

# Pneumatics



## Wheels

### Puncture-proof wheels

Our premium Australian made polyurethane foam-filled tyres provide the greatest performance and reliability. The foam filling provides a light-weight bouncy performance, similar to air-filling, but without the risk of flat tyres.

These wheels boast 4 ply long life tyres, fitted to two piece wobble-free steel centres that are manufactured from thick 1.8 mm steel—unlike cheaper imports with 2 ply tyres and rims made from thin 0.6 mm steel.

### Steel centred wheels

Designed for strength and performance, our wobble-free steel centred wheels boast 4 ply tyres, rims manufactured from 1.8 mm steel—with the 650 x 8 manufactured from 2 mm steel, and supplied with premium butyl rubber seamless (butt-joined) tubes.

### Plastic centred wheels

Our plastic centred wheels are designed with thicker UV protected polypropylene sections in a multi-web design, making them stronger than most imported steel centres.

Combined with our standard 4 ply tyres and premium butt-joined tubes, these wheels offer excellent performance in wet and corrosive environments.

### Maximum load capacities

Each wheel can carry the recommended load capacity at walking pace—8 km/h. If you are intending to tow your load, it is recommended that you do not use wheels with plastic centred rims, or exceed 15 km/h while carrying half the recommended load capacity.

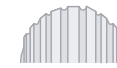
### Maximum inflation

Do NOT inflate over recommended tyre inflation pressure (30 psi).

Do NOT allow tyre pressure to drop below 20 psi or wheel may deflate and become very difficult to re-inflate. If you allow the tyre to go flat and you are unable to re-inflate it then you may need to buy an inner tube to be retro fitted to the wheel (see page 66 for spare parts).

**Use of pneumatic wheels other than as recommended can be dangerous.**

### Tread options



**RIB**

Straight lines, grey non-marking rubber. Common for wheelchairs and light duty trolleys that need a softer ride.



**LUG/LGG**

General purpose, outside use. Strongly marked cross lines on a fairly flat tread surface. Good for running in a straight line.

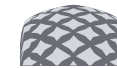


Use LGG code for grey non-marking rubber where available.



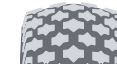
**IND**

The normal industrial type tread, a round profile with an even pattern.



**DMD**

Chunky Diamond or Star shaped pads on a flatter surface. Often used in rougher construction sites. Good for softer grass surfaces but may become clogged with mud.



**STR**

Good for softer grass surfaces but may become clogged with mud.



**KNO**

This knobby pattern is often preferred for outdoor use, good for gravel or uneven terrain.



**HWY**

Designed to have a higher load rating for industrial work sites.



**GRA**

A wide tread, designed specifically with ride-on mowers and associated equipment in mind. Will traverse virtually any surface they come across.

\* See page 66 for spare parts.




## Steel centred wheels

### Features

- Strong 1.8 mm steel rims (2 mm rims for 650 x 8)
- Puncture proof 4 ply long life tyres (6 ply for HWY tread)
- Fitted with heavy duty deep groove shielded bearings (**SB**)
- Made in Australia

### Order codes

Tread	Type	Diameter x tread (mm)	Hub x bore (mm)	Max load (kg) at 8 km/h	Max load (kg) at 15 km/h	Order code	Rim and bearing code	
 <b>LUG</b>	250 x 4	220 x 54	60 x 20	120	100	<b>250X4LUG*</b>	-SB20	20 mm
			60 x 19				-SB34	3/4"
			60 x 16				-SB58	5/8"
 <b>DMD</b>	300 x 4	250 x 70	60 x 20	140	110	<b>300X4DMD*</b>	-SB20	20 mm
			60 x 19				-SB34	3/4"
			60 x 16				-SB58	5/8"
 <b>STR</b>	350 x 4	265 x 70	60 x 20	180	160	<b>350X4STR*</b>	-SB20	20 mm
			60 x 19				-SB34	3/4"
			60 x 16				-SB58	5/8"
 <b>IND</b>	250 x 6	275 x 65	60 x 25.4	140	110	<b>250X6IND<sup>1</sup></b>	-SB10	1"
			60 x 20				-SB20	20 mm
			60 x 19				-SB34	3/4"
			60 x 16				-SB58	5/8"
 <b>KNO</b>	350 x 6	320 x 80	60 x 25.4	200	180	<b>350X6KNO<sup>1</sup></b>	-SB10	1"
			60 x 20				-SB20	20 mm
			60 x 19				-SB34	3/4"
			60 x 16				-SB58	5/8"
 <b>HWY</b>	400 x 8	400 x 100	70 x 25.4	360	340	<b>400X8HWY<sup>1</sup></b>	-SB10	1"
			70 x 20				-SB20	20 mm
			70 x 19				-SB34	3/4"
			70 x 16				-SB58	5/8"
 <b>KNO</b>	400 x 8	400 x 100	84 x 25.4	220	200	<b>400X8KNO<sup>1</sup></b>	-SB10	1"
			84 x 20				-SB20	20 mm
			84 x 19				-SB34	3/4"
			84 x 16				-SB58	5/8"
 <b>GRA</b>	500 x 6	330 x 125	84 x 25.4	220	200	<b>500X6GRA<sup>1</sup></b>	-SB10	1"
			84 x 20				-SB20	20 mm
			84 x 19				-SB34	3/4"
			84 x 16				-SB58	5/8"
 <b>GRA</b>	650 x 8	420 x 165	150 x 25.4	230	200	<b>650X8GRA<sup>1</sup></b>	-SB10	1"
			150 x 20				-SB20	20 mm
			150 x 19				-SB34	3/4"
			150 x 16				-SB58	5/8"

\* Also available with 15 mm precision bearings. Add **-SQ15** to the end of code. <sup>1</sup> Also available with precision bearings: 20 mm (**-SQ20**), 25 mm (**-SQ25**), 3/4" (**-SQ34**), 5/8" (**-SQ58**) and 1" (**-SQ10**).











