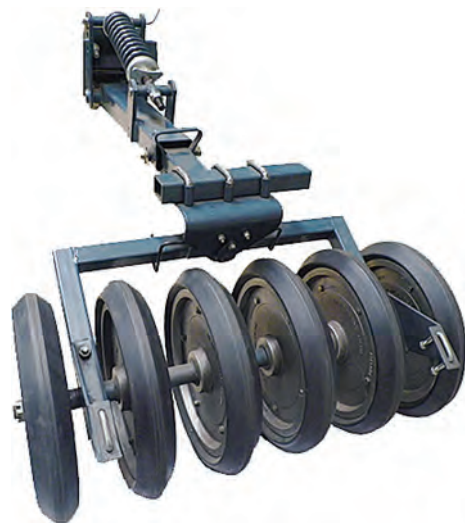


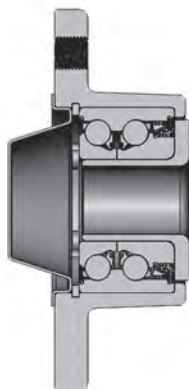
PRESS WHEEL ASSEMBLIES



Section 1

Manutec Wheel Options

Manutec now has two main wheel options. On twin and single assemblies, the default option is now zero maintenance AgriHubs. These are a fully sealed hub unit that require no ongoing maintenance. There are several AgriHub options available.



The alternative for those requiring a fully maintainable wheel option is the Integral Hub. The Integral Hub is a greasable tapered roller bearing wheel. This is the same wheel that Manutec has been using on press wheel assemblies for over 25 years, the latest versions have improved sealing capacity.



Manutec also now has available a range of wider tyres and high sidewall tyres that can be fitted to most Manutec assemblies.



Walking Wheel Assemblies

Walking Wheel Assemblies are a very cost effective option that utilises one single bracket and arms to run a pair of wheels offset fore and aft. They are available in swivel and fixed variants. Walking Wheels are mounted across the back of the machine either on the existing bar (space permitting) or on a new purpose built tool bar. Walking Wheels can be set to suit 5" to 14", higher spacing can also be achieved however Manutec recommends that other options may be better considered. Walking Wheel Assemblies are fitted with zero maintenance AgriHubs as standard or the older style Integral Hub with taper roller bearings.



15"

Twin Swivel
Agri Hub



Twin Swivel
Integral Hub



Single Swivel



Single Swivel
Agri Hub



Twin Fixed



Single Fixed



18"

Twin Swivel
Agri Hub



Twin Swivel



Single Swivel



Single Swivel
Agri Hub



Twin Fixed



Single Fixed



Twin Walking Wheel Assemblies Swivel Variant

NOTE: CATCODE is for the complete Assembly in Flat Pack form.

15" TWIN WALKING WHEEL



Assembly comes standard with AgriHubs

IMPORTANT: Specify 3", 4" or Shearer U-bolts when ordering

To order Integral Hub (tapered roller) version add -IH to CATCODE e.g. PTW023-IH

18" TWIN WALKING WHEEL



NOTE: all assemblies come in Flat Pack form.

	Hi-Flex	Semi-Pneumatic	Semi-Solid	Solid	
NARROW PTW		15PW55FLSP CATCODE: PTW011		15PW55FLSD CATCODE: PTW010	
		15PW55WGSP CATCODE: PTW013		15PW55WGSD CATCODE: PTW012	
		15PW55DOSP CATCODE: PWT009			
		16PW70VCSP CATCODE: PTW015		16PW70VCSD CATCODE: PTW017	
		15PW75RDSP CATCODE: PTW017			
		15PW80FLSP CATCODE: PTW069			
	15PW80WGSF CATCODE: PTW022		15PW80WGSP CATCODE: PTW023		15PW80WGSS CATCODE: PTW090
	High Sidewall >	PW131680WSP CATCODE: PTW133		PW131680WSS CATCODE: PTW132	
		16PW80WCSP CATCODE: PTW070			16PW80WCSD CATCODE: PTW019
	High Sidewall >	PW131680FSP CATCODE:		PW131680FSS CATCODE:	
	16PW100RCSF CATCODE: PTW200		16PW100RCSP CATCODE: PTW119		16PW100RCSS CATCODE: PTW201
	15PW100FLSF CATCODE: PTW120		15PW100FLSP CATCODE: PTW006		15PW100FLSS CATCODE: PTW072
		15PW110WGSP CATCODE: PTW008		15PW110WRSS CATCODE: PTW136	
		15PW140PRSP CATCODE: PTW137		15PW140PRSS CATCODE: PTW139	
		16PW130WGSP CATCODE: PTW138		16PW130WRSS CATCODE: PTW140	
	SOFT		THICK	HARD	
WIDE PTW	Hi-Flex	Semi-Pneumatic	Semi-Solid	Solid	
		18PW55FLSP CATCODE: PTW011		18PW55FLSS CATCODE: PTW074	18PW55FLSD CATCODE: PTW077
		18PW55WGSP CATCODE: PTW054		18PW55WGSS CATCODE: PTW075	18PW55WGSD CATCODE: PTW078
	18PW80WGSF CATCODE: PTW202		18PW80WGSP CATCODE: PTW056		18PW80WGSS CATCODE: PTW057
					18PW80WGSD CATCODE: PTW055
	18PW100H SF CATCODE: PTW073		18PW100H SP CATCODE: PTW051		18PW100H SS CATCODE: PTW076
					18PW100H SD CATCODE: PTW050
			18PW110WGSP CATCODE: PTW121		18PW110WGSS CATCODE: PTW122
			18PW120FLSP CATCODE: PTW052		18PW120FLSS CATCODE: PTW123
					18PW100FRSD CATCODE: PTW079
		SOFT		THICK	HARD

HIGH SIDEWALL WIDER TYRE OPTIONS AVAILABLE - PLEASE CALL TO DISCUSS

Twin Walking Wheel Assemblies Fixed Variant

NOTE: CATCODE is for the complete Assembly in Flat Pack form.

