



PREMIUM MATERIALS HANDLING PRESS-ON SOLID

MONARCH

Monarch Press-On tires are designed to provide maximum comfort, wear and energy efficiency.

Monarch Press-On tires are available in three profiles: Mono-Cushion®, Mono-Grip Wide® and Flat Profile.

Mono-Cushion® is a crown profile that provides a comfortable ride, great traction and easier steering. This profile is available in traction, smooth and all compounds.

Flat Profile provides a greater contact area, better load distribution for improved life and good traction for both starting and stopping. The Flat Profile is available in all compounds.

Mono-Grip Wide® offers great surface contact area for better traction, better load distribution and less spinning, which results in a longer tire life. This profile is available in all compounds.

PERFORMANCE DEFINED

ENDURANCE

Our tires are built to deliver the **best heat resistance performance** in their class. We invest in **compounding technology and quality raw materials** to ensure exceptional heat resistance. Combined these allow our tires to cope safely with heat build-up longer.

ENERGY SAVING

Trelleborg is a **leading approved tire manufacturer to the OEMs**. We work closely with them to ensure we meet the requirements of energy consumption. This results in **reduced fuel costs** for our customers.

TIRE WEAR

Our expertise in design ensures that our tires are **built to last** in demanding environments. Our tires are designed to match the requirements of the global leading OEM producers delivering a wear **performance that exceeds** all others in their class.

TIRE LIFE

Trelleborg products guarantee **the best tire** performance in the industry. This results in longer tire life, **additional hours of usage**, reduced downtime and lower maintenance costs.

*Testing results concluded from TWS field-testing program.

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PERFORMANCE AGAINST PREMIUM COMPETITOR

- 16% Longer Endurance
- 12% Energy Savings
- 25% Longer Tire Life
- 19% Longer Tire Wear

Tire Size	Metric Size	Pattern & Profile				Load Capacity (lbs)					Weight (lbs)
		Smooth		Traction		Other vehicles up to			Counterbalanced lift trucks up to 15 mph		
		Flat	Crown	Flat	Crown	4 mph	6 mph	10 mph	Load Wheel	Steering Wheel	
8½x4x4	216x102x102		PL			1,530	1,270	1,100			10
9x5x5	229x127x127		PL			2,115	1,740	1,500	1,530	1,255	13
10x3x6¼	254x76x159		PL			3,010	2,470	2,105			9
10x6x6¼	254x152x159		PL			2,800	2,295	2,005	2,040	1,665	19
10x7x6¼	254x178x159		PL			3,340	2,745	2,390			23
10x4x6½	254x102x165		PL			1,720	1,410	1,225	1,245	1,025	13
10x5x6½	254x127x165		PL			2,225	1,830	1,600	1,620	1,335	16
10½x5x6½	267x127x165		PL		NS	2,360	1,940	1,700	1,720	1,410	17
10½x7x6½	267x178x165		PL			3,525	2,890	2,515	2,555	2,095	24
12x3½x8	305x89x203		PL			1,675	1,365	1,310	1,300	990	14
12x4x8	305x102x203		PL			1,995	1,640	1,500	1,455	1,190	16
12x4½x8	305x114x203		PL			2,305	1,895	1,640			19
12x5½x8	305x140x203		PL			2,945	2,415	2,095			23
13x4½x8	330x114x203		PL	MG		2,470	2,030	1,765	1,795	1,475	20
13½x4½x8	343x114x203		PL			2,535	2,070	1,810	1,840	1,510	22
13½x5½x8	343x140x203	FP	PL	GL/MG	NS	3,330	2,735	2,380	2,415	1,975	28
13½x6½x8	343x165x203		PL			4,110	3,375	2,930			32
14x4½x8	356x114x203		PL	MG	NS	2,580	2,115	1,830	1,875	1,530	25
14x5x10	356x127x254		PL		NS	2,945	2,415	2,105	2,140	1,755	25
15½x5x10	394x127x254				NS	3,240	2,670	2,315	2,360	1,930	29
15½x6x10	394x152x254				NS	4,125	3,375	2,930	2,985	2,445	35
16x5x10½	406x127x267		PL	MG	NS	3,330	2,735	2,380	2,415	1,975	33
16x6x10½	406x152x267	FP	PL	MG	NS	4,210	3,460	3,000	3,065	2,515	38
16x7x10½	406x178x267	FP		MG	NS	5,125	4,210	3,660	3,715	3,040	47
15x4x11¼	381x102x286		PL			6,030	4,950	4,220			22
15x5x11¼	381x127x286		PL		NS	3,065	2,515	2,185	2,225	1,830	27
15x6x11¼	381x152x286		PL			3,780	3,110	2,700	2,745	2,250	33
15x7x11¼	381x178x286		PL			4,530	3,725	3,240			39
15x8x11¼	381x203x286		PL			5,260	4,320	3,760			45
16¼x4x11¼	413x101x286				NS	2,490	2,040	1,775			25
16¼x5x11¼	413x127x286		PL		NS	3,375	2,755	2,405	2,435	1,995	31
16¼x6x11¼	413x152x286		PL	MG	NS	4,235	3,485	3,020	3,075	2,515	38
16¼x7x11¼	413x178x286		PL		NS	5,125	4,190	3,640	3,705	3,040	43
16x3½x12½s	406x89x308		PL			2,070	1,700	1,475			20
16x4x12½s	406x102x308		PL			2,470	2,030	1,765	1,785	1,465	23
17x6x12½s	432x152x308		PL		NS	4,365	3,595	3,110	3,165	2,600	41
18x4½x4½	457x114x114		PL			1,435	1,180	1,025			10