## Plastic centred wheels

### Features

- UV protected and corrosion resistant polypropylene rims
- Available with heavy duty deep groove shielded bearings (**PWB**), or plain bearings (**PWA**). RIB tread available with roller bearings (**PR**) or precision bearings (**PQ**)
- Made in Australia

### Order codes

Tread	Style	Diameter x tread (mm)	Hub x bore (mm)	Max load (kg) at 8 km/h	Max load (kg) at 15 km/h	Order code	Rim and bearing code	
 <b>RIB</b> (non-marking)	200 x 50	200 x 50	60 x 20	75	Not suitable	<b>200X50RIB</b>	-PR20	20 mm
			60 x 12				-PQ12	12 mm
 <b>LUG</b>	250 x 4	220 x 54	60 x 20	100	Not suitable	<b>250X4LUG*</b>	-PWB20	20 mm
			60 x 19				-PWB34	3/4"
			60 x 16				-PWB58	5/8"
 <b>LGG</b> (non-marking)	250 x 4	220 x 54	60 x 20	100	Not suitable	<b>250X4LGG*</b>	-PWB20	20 mm
			60 x 19				-PWB34	3/4"
			60 x 16				-PWB58	5/8"
 <b>IND</b>	250 x 6	275 x 60	60 x 20	110	Not suitable	<b>250X6IND*</b>	-PWB20	20 mm
			60 x 19				-PWB34	3/4"
			60 x 16				-PWB58	5/8"
 <b>DMD</b>	300 x 4	250 x 70	60 x 20	120	Not suitable	<b>300X4DMD*</b>	-PWB20	20 mm
			60 x 19				-PWB34	3/4"
			60 x 16				-PWB58	5/8"
 <b>STR</b>	350 x 4	265 x 70	60 x 20	140	Not suitable	<b>350X4STR*</b>	-PWB20	20 mm
			60 x 19				-PWB34	3/4"
			60 x 16				-PWB58	5/8"
 <b>KNO</b>	350 x 6	320 x 80	60 x 20	140	Not suitable	<b>350X6KNO*</b>	-PWB20	20 mm
			60 x 19				-PWB34	3/4"
			60 x 16				-PWB58	5/8"
 <b>KNO</b>	400 x 8	400 x 100	105 x 25.4	200	Not suitable	<b>400X8KNO<sup>1</sup></b>	-PWB10	1"
			105 x 20				-PWB20	20 mm
			105 x 19				-PWB34	3/4"
			105 x 16				-PWB58	5/8"

\* Also available with 1" plain bearings, indicated with an **A**, e.g.. 250X4LUG-PWA20.

<sup>1</sup> Also available with plain bearing.








## Puncture proof wheels

### Features

- Puncture proof 4 ply long life tyres
- Available in thick 1.8 mm thick steel rims
- Fitted with heavy duty deep groove shielded bearings (**SB**) or precision bearings (**SQ**)

### Order codes

Tread	Type	Diameter x tread (mm)	Hub x bore (mm)	Max load (kg) at 8 km/h	Max load (kg) at 15 km/h	Order code	Rim and bearing code
 <b>RIB</b> (non-marking)	200 x 50	<b>200</b> x 50	<b>60</b> x 12.7	50	Not suitable	<b>P200X50RIB</b>	<b>-SQ05</b> 1/2"
 <b>LUG</b>	250 x 4	<b>220</b> x 54	60 x 20 60 x 19 60 x 16 60 x 15	75	40	<b>P250X4LUG</b>	<b>-SB20</b> 20 mm <b>-SB34</b> 3/4" <b>-SB58</b> 5/8" <b>-SQ15</b> 15 mm
 <b>IND</b>	250 x 6	<b>275</b> x 65	60 x 25.4 60 x 20 60 x 19 60 x 16	90	50	<b>P250X6IND</b>	<b>-SB10</b> 1" <b>-SB20</b> 20 mm <b>-SB34</b> 3/4" <b>-SB58</b> 5/8"
 <b>STR</b>	350 x 4	<b>265</b> x 70	60 x 20 60 x 19 60 x 16 60 x 15	100	70	<b>P350X4STR</b>	<b>-SB20</b> 20 mm <b>-SB34</b> 3/4" <b>-SB58</b> 5/8" <b>-SQ15</b> 15 mm
 <b>KNO</b>	400 x 8	<b>400</b> x 100	80 x 25.4 84 x 20 84 x 19 84 x 16	120	90	<b>P400X8KNO</b>	<b>-SB10</b> 1" <b>-SB20</b> 20 mm <b>-SB34</b> 3/4" <b>-SB58</b> 5/8"