15" - 16" TWIN WALKING WHEEL



Assembly comes standard with AgriHubs.

IMPORTANT: Specify 3", 4" or Shearer U-bolts when ordering

To order Integral Hub (tapered roller) version add -IH to CATCODE e.g. PTW047-IH

18" TWIN WALKING WHEEL



NOTE: all assemblies come in Flat Pack form.

	Hi-Flex	Semi-Pneumatic	Semi-Solid	Solid	
NARROW		15PW55FLSP CATCODE: PTW081		15PW55FLSD CATCODE: PTW082	
		15PW55WGSP CATCODE: PTW083		15PW55WGSD CATCODE: PTW115	
		15PW55DOSP CATCODE: PTW084			
		16PW70VCSP CATCODE: PTW085		16PW70VCSID CATCODE: PTW086	15PW70VFSID CATCODE: PTW087
		15PW75RDSP CATCODE: PTW088			
		15PW80FLSP CATCODE: PTW089			
		15PW80WGSF CATCODE: PTW090	15PW80WGSP CATCODE: PTW091	15PW80WGSS CATCODE: PTW092	15PW80WGSD CATCODE: PTW093
	High Sidewall >	PW131680WSP CATCODE: PTW141		PW131680WSS CATCODE: PTW142	
		16PW80WCSP CATCODE: PTW092			16PW80WCSD CATCODE: PTW116
	High Sidewall >	PW131680FSP CATCODE: PTW145		PW131680FSS CATCODE: PTW146	
		16PW100RCSP CATCODE: PTW203	16PW100RCSS CATCODE: PTW204	16PW100RCSS CATCODE: PTW205	15PW90RDSD CATCODE: PTW097
	WIDE / Paired Row	15PW100FLSF CATCODE: PTW118	15PW100FLSP CATCODE: PTW094	15PW100FLSS CATCODE: PTW095	15PW100FLSID CATCODE: PTW096
		15PW110WGSP CATCODE: PTW098	15PW140PRSS CATCODE: PTW135	15PW110WGSD CATCODE: PTW099	
		15PW140PRSP CATCODE: PTW134		15PW150WGSS CATCODE: PTW130	
		16PW130WGSP CATCODE: PTW136		15PW150FWSS CATCODE: PTW131	
SOFT ← → THICK → → HARD					
		18PW55FLSP CATCODE: PTW101	18PW55FLSS CATCODE: PTW106	18PW55FLSD CATCODE: PTW110	
		18PW55WGSP CATCODE: PTW102	18PW55WGSS CATCODE: PTW107	18PW55WGSD CATCODE: PTW111	
		18PW80WGSF CATCODE: PTW205	18PW80WGSP CATCODE: PTW103	18PW80WGSS CATCODE: PTW108	18PW80WGSD CATCODE: PTW112
		18PW100FLSF CATCODE: PTW100	18PW100FLSP CATCODE: PTW104	18PW100FLSS CATCODE: PTW109	18PW100FLSD CATCODE: PTW113
		18PW110WGSP CATCODE: PTW124		18PW110WGSS CATCODE: PTW125	
		18PW120FLSP CATCODE: PTW105		18PW120FLSS CATCODE: PTW126	18PW100FRSD CATCODE: PTW114
SOFT ← → THICK → → HARD					

HIGH SIDEWALL WIDER TYRE OPTIONS AVAILABLE - PLEASE CALL TO DISCUSS

Accessories & Spare Parts (For Wheel Spare Parts see Section 7)

<p>PWWALKLIMIT CATCODE: PSP070</p> <p>Walk Limiter for Walking Wheels</p> 	<p>PWWALKLIMIT-ELD CATCODE: PSP070-ELD</p> <p>walk limiter for walking wheels (extra limited)</p> 	<p>PWUBOLT/105X145 CATCODE: PNB016</p> <p>Ubolt 105x145 (Nylocs) x 16</p> 	<p>PWUBOLT/80X115 CATCODE: PNB026</p> <p>U-Bolt 80x115 (Nylocs) x 16</p> 
<p>PWFOLDSTOP CATCODE: PSP101</p> 	<p>PWFOLDPIN CATCODE: PWA033</p> <p>Fold pin and clip for Walking Wheel bracket</p> 	<p>PW4SP-16 CATCODE: PNB038</p> <p>4" x 16mm Shackle Plate</p> 	<p>PW3SP-16 CATCODE: PNB037</p> <p>3" x 16mm Shackle Plate</p> 
<p>PWUBOLT/SHEARER CATCODE: PNB030</p> <p>U-Bolt 100x100x16 Diamond Back to suit ShearerBar</p> 	<p>PWBRACKET-SHEARER CATCODE: PNB008</p> <p>Bracket to suit ShearerBar (Ubolt not provided)</p> 	<p>PWASS/TLARM CATCODE: PSP085</p> <p>Walking Wheel Lower Arm (Twin) (Grey)</p> 	<p>PWASS/UARM CATCODE: PSP086</p> <p>Walking Wheel Upper Arm (Grey)</p> 
<p>PWASS/RARM CATCODE: PSP083</p> <p>Walking Wheel Rocker Arm (Twin Only) (Grey)</p> 	<p>PWASS/SLARM CATCODE: PSP084</p> <p>Walking Wheel Lower Arm (Single) (Grey)</p> 	<p>PWBUSH-WWHK CATCODE: PSP179</p> <p>Swivel Bush Walking Wheel Kit Horizontal Swivels</p> 	<p>PWSWIVELSEAL CATCODE: PWA028</p> <p>Rubber Seal for Press Wheel Swivels</p> 
<p>PWNYLONPLATES CATCODE: PSP046</p> <p>Black Nylon Wear Plates for Assembly Upper Arms ((2 x Plates / 4 x Rivets)</p> 	<p>PWBUSH-WWVK CATCODE: PSP180</p> <p>Swivel Bush Walking Wheel Kit Vertical Swivels</p> 	<p>BOLTM16X110 CATCODE: PNB004</p> <p>M16x110 Bolt and Nyloc to suit Press Wheel Bracket</p> 	<p>BOLTM16X150 CATCODE: PNB005</p> <p>M16x150 Bolt and Nyloc to suit Press Wheel Swivels</p> 
<p>PWBNG/25SB-J CATCODE: PBS019-J</p> <p>25mm Sealed Bearing (to suit Press Wheel Swivels)</p> 	<p>PWWWASSSPRING CATCODE: PSP082</p> <p>Walking Wheel Spring</p> 	<p>PWHS-SET CATCODE: PSP126</p> <p>Walking Wheel rocker arm swivel set (1 x bolt, 2 x bush, 2 x bearings, 2 x seal)</p> 	<p>PWVS-SET CATCODE: PSP127</p> <p>Walking Wheel upper arm swivel set (1 x bolt, 2 x bush, 2 x bearings, 1 x seal)</p> 
<p>PWWWASSBRACK/GREY CATCODE: PSP079</p> 			