PREMIUM

MID-RANGE







ECONOMY

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Tire Size	Metric Size	Pattern & Profile				Load Capacity (lbs)					Weight (lbs)
		Smooth		Traction		Other vehicles up to			Counterbalanced lift trucks up to 15 mph		
		Flat	Crown	Flat	Crown	4 mph	6 mph	10 mph	Load Wheel	Steering Wheel	
18x5x12 ^{1/8}	457x127x308		PL		NS	3,615	2,975	2,580	2,635	2,160	40
18x6x12 ^{1/8}	457x152x308		PL	MG	NS	4,630	3,790	3,305	3,360	2,755	47
18x7x12 ^{1/8}	457x178x308	FP	PL	MG	NS	5,620	4,630	4,010	4,090	3,350	52
18x8x12 ^{1/8}	457x203x308	FP	PL	MG	NS	6,615	5,455	4,740	4,805	3,945	62
18x9x12 ^{1/8}	457x229x308		PL	MG	NS	7,605	6,285	5,455	5,535	4,540	70
21x6x15	533x152x381		PL	MG	NS	5,180	4,255	3,705	3,770	3,085	55
21x7x15	533x178x381	FP	PL	MG	NS	6,340	5,180	4,520	4,595	3,770	66
21x8x15	533x203x381	FP	PL	MG	NS	7,440	6,120	5,345	5,410	4,440	76
21x9x15	533x229x381	FP	PL	MG	NS	8,600	7,055	6,120	6,240	5,115	85
20x8x16	508x203x406		PL		NS	6,645	5,455	4,740			65
20x9x16	508x229x406		PL		NS	7,575	6,215	5,410			74
22x6x16	559x152x406				MG	5,400	4,410	3,835	3,900	3,195	62
22x7x16	559x178x406		PL		NS	6,560	5,400	4,685	4,760	3,900	70
22x8x16	559x203x406		PL	MG	NS	7,715	6,340	5,510	5,610	4,595	78
22x9x16	559x229x406		PL	MG	NS	8,930	7,330	6,340	6,460	5,290	92
22x10x16	559x254x406		PL			10,085	8,265	7,165	7,310	5,995	103
22x12x16	559x305x406		PL		NS	12,400	10,195	8,875	9,015	7,385	126
22x6x17 ^{1/4}	559x152x451				NS	5,170	4,245	3,695	3,750	3,075	53
28x10x22	711x254x559		PL		NS	12,060	9,900	8,610	8,750	7,175	140
28x12x22	711x305x559		PL		NS	14,860	12,215	10,625	10,805	8,850	169
28x14x22	711x356x559		PL			17,680	14,530	12,610	12,830	10,540	194
28x16x22	711x406x559		PL			20,435	16,800	14,595	14,835	12,170	224
36x12x30	914x305x762		PL			17,970	14,760	12,830			228
36x16x30	914x406x762	FP				24,760	20,340	17,680			307
40x16x30	1016x406x762		PL			27,380	22,400	17,770	18,850	15,640	507

SPECIAL COMPOUNDS AVAILABLE

					
Non-Marking	Electrically Conductive	Power Saver (Rolling Resistant)	Heavy Duty	Chemical Resistant (Scrubber)	Dual Service

TREAD PATTERNS

			
FP / PL	GL	NS	MG

Note: The provided weights refer to the PL profile where present, otherwise the weight of the FP profile is given.



Trelleborg is a world leader in engineered polymer solutions that seal, damp and protect critical applications in demanding environments. Our innovative engineered solutions accelerate performance for customers in a sustainable way. The Trelleborg Group has local presence in over 40 countries around the world.

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