 | 11.4 | 14,530 | 10,520 | 250.0 |
| 9.00 x 20 | M ² | 6.50 | 38.5 | 8.7 | 7.6 | 13,200 | 9,560 | 281.0 |
| 10.00 x 20 | M ² | 6.50 | 39.6 | 9.8 | 8.6 | 13,825 | 10,010 | 341.2 |
| 10.00 x 20 | M ² | 8.00 | 39.9 | 9.8 | 8.6 | 17,015 | 12,320 | 352.0 |
| 12.00 x 20 | M ² | 8.00 | 43.0 | 10.2 | 9.0 | 18,605 | 13,475 | 455.0 |
| 12.00 x 20 | PLAIN | 8.00 | 43.0 | 10.2 | 9.0 | 18,605 | 13,475 | 459.0 |
| 12.00 x 20 | M ² | 8.50 | 43.0 | 10.2 | 9.0 | 19,700 | 14,310 | 457.9 |
| 12.00 x 20 | PLAIN | 10.00 | 42.9 | 12.3 | 11.1 | 23,255 | 16,840 | 552.3 |
| 12.00 x 20 | M ² | 10.00 | 43.2 | 12.3 | 11.1 | 23,255 | 16,840 | 554.5 |

Available Compounds

 **LONG DISTANCE® NON-MARKING** – Offers excellent wear and a good resistance to chipping and chunking while offering a good ride, in a compound that does not mark floors.

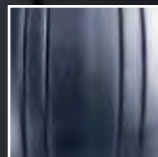
 **MAN-TOTER™** – A softer version of the M², designed for personnel carriers and in-plant utility vehicles.

SPECIAL COMPOUNDS - Scrubber, etc: available upon request.

Available Tread



M²



Rib



Plain

AMERICAN SALES OFFICES

OHIO

61 STATE ROUTE 43 NORTH
HARTVILLE OH 44632
TEL: 330 877 1211
FAX: 330 877 2346

GEORGIA

107 FOREST PARKWAY, SUITE 900
FOREST PARK, GA 30297
TEL: 404 361 7060
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2438 PECK ROAD
CITY OF INDUSTRY, CA 90601
TEL: 562 695 5686
FAX: 562 695 9040

NEW YORK

89 LEUNING AVENUE
SOUTH HACKENSACK, NJ 07606
TEL: 201 488 2215
FAX: 201 488 0577

TEXAS

9239 KING ARTHUR DRIVE
DALLAS, TX 75247
TEL: 214 630 1530
FAX: 214 630 1557

TORONTO

80 GALAXY BLVD #13
TORONTO (ETOBICOKE)
ONTARIO CANADA
M9W 4Y8
TEL: 800 666 8473
FAX: 330 877 2346

EUROPEAN SALES OFFICE

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Email: twsb.sales@trelleborg.com

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RESOLUTION ROAD
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FRANCE

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FAX: +48 42 652 5181
Email: tws.poland@trelleborg.com

OVERSEAS SALES OFFICES

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DANDENONG SOUTH
VICTORIA 3175
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FAX: +61 (03) 9794 5044

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LAGO DA PRATA
LENCOIS PAULISTA - SP
BR-CEP 18682-050
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TEL: +65 62 622 112
FAX: +65 62 622 002

SOUTH AFRICA

TRELLEBORG SOUTH AFRICA (PTY) LTD
NEDERVEEN HIGHWAY AND PHILLIPS ROAD
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