Swivel & Fixed Arm Assemblies (High Mount)

Swivel Arm Assemblies are designed to be mounted either on the rear frame of a machine or on a false bar mounted off the rear frame. Swivel Arm Assemblies can be used in conjunction with walking wheels or independently. The fixed arm variant is for those customers that do not require the swivel capability. All swivel arm assemblies are standard with Agri-Hub or as an option with the older style integral Hub with taper roller bearings.



These two pictures show single swivel assemblies set up in a staggered configuration across the back of a machine with seed tubes fitted. Seed tubes are available to be adapted to these units.



This picture shows rear mounted swivel assemblies set up as twin fixed spacing assemblies across the back of a machine. A double ended axle is used in this configuration. Low mount assemblies are also available.

Inframe Assemblies



Manutec Inframe Mounted Assemblies:

- Suits 3" or 4" Mount on most Tool Bars
- Swivel and seed boot combination gives greater tracking accuracy
- A range of seed tube options is available to suit this assembly, giving greater accuracy for seed depth placement
- Each unit acts independently
- Large range of wheel and tyre options to suit all conditions
- All units standard with Agri Hubs and also available in Integral Hubs (tapered roller bearing) model

The Manutec Inframe assembly puts the wheel in as close as possible to the sowing tyne without having the shock and vibration issues of a tyne mounted assembly.

The Inframe assembly also has the added bonus of being able to have a secondary seed tube attached to the assembly so that the seed tube can be positioned just in front of the press wheel and so that the depth of seed is governed by the press wheel.

This method of seed placement works best with small seeds and is particularly beneficial where inconsistent seed depth or too greater seed depth is a problem.

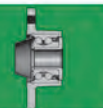
Manutec does two different variants of seed tubes one for small seeds and an adjustable version for medium and large seeds.

Wheel Options

All wheels come standard with Agri Hubs on a 40mm stub. A range of wheel size and tyre options are available. Inframe Assemblies are also available with the Integral Hubs (tapered roller bearing).



Zero Maintenance
Agri Hub
(Repair by replacement)



Greasable Integral Hub
(Fully maintainable)



Ford Hub/Holden HT Hub
(Fully maintainable)



To order single inframe assemblies

- 1) Choose the tyre and wheel size option from the previous page
- 2) Choose the bar size (3" or 4")
- 3) Choose optional seed tube
- 4) Measure and fill in dimension and information below:

Frame Spacing

a =

Working Depth (Ground)

b =

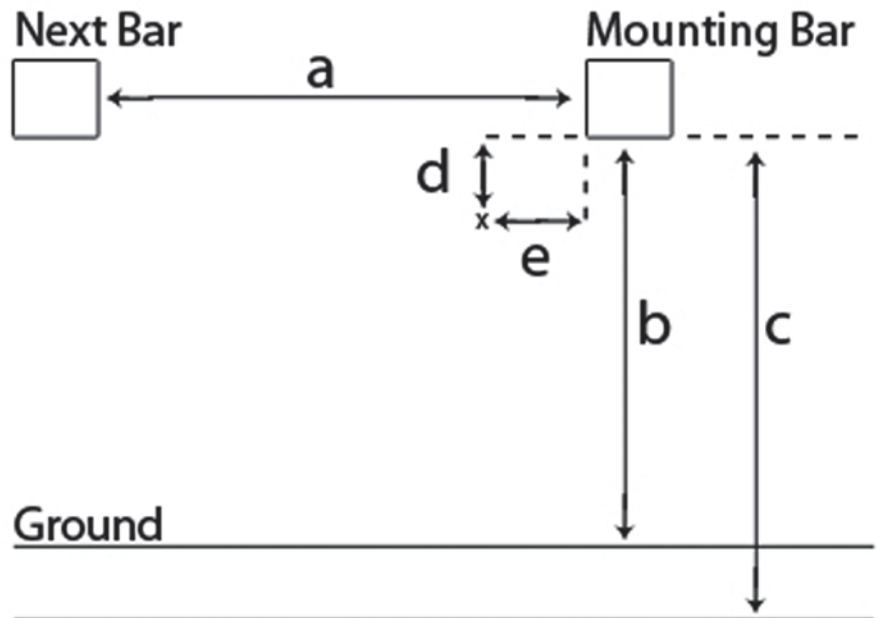
Working Depth (Point)

c =

Pivot Position (Tyne)

d =

e =



What Brand and Model Machine

What Tyne Spacing

What Points

What Breakout

Inframe Spares & Accessories (For Wheel Spares see Section 7)

<p>PWIFCLAMP100 CATCODE: PSW231</p>  <p>In-Frame Swivel Assembly Mounting Clamp/Bolts (100mm)</p>	<p>PWIFCLAMP75 CATCODE: PSW232</p>  <p>In-Frame Swivel Assembly Mounting Clamp/Bolts (75mm)</p>	<p>PWIFLOKWASHER CATCODE: PSW233</p>  <p>In-Frame Swivel Assembly Locking Washer</p>	<p>PWIFMOUNTBRACKET CATCODE: PSW234</p>  <p>In-Frame Swivel Assembly Mounting Bracket</p>
<p>PWIFSWL1 CATCODE: PSW235</p>  <p>In-Frame Swivel Assembly Lower Arm 1</p>	<p>PWIFSWL2 CATCODE: PSW236</p>  <p>In-Frame Swivel Assembly Lower Arm 2</p>	<p>PWIFSWL3 CATCODE: PSW237</p>  <p>In-Frame Swivel Assembly Lower Arm 3</p>	<p>PWIFSWU1 CATCODE: PSW238</p>  <p>In-Frame Swivel Assembly Upper Arm 1</p>
<p>PWIFSWU2 CATCODE: PSW239</p>  <p>In-Frame Swivel Assembly Upper Arm 2</p>	<p>PWIFSWU3 CATCODE: PSW240</p>  <p>In-Frame Swivel Assembly Upper Arm 3</p>	<p>PWIFSWU4 CATCODE: PSW241</p>  <p>In-Frame Swivel Assembly Upper Arm 4</p>	<p>PWBUSH-WWVK CATCODE: PSP180</p>  <p>Swivel Bush Walking Wheel Kit Vertical Swivels</p>
<p>PWNYLONPLATES CATCODE: PSP046</p>  <p>Black Nylon Wear Plates for Assembly Upper Arms</p>	<p>WASHER-WW CATCODE: PNB033</p>  <p>Walking wheel swivel washer</p>	<p>WASHER-WWHEX CATCODE: PNB034</p>  <p>W/O walking wheel swivel washer HEX</p>	<p>WASHER-WWTHIN CATCODE: PNB035</p>  <p>Walking wheel swivel Washer THIN</p>
<p>BOLTM16X110 CATCODE: PNB004</p>  <p>M16x110 Bolt and Nyloc to suit Press Wheel Bracket</p>	<p>BOLTM16X150 CATCODE: PNB005</p>  <p>M16x150 Bolt and Nyloc to suit Press Wheel Swivels</p>	<p>PWWWASSSPRING CATCODE: PSP082</p>  <p>Walking Wheel Spring</p>	<p>PWVS-SET CATCODE: PSP127</p>  <p>Walking Wheel upper arm swivel set (1 x bolt, 2 x bush, 2 x bearings)</p>

Inframe Spares & Accessories

<p>TUNG TIP CATCODE: PSW244</p>  <p>Replacement Tungsten Tip Suits Seed Tube</p>	<p>PWSEEDARM CATCODE: PWA010</p>  <p>Connecting Arms for Seed Boot Tube (Round tube)</p>	<p>PWSEEDARMADJ CATCODE: PWA011</p>  <p>Adjustable Connecting Arms for Seed Boot Tube (Square tube)</p>	<p>PWSEEDARMELBOW CATCODE: PWA033</p>  <p>Connecting Arms for Seed Boot Tube - Elbow (Round tube)</p>
<p>PWSEEDBOOTADJ CATCODE: PWA012</p>  <p>Seed Boot Attachment for Press Wheel Assembly (Complete) Adjustable (Square Tube)</p>	<p>PWSEEDBOOTH D CATCODE: PWA013</p>  <p>HD Seed Boot Attachment for PW Assembly (Complete) Built in HD Spring (Round Tube)</p>	<p>PWSEEDBOOTSP CATCODE: PWA014</p>  <p>Seed Boot Attachment for Press Wheel Assembly (Complete) Built in Spring (Round Tube)</p>	<p>PWSEEDTUBE CATCODE: PWA015</p>  <p>Tube for Seed Boot Attachment Built in Spring (Round Tube)</p>
<p>PWSEEDTUBE-NS CATCODE: PWA016</p>  <p>Tube for Seed Boot Attachment No Spring</p>	<p>PWSEEDTUBEADJ CATCODE: PWA017</p>  <p>Adjustable Tube for Seed Boot Attachment (Square Tube)</p>	<p>PWSTUBEHOSE CATCODE: PWA027</p>  <p>Connecting Hose for Seed Tube</p>	<p>SEEDTUBEADJ-TOP CATCODE: PWA032</p>  <p>Top Section of Adjustable Seed Tube No Spring Section (Square Tube)</p>
<p>PWSEEDTUBEHD CATCODE: PWA021</p>  <p>HD Tube for Seed Boot Attachment Built in HD Spring (Round Tube)</p>	<p>PWSEEDUBOLT CATCODE: PWA022</p>  <p>UBolts for Seed Boot Tube Connecting Arms</p>	<p>PWSEEDUBOLT100 CATCODE: PWA023</p>  <p>100mm UBolts for Seed Boot Tube Connecting Arms</p>	<p>PWSEEDUBOLTSQ CATCODE: PWA024</p>  <p>UBolts for Adjustable Seed Tube Connecting Arms</p>
<p>PWARMPLATE CATCODE: PNB035</p> 	<p>PWARMPLATEBT CATCODE: PNB036</p> 	<p>PWFOLDSTOP CATCODE: PSP101</p> 	

Heavy Duty and Light Duty Rear Mounted Swivel Assemblies

Swivel Arm Assemblies are designed to be a light weight assembly mounted on a low tool bar across the back of the machine. For heavy duty farming environments we recommend the HD option. The light duty assembly is a lighter weight construction and therefore is not recommended in heavy duty farming environments.



Light Duty Single Rear
Mount Assembly
15" Agrihub Wheel.



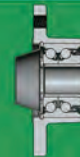
Heavy Duty Single Rear
Mount Assembly
15" Agrihub Wheel.



Heavy Duty Single Rear
Mount Assembly
18" Agrihub Wheel.

Also Available an
extra lightweight
Zero Maintenance
wheel to suit the
Light Duty Rear
Mounted Swivel
Assemblies

Zero Maintenance
Agri Hub
(Repair by replacement)



Greasable Integral Hub
(Fully maintainable)



Mounting Options

A range of mounting options are available for this type of assembly. The simplest and cheapest is to build a new fixed toolbar off of the existing rear frame of the machine.

Mounting Arms as per above are available if a more temporary solution is required, however this will add cost. Manutec carries a complete range of spare parts for all products and most parts can be shipped within 24 hours of ordering.

Single Rear (Low Mount) Wheel Assemblies

NOTE: CATCODE is for the complete Assembly in Flat Pack form.

15" SINGLE REAR (LOW MOUNT LIGHT DUTY)



PRM



PRM-HD

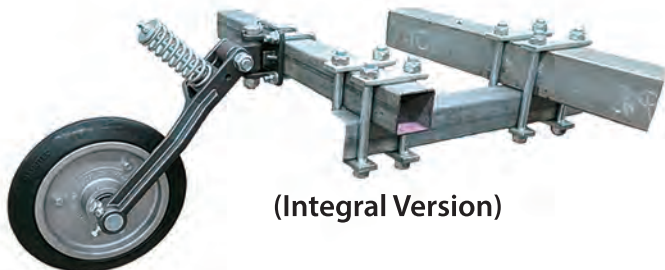
15" SINGLE REAR (LOW MOUNT HEAVY DUTY)

NARROW

WIDE

Hi-Flex	Semi-Pneumatic	Semi-Solid	Solid
	15PW55FLSP CATCODE: PRM006		15PW55FLSD CATCODE: PRM021
	15PW55WGSP CATCODE: PRM008		15PW55WGSD CATCODE: PRM007
	15PW55DOSP CATCODE: PRM005		
	16PW/0VCSP CATCODE: PRM022		16PW/0VCSD CATCODE: PRM023
	15PW/5RDSP CATCODE: PRM012		15PW/0VESD CATCODE: PRM011
	15PW80FLSP CATCODE: PRM021		
15PW80WGSF CATCODE: PRM016		15PW80WGSP CATCODE: PRM017	
High Sidewall >	PW131680WSP CATCODE: PRM030		15PW80WGSD CATCODE: PRM015
	16PW80WCSP CATCODE: PRM014		15PW80WGSS CATCODE: PRM018
High Sidewall >	PW131680WSS CATCODE: PRM031		16PW80WCSD CATCODE: PRM025
	16PW80WCSF CATCODE: PRM030		PW131680FSS CATCODE: PRM035
	15PW100RCSF CATCODE: PRM030		16PW100RCSP CATCODE: PRM028
	15PW100FLSF CATCODE: PRM029		16PW100RCSS CATCODE: PRM031
	15PW110WGSP CATCODE: PRM004		15PW90RDSF CATCODE: PRM019
	15PW140PRSP CATCODE: PRM037		15PW100FLSS CATCODE: PRM027
	16PW130WGSP CATCODE: PRM039		15PW100FLSD CATCODE: PRM001
		15PW140PRSS CATCODE: PRM036	15PW110WGSD CATCODE: PRM003
		15PW150WGSS CATCODE: PRM038	
		15PW150FWSS CATCODE: PRM040	

SOFT THICK HARD



- For Heavy Duty option use same catcode as Light Duty but add 'HD' to catcode. ie PRM017-HD
- The Heavy Duty option comes standard with zero maintenance Agri Hubs to order with integral Hubs. Add IH to catcode. ie PRM017-HD-IH
- Manutec do not recommend fitting 18" wheels to the light duty assembly. To order the Heavy Duty variant with 18" wheels please call for codes.

IMPORTANT:
Come standard with 3" U-Bolts

NOTE: all assemblies come in Flat Pack form.

Press Wheel Single Rear (Low Mount)

Spares & Accessories (For Wheel Spares see Section 7)

<p>PWSRMNTARM CATCODE: PSP049 SRMNT Arm Assembly Includes Spring, Rod etc WEIGHT: 2.85kg</p>  <p>Suits light duty model</p>	<p>PWSRMNTBUSHSET CATCODE: PSP050 Single Rear Mount Bush Set Large and Small WEIGHT: 0.05kg</p>  <p>Suits light duty model</p>	<p>PWSRMNTROD CATCODE: PSP051 Spring Rod - SRMNT Assembly WEIGHT: 0.30kg</p>  <p>Suits light duty model</p>	<p>PWSRMNTSPRING CATCODE: PSP052 Spring - Single Rear Mount Assembly WEIGHT: 0.40kg</p>  <p>Suits light duty model</p>
<p>PWSRMNTTOP CATCODE: PSP053 Spring Top Plate - SRMNT Assembly WEIGHT: 0.15kg</p>  <p>Suits light and heavy duty model</p>	<p>PWOCAPIH CATCODE: POC007 Heavy Duty Overcap to Suit Integral Hub WEIGHT: 0.63kg</p> 	<p>PWSRMNT CATCODE: PRM020 Single Rear Mount Swivel Assembly (No Wheels) WEIGHT: 6.35kg</p>  <p>Suits light duty model</p>	<p>PWSEALGUARD CATCODE: PWA009 Seal Guard / Twine Guard WEIGHT: 0.35kg</p> 
<p>PWDCAPP CATCODE: PWA004 Dust Cap Applicator WEIGHT: 0.6kg</p> 	<p>PWSRMNT-HD CATCODE: PRM020-HD Heavy Duty Single Rear Mount Assembly (No Wheels)</p> 	<p>PWSRMNTSPRING-H CATCODE: PSP200 Heavy Spring Single Rear Mount Assembly</p>  <p>Suits light and heavy duty model</p>	<p>PWSRMNTKA CATCODE: PSP127 Swivel knuckle for PWSRMNT</p>  <p>Suits light duty model</p>
<p>PWSRMNTBUSH-HD CATCODE: PSP128</p>  <p>Bush to suit HD Single Rear Mount Assembly</p>	<p>PWSRMNTROD-HD CATCODE: PSP129</p>  <p>Spring Rod to suit HD Spring Rear Mount Assembly</p>	<p>PWSRMNTPIVBOLT-HD CATCODE: PSP130</p>  <p>Pivot Bolt to suit HD Single Rear Mount Assembly</p>	<p>PWSRMNTRNUT CATCODE: PSP131</p>  <p>Nyloc for spring rod assembly</p>
<p>PWSRMNTKNA-NUT CATCODE: PSP132</p>  <p>Nut to suit light duty Single Rear Mount Knuckle</p>	<p>PWSRMNT-WASHER CATCODE: PSP133</p>  <p>Washer to suit light duty Single Rear Mount Pivots</p>	<p>PWSRMNT-WASHERTHICK CATCODE: PSP134</p>  <p>Thick washer to suit light duty Single Rear Mount Pivots</p>	<p>DC-PEER-STD CATCODE: PWA040</p>  <p>Dust cover to suit SKF/Peer Slimline Agrihub</p>

Tyne Mounted Assemblies

Manutec Tyne Mounted Assemblies come standard with ArgiHub Press Wheels and can also be fitted with Integral Hub Wheels.

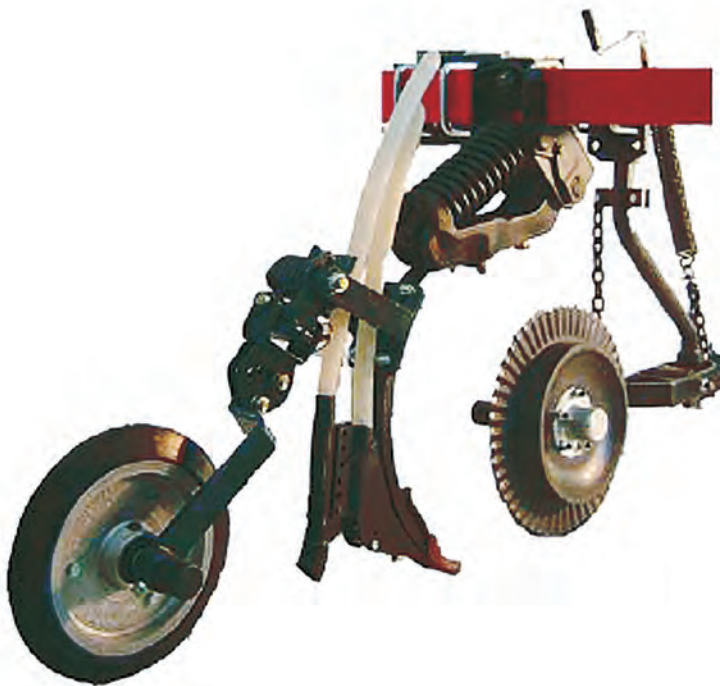
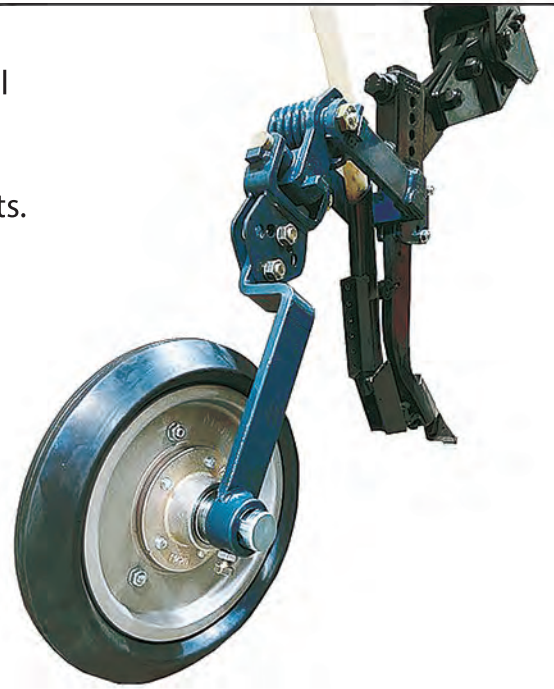
Available in fixed, adjustable and semi-adjustable variants. The tyne mounted assemblies can be fitted to most common tynes.

The semi-adjustable variant has been specifically designed to allow for double shooting.

Available in variants to suit straight edge on tynes or curved flat on tynes.

For other tyne variants, call for advice on suitability.

When ordering specify Tyne type and dimensions.



Tyne mounted press wheel assemblies are available in three variants, fixed, adjustable and semi-adjustable.

The fixed variant is only suitable for use on standard "C" shank flat on tynes such as used on Flexicoil machines.

The adjustable and semi-adjustable tyne mounted assemblies can be used on either curved or edge on tynes.

The adjustable tyne mount has greater adjustability and is generally used for single shooting.

The semi adjustable tyne mount is specifically designed for double shooting as it has a longer throat to allow for two oversize tubes to be fitted.

The edge on variants attach using a bracket with bolts that draw in across the back of the tyne. The flat on variants attach using U-Bolts.

Tyne mounts are not recommended on machines where break out is an issue, or in areas of high trash.

Tyre Mounted Press Wheel Assemblies Semi-Adjustable Variant (Edge-On)

NOTE: CATCODE is for the complete Assembly in Flat Pack form.

15" SEMI-ADJUSTABLE TYNE MOUNTED



NARROW
PTA

Assembly comes standard with AgriHubs.

To order Integral Hub version add -IH to CATCODE e.g. PTA050-IH

	Hi-Flex	Semi-Pneumatic	Semi-Solid	Solid
NARROW		15PW55FLSP CATCODE: PIA018		15PW55FLSD CATCODE: PIA017
		15PW55WGSP CATCODE: PTA050		15PW55WGSD CATCODE: PTA049
		15PW55DOSP CATCODE: PTA046		
		16PW70VCSP CATCODE: PTA052		16PW70VCSD CATCODE: PTA191
		15PW75RDSP CATCODE: PIA054		15PW70VESD CATCODE: PTA053
		15PW80FLSP CATCODE: PTA187		
		15PW80WGSF CATCODE: PTA059		15PW80WGSS CATCODE: PTA061
	High Sidewall >	PW131680WSP CATCODE: PTA274		PW131680WSS CATCODE: PTA275
		16PW80WCSP CATCODE: PTA057		16PW80WCSD CATCODE: PTA192
	High Sidewall >	PW131680FSP CATCODE: PTA277		PW131680FSS CATCODE: PTA278
	16PW100RCSF CATCODE: PTA250		16PW100RCSS CATCODE: PTA251	
	15PW100FLSF CATCODE: PIA191		15PW100FLSS CATCODE: PIA188	
		15PW100FLSP CATCODE: PIA043		15PW100FLSD CATCODE: PIA042
		15PW110WGSP CATCODE: PTA045		15PW110WGSD CATCODE: PTA044
WIDE				
		SOFT	THICK	HARD

18" SEMI-ADJUSTABLE TYNE MOUNT



NARROW
PTA

	Hi-Flex	Semi-Pneumatic	Semi-Solid	Solid
NARROW		18PW55FLSP CATCODE: PIA106		18PW55FLSS CATCODE: PIA182
		18PW55WGSP CATCODE: PIA107		18PW55WGSS CATCODE: PIA183
		18PW80WGSF CATCODE: PIA252		18PW80WGSS CATCODE: PIA110
		18PW80WGSP CATCODE: PIA109		18PW80WGSD CATCODE: PIA108
		18PW100FLSF CATCODE: PTA181		18PW100FLSS CATCODE: PTA184
		18PW100FLSP CATCODE: PTA103		18PW100FLSD CATCODE: PTA102
		18PW110WGSP CATCODE: PTA201		18PW110WGSS CATCODE: PTA202
		18PW120FLSP CATCODE: PIA105		18PW120FLSS CATCODE: PIA203
				18PW100FRSD CATCODE: PIA104
	WIDE			
		SOFT	THICK	HARD

NOTE: all assemblies come in Flat Pack form.

Tyne Mounted Press Wheel Assemblies Adjustable Variant (Edge-On)

NOTE: CATCODE is for the complete Assembly in Flat Pack form.

15" ADJUSTABLE TYNE MOUNT



AgriHub Version

Assembly comes standard with AgriHubs.

To order Integral Hub version add -IH to CATCODE e.g. PTA009-IH

18" ADJUSTABLE TYNE MOUNT



Integral Version

NOTE: all assemblies come in Flat Pack form.

	Hi-Flex	Semi-Pneumatic	Semi-Solid	Solid
NARROW PTA		15PW55HI SP CATCODE: PIA007		15PW55HI SD CATCODE: PIA006
		15PW55WGSP CATCODE: PTA009		15PW55WGSD CATCODE: PTA008
		15PW55DOSP CATCODE: PTA005		
		16PW/0VCSP CATCODE: PTA127	16PW/0VCSD CATCODE: PTA128	15PW/0VESD CATCODE: PTA012
		15PW75RDSP CATCODE: PTA013		
		15PW80HI SP CATCODE: PIA129		
	15PW80WGSF CATCODE: PTA018	15PW80WGSP CATCODE: PTA019	15PW80WGSS CATCODE: PTA130	15PW80WGSD CATCODE: PTA017
	High Sidewall >	PW131680WSP CATCODE: PIA272	PW131680WSS CATCODE: PIA273	
	High Sidewall >	16PW80WCSP CATCODE: PTA131		16PW80WCSD CATCODE: PTA132
	High Sidewall >	PW131680FSP CATCODE: PTA288	PW131680FSS CATCODE: PTA289	
	16PW100RCSP CATCODE: PTA256	16PW100RCSS CATCODE: PTA257	16PW100RCSS CATCODE: PTA257	15PW90RDSD CATCODE: PTA020
	15PW100HI SF CATCODE: PIA198	15PW100HI SP CATCODE: PIA002	15PW100HI SS CATCODE: PIA133	15PW100HI SD CATCODE: PIA001
	15PW110WGSP CATCODE: PTA004	15PW140PRSS CATCODE: PTA267	15PW110WGSD CATCODE: PTA003	
WIDE		15PW140PRSP CATCODE: PTA271	15PW150WGSS CATCODE: PTA268	
		16PW130WGSP CATCODE: PTA270	15PW150FWSS CATCODE: PTA269	
	SOFT	THICK	HARD	
	Hi-Flex	Semi-Pneumatic	Semi-Solid	Solid
NARROW PTA		18PW55FLSP CATCODE: PIA088	18PW55FLSS CATCODE: PIA135	18PW55FLSD CATCODE: PIA138
		18PW55WGSP CATCODE: PTA089	18PW55WGSS CATCODE: PTA136	18PW55WGSD CATCODE: PTA139
	18PW80WGSF CATCODE: PTA258	18PW80WGSP CATCODE: PTA091	18PW80WGSS CATCODE: PTA194	18PW80WGSD CATCODE: PTA090
	18PW100FLSF CATCODE: PTA134	18PW100FLSP CATCODE: PTA085	18PW100FLSS CATCODE: PTA137	18PW100FLSD CATCODE: PTA084
		18PW110WGSP CATCODE: PTA207	18PW110WGSS CATCODE: PTA208	
		18PW120FLSP CATCODE: PIA087	18PW120FLSS CATCODE: PIA209	18PW100FRSD CATCODE: PIA086
WIDE				
	SOFT	THICK	HARD	

Tyre Mounted Press Wheel Assemblies Adjustable Variant (Flat-On)

NOTE: CATCODE is for the complete Assembly in Flat Pack form.

15" ADJUSTABLE TYNE MOUNT



Assembly comes standard with AgriHubs.

IMPORTANT:
Specify U-bolts
when ordering
Specify Tyne
Dimensions for U-bolts

To order Integral
Hub version add
-IH to CATCODE

18" ADJUSTABLE TYNE MOUNT



NOTE: all assemblies come in Flat Pack form.

		Hi-Flex	Semi-Pneumatic	Semi-Solid	Solid		
15" ADJUSTABLE TYNE MOUNT	NARROW		15PW55FLSP CATCODE: PTA027		15PW55FLSD CATCODE: PTA068		
			15PW55WGSP CATCODE: PTA029		15PW55WGSD CATCODE: PTA070		
			15PW55DOSP CATCODE: PWA025				
			16PW70VCSP CATCODE: PIA032		16PW70VCSD CATCODE: PIA148	15PW70VFSD CATCODE: PIA074	
			15PW75RDSP CATCODE: PIA033				
			15PW80FLSP CATCODE: PTA140				
		15PW80WGSF CATCODE: PTA080		15PW80WGSP CATCODE: PTA039	15PW80WGSS CATCODE: PTA141	15PW80WGSD CATCODE: PTA037	
		High Sidewall >	PW131680WSP CATCODE: PTA276		PW131680WSS CATCODE: PTA201		
		High Sidewall >	16PW80WCSP CATCODE: PIA150			16PW80WCSD CATCODE: PIA149	
		High Sidewall >	PW131680FSP CATCODE: PTA290		PW131680FSS CATCODE: PTA291		
			16PW100RCSP CATCODE: PTA199		16PW100RCSS CATCODE: PTA260	15PW90RDSD CATCODE: PTA040	
			15PW100FLSP CATCODE: PTA022		15PW100FLSS CATCODE: PTA143	15PW100FLSD CATCODE: PTA021	
WIDE		15PW110WGSP CATCODE: PTA042		15PW140PRSS CATCODE: PTA264	15PW110WGSD CATCODE: PTA023		
		15PW140PRSP CATCODE: PTA262		15PW15WGSS CATCODE: PTA265			
		16PW130WGSP CATCODE: PTA263		15PW150PWSS CATCODE: PTA206			
				SOFT	THICK	HARD	
				Hi Flex	Semi Pneumatic	Semi Solid	Solid
	18" ADJUSTABLE TYNE MOUNT	NARROW		18PW55FLSP CATCODE: PIA096		18PW55FLSS CATCODE: PIA154	18PW55FLSD CATCODE: PIA157
			18PW55WGSP CATCODE: PTA097		18PW55WGSS CATCODE: PTA155	18PW55WGSD CATCODE: PTA158	
			18PW80WGSF CATCODE: PTA261		18PW80WGSP CATCODE: PTA099	18PW80WGSS CATCODE: PTA100	18PW80WGSD CATCODE: PTA098
		18PW100FLSF CATCODE: PTA151		18PW100FLSP CATCODE: PTA093	18PW100FLSS CATCODE: PTA156	18PW100FLSD CATCODE: PTA092	
			18PW110WGSP CATCODE: PTA210		18PW110WGSS CATCODE: PTA211		
			18PW120FLSP CATCODE: PIA095		18PW120FLSS CATCODE: PIA212	18PW100FRSD CATCODE: PIA091	
			SOFT	THICK	HARD		

Tyne Mounted Press Wheel Assemblies Fixed Variant

NOTE: CATCODE is for the complete Assembly in Flat Pack form.

15" FIXED TYNE MOUNT



Assembly comes standard with AgriHubs.

IMPORTANT:
Specify U-bolts when ordering
Specify Tyne Dimensions for U-bolts

To order Integral Hub version add -IH to CATCODE

18" FIXED TYNE MOUNT



NOTE: all assemblies come in Flat Pack form.

	Hi-Flex	Semi-Pneumatic	Semi-Solid	Solid
NARROW		15PW55FLSP CATCODE: PTF025		15PW55FLSD CATCODE: PTF006
		15PW55WGSP CATCODE: PTF009		15PW55WGSD CATCODE: PTF008
		15PW55DOSP CATCODE: PTF005		
		16PW70VCSP CATCODE: PTF029		16PW70VCSD CATCODE: PTF030
		15PW75RDSP CATCODE: PTF013		15PW70VESD CATCODE: