

Pneumatic wheels - steel core



Steel centre pneumatics:

One piece, continuous precision welding gives a strong, wobble free wheel. Centres up to and including the 500x6 are manufactured from 1.8mm (1/16") steel, and the 650x8 is of 2mm (1/8") thick steel

[NOTE: some of the cheaper centres on the market are manufactured from steel as thin as 0.6mm (1/32")]

Bearings:

'Deep Groove' shielded bearings fitted to a toughened heavy duty housing gives true running and extra strength (NOTE: Deep groove bearings can last up to 3 times longer than normal pressed bearings).

Tyres:

4 ply and 6 ply (on HWY tread) for longer, rougher life (many imports use 2 ply).

Tread patterns:

For wheels pulled or pushed at low speeds (not driven) the tread pattern is not critical. The following are standard; other patterns can be offered by negotiation.

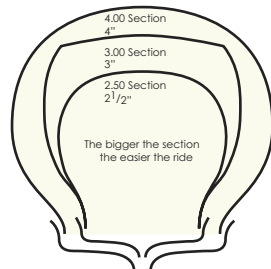
- IND:** The normal industrial tread, a round profile with an even pattern for general use. Strongly marked cross lines on a fairly flat tread surface. Good for running in straight lines.
- LUG:** This knobby pattern is often preferred for outdoor use, where its strongly marked tread takes a good grip on soft ground.
- DMD:** Diamond shaped pads on a flatter surface. Often used in rougher construction sites. Good for softer grassed surfaces, but may become clogged with mud.
- GRA:** A wide tread, designed specifically with ride-on mowers and associated equipment in mind. Will traverse virtually any surface they come across.

WARNING

The load and cold inflation pressures imposed on the combination of tyre and wheel must not exceed the recommendations, even though the tyre is approved for a higher load or inflation pressure.

USE OF PNEUMATIC WHEELS OTHER THAN AS RECOMMENDED CAN BE DANGEROUS.

If in doubt contact the factory for advice.



* ID of bearing is reduced by inserting flanged nylon bush into the standard bearing - add 4mm to hub width

Tread Pattern	Diameter x Width	Wheel Code	Bearing Type	Inflation	Capacity at various speeds	
					8 km/hr 5mph	15km/hr 10mph
	220x54 8 3/4 x 2 1/8"	250X4LGG-SB20	Cone 20 X 60 20mmX2 3/8" *5/8", 3/4"	210. k.p.a. 30 psi DO NOT over inflate	120KB 265lb	100KB 220lb
	220x54 8 3/4 x 2 1/8"	250X4LUG-SB20	Cone 20 X 60 20mmX2 3/8" *5/8", 3/4"		120KB 265lb	100KB 220lb
	275x65 11 x 2 1/2"	250X6IND-SB10	Cone 1" X 60 1 x 2 3/8" *5/8", 3/4", 20mm		140kg 310lb	90kg 200lb
	250x70 10 x 3/4"	300X4DMD-SB20	Cone 20 X 60 20mmX2 3/8" *5/8", 3/4"		140kg 310lb	110kg 240lb
	265x70 10 1/2 x 2 3/4"	350X4DMD-SB20			180kg 395lb	160kg 350lb
	320x80 12 5/8 x 3 1/8"	350X4ZGG-SB10	Cone 1" X 60 1 x 2 3/8" *5/8", 3/4", 20mm		200kg 440lb	180kg 395lb
	320x80 12 5/8 x 3 1/8"	350X6KNO-SB10	Cone 1" X 60 1 x 2 3/8" *5/8", 3/4", 20mm		200kg 440lb	180kg 395lb
	400x100 16x4"	400X8HWY-SQ10 available in 410 Series as V11662812	Ball 1" X 72 1X2 7/8"		360kg 795lb	340kg 750lb
	400x100 16x4"	400X8KNO-SB10	Cone 1" X 107 1x4 1/4" *5/8", 3/4 or 20mm		220kg 485lb	200kg 440lb
	330x125 13 1/2 x 5"	500X6GRA-SB10	Cone 1" X 107 1x4 1/4" *5/8", 3/4 or 20mm		130kg 285lb	100kg 220lb
	420x165 16 1/2 x 6 1/2"	650X8GRA-SB10	Cone 1" X 150 1x6" *5/8", 3/4 or 20mm		230kg 510lb	200kg 440lb

100 - 360kg 220 - 800lb

Pneumatic wheels - steel |

core

Pneumatic wheels - plastic core



Plastic centre pneumatics:

- Thick sections, large radii, multi-web design for strength (stronger than most imported steel centres)
- Corrosion resistant polypropylene with UV fade protection
- High engineering standards for wobble-free wheels

Bearings:

'Deep Groove' shielded bearings fitted to a toughened heavy duty housing enables true running and extra strength (NOTE: Deep groove bearings can last up to 3 times longer than normal pressed bearings).

Tyres:

4 ply (6 ply on HWY tread) for longer, rougher life (many imports use 2 ply).

Tread patterns:

For wheels pulled or pushed at low speeds (not driven) the tread pattern is not critical. The following are standard; other patterns can be offered by negotiation.

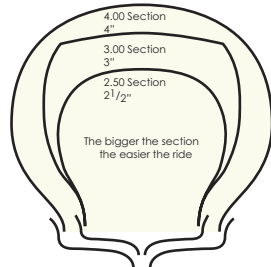
- IND:** The normal industrial tread, a round profile with an even pattern for general use.
RIB: Straight lines along the tread, common on wheelchairs (plastic rims only).
KNO: This knobby pattern is often preferred for outdoor use, where its strongly marked tread takes a good grip on soft ground.
DMD: Diamond shaped pads on a flatter surface. Often used in rougher construction sites. Good for softer grassed surfaces, but may become clogged with mud.

WARNING

The load and cold inflation pressures imposed on the combination of tyre and wheel must not exceed the recommendations, even though the tyre is approved for a higher load or inflation pressure.

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If in doubt contact the factory for advice.



* ID of bearing is reduced by inserting flanged nylon bush into the standard bearing
 - add 4mm to hub width

Tread Pattern	Diameter x width	Wheel Code	Bearing Type		Inflation pressure	Capacity at various speeds	
			ID x width	Standard Optional		8 km/hr 5mph	15KM/hr 10mph
	200x50 8x2"	200X50RIB-PR20	Roller	20 X 60 20mmX23/8"	210. k.p.a. 30 psi DO NOT over inflate	75kg 165lb	
		200X50RIB-PQ12	Ball	12 X 60 12mmX23/8"			
	220x54 83/4x21/8"	250X4LGG-PWB20	Cone	20 X 60 20mmX23/8" 5/8", 3/4"		100kg 200lb	80kg 175lb
	220x54 83/4x21/8"	250X4LUG-PWB20	Cone	20 X 60 20mmX23/8" 5/8", 3/4"		100kg 200lb	80kg 175lb
		250X4LUG-PWA20	Plain	20 X 60 20mmX23/8" 5/8", 3/4", 1"			
	275x60 11x23/8"	250X6IND-PWB20	Cone	20 X 60 20mmX23/8" 5/8", 3/4"		110kg 310lb	90kg 200lb
		250X6IND-PWA20	Plain	20 X 60 20mmX23/8" 5/8", 3/4", 1"			
	250x70 10x23/4"	300X4DMD-PWB20	Cone	20 X 60 20mmX23/8" 5/8", 3/4"		120kg 265lb	110kg 240lb
		300X4DMD-PWA20	Plain	20 X 60 20mmX23/8" 5/8", 3/4", 1"			
	265x70 10 1/2x23/4"	350X4DMD-PWB20	Cone	20 X 60 20mmX23/8" 5/8", 3/4"		140kg 310lb	90kg 200lb
		350X4DMD-PWA20	Plain	20 X 60 20mmX23/8" 5/8", 3/4", 1"			
	320x80 128/8x31/8"	350X6ZGG-PWB20	Cone	20 X 60 20mmX23/8" 5/8", 3/4"	140kg 310lb	110kg 240lb	
	320x80 128/8x31/8"	350X6KNO-PWB20	Cone	20 X 60 20mmX23/8" 5/8", 3/4"			
		350X6KNO-PWA20	Plain	20 X 60 20mmX23/8" 5/8", 3/4", 1"			
	400x100 16x4"	400X8KNO-PWB10	Cone	1" X 107 1x4 1/4" *5/8", 3/4 or 20mm	200kg 440lb	180kg 395lb	
		400X8KNO-PWA10	Plain	1" X 105 1x4 1/8"			

WARNING - Do not exceed these capacities or speeds