

MONARCH M²



TRELLEBORG

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.

AVAILABLE SIZES



Size	Profile	Rim Width	Tire			Load Capacity	
			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
4.00 x 8	RIB	2.50	16.0	4.1	3.5	1,940	1,405
4.00 x 8	RIB	3.00	16.0	4.1	3.5	2,320	1,685
4.00 x 8	RIB	3.56	16.1	4.9	4.3	2,610	1,890
4.00 x 8	RIB	3.75	16.1	4.9	4.3	2,900	2,105
4.00 x 8	M2	3.75	16.1	4.9	4.3	2,900	2,105
5.00 x 8	M2	3.00	18.0	4.8	4.2	2,670	1,935
5.00 x 8	M2	3.75	18.0	6.0	5.4	3,340	2,420
5.00 x 8	RIB	3.75	18.0	6.0	5.4	3,340	2,420
15 x 4.5-8	RIB	3.00	14.8	4.6	4.3	2,000	1,450
16 x 6-8	RIB	4.33	16.2	6.0	5.4	3,170	2,300
18 x 7-8	M2	4.33	18.0	6.2	5.3	3,750	2,700
6.00 x 9	RIB	4.00	20.7	5.5	4.9	4,230	3,065
6.00 x 9	M2	4.00	20.7	5.5	4.9	4,230	3,065
21 x 8-9	M2	6.00	20.4	7.3	6.3	6,190	4,480
6.50 x 10	M2	5.00	22.7	6.3	5.4	5,810	4,210
6.50 x 10	M2	5.50	22.7	6.3	5.4	6,390	4,630
23 x 9-10	M2	6.50	23.0	7.9	7.1	7,520	4,550
200/50-10	M2	6.50	18.0	7.5	7.1	5,200	3,770
7.00 x 12	M2	5.00	25.6	6.8	5.9	6,640	4,810
7.00 x 12	PLAIN	5.00	25.6	6.8	5.9	6,640	4,810
23 x 10-12	M2	8.00	23.1	9.4	8.4	8,820	6,385
27 x 10-12	M2	8.00	26.7	9.4	8.6	8,820	6,385
7.00 x 15	M2	5.50	28.7	7.1	6.4	7,900	5,725
7.50 x 15	M2	5.50	29.4	7.6	6.5	7,900	5,725
7.50 x 15	M2	6.50	29.4	7.6	6.5	9,600	6,900
8.15 x 15	M2	7.00	27.3	8.8	7.8	9,000	6,520
8.25 x 15	M2	6.50	31.8	8.2	7.2	9,200	6,665
28 x 12.5-15	M2	9.75	28.0	11.2	10.3	12,760	9,250
32 x 12.5-15	M2	9.75	31.8	11.5		15,410	11,165
250 x 15	M2	7.00	28.0	8.8	7.6	9,610	6,960
250 x 15	M2	7.50	28.0	8.8	7.7	10,300	7,460
300 x 15	M2	8.00	32.0	10.1	8.7	13,190	9,550
7.50 x 16	M2	5.50	31.8	8.2	7.2	8,610	6,420
9.00 x 20	M2	6.50	38.3	8.7	7.6	13,200	9,650
10.00 x 20	M2	6.50	39.8	9.8	8.6	13,820	10,010
10.00 x 20	M2	8.00	39.8	9.8	8.6	17,010	12,320
12.00 x 20	M2	8.00	43.0	10.2	9.0	17,010	12,320
12.00 x 20	PLAIN	8.00	43.0	10.2	9.0	17,010	12,320
12.00 x 20	M2	8.50	43.0	10.2	9.0	19,700	14,310
12.00 x 20	M2	10.00	42.9	12.3	11.1	23,255	16,840
12.00 x 20	PLAIN	10.00	42.9	12.3	11.1	23,255	16,840
355/50-20	PLAIN	10.00	32.8	12.2	11.4	14,530	10,520

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 - Available upon request.

61 State Route 43 North, Hartville, OH 44632
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MONARCH Press On Tires



TRELLEBORG

Monarch's Rubber Press-Ons are designed for use in Drive or Steer positions, for indoor or outdoor applications. Our special Monolok® process permanently bonds the rubber to the rim for longer lasting performance.

Available in three different profiles - Flat Profile, Mono-Cushion®, Mono-Grip® Wide - and multiple special compounds, Monarch is the technological solution for all your material handling needs.

Monarch Press-On Available Sizes:

Tire Size	Load Capacity	
	10 Mph	6 Mph
8 1/2 x 4 x 4	1,260	1,430
8 x 4 1/2 x 4 1/2	1,400	1,580
9 x 5 x 5	1,740	1,960
10 1/2 x 5 x 5	1,990	2,250
10 x 3 x 6 1/4	970	1,100
10 x 6 x 6 1/4	2,300	2,600
10 x 7 x 6 1/4	2,750	3,100
10 x 4 x 6 1/2	1,400	1,620
10 x 5 x 6 1/2	1,840	2,070
10 1/2 x 5 x 6 1/2	1,940	2,200
10 1/2 x 7 x 6 1/2	2,890	3,270
12 x 4 x 8	1,630	1,850
12 x 4 1/2 x 8	1,890	2,140
12 x 5 1/2 x 8	2,430	2,740
13 x 4 1/2 x 8	2,030	2,300
13 1/2 x 4 1/2 x 8	2,080	2,350
13 1/2 x 5 1/2 x 8	2,720	3,080
13 1/2 x 5 1/2 x 8	2,730	3,080
13 1/2 x 6 1/2 x 8	3,360	3,820
14 x 4 1/2 x 8	2,120	2,390
14 x 5 x 10	2,420	2,730
15 1/2 x 5 x 10	2,670	3,010
15 1/2 x 6 x 10	3,380	3,820
16 x 5 x 10 1/2	2,730	3,090
16 x 6 x 10 1/2	3,460	3,920
16 x 6 x 10 1/2	3,460	3,920
16 x 7 x 10 1/2	4,200	4,750
16 x 7 x 10 1/2	4,200	4,750
15 x 4 x 11 1/4	1,920	2,170
15 x 5 x 11 1/4	2,520	2,850
15 x 6 x 11 1/4	3,120	3,520
15 x 7 x 11 1/4	3,720	4,210
15 x 8 x 11 1/4	4,320	4,890
16 1/4 x 4 x 11 1/4	2,040	2,310
16 1/4 x 5 x 11 1/4	2,760	3,120
16 1/4 x 5 x 11 1/4	2,760	3,120
16 1/4 x 6 x 11 1/4	3,480	3,930
16 1/4 x 7 x 11 1/4	4,190	4,740
16 x 3 1/2 x 12 1/8	1,700	1,920
16 x 4 x 12 1/8	2,020	2,290

Tire Size	Load Capacity	
	10 Mph	6 Mph
17 x 5 x 12 1/8	2,850	3,230
17 x 6 x 12 1/8	3,750	4,260
17 3/4 x 5 x 12 1/8	2,930	3,330
17 3/4 x 6 x 12 1/8	3,750	4,240
18 x 5 x 12 1/8	2,980	3,360
18 x 6 x 12 1/8	3,800	4,290
18 x 7 x 12 1/8	4,620	5,220
18 x 7 x 12 1/8	4,620	5,220
18 x 8 x 12 1/8	5,440	6,150
18 x 8 x 12 1/8	5,440	6,150
18 x 9 x 12 1/8	6,270	7,080
21 x 5 x 15	3,330	3,770
21 x 6 x 15	4,270	4,820
21 x 7 x 15	5,200	5,870
21 x 7 x 15	5,200	5,870
21 x 8 x 15	6,130	6,930
21 x 8 x 15	6,130	6,930
21 x 9 x 15	7,060	7,980
21 x 9 x 15	7,060	7,980
20 x 5 x 16	3,160	3,570
20 x 6 x 16	3,920	4,440
20 x 8 x 16	5,640	6,170
22 x 4 1/2 x 16	2,960	3,350
22 x 6 x 16	4,420	4,990
22 x 7 x 16	5,380	6,080
22 x 8 x 16	6,340	7,170
22 x 9 x 16	7,310	8,260
22 x 10 x 16	8,270	9,350
22 x 12 x 16	10,200	11,530
22 x 14 x 16	12,130	13,710
22 x 6 x 17 3/4	4,270	4,820
24 x 4 x 20	2,740	3,100
26 x 7 x 20	6,080	6,890
28 x 10 x 22	9,910	11,200
28 x 12 x 22	12,220	13,820
28 x 14 x 22	14,530	16,430
28 x 16 x 22	16,840	19,040
36 x 16 x 30	20,330	22,990
40 x 16 x 30	24,560	27,770

COMPOUNDS:



DUAL SERVICE™

A premium compound, unique in that it has been proven to perform well on both internal combustion and electric trucks.

LONG DISTANCE® NON-MARKING

LONG DISTANCE NON-MARKING®

This premium compound is designed for up to 50% longer tread life. Ideal for applications where tread life is essential.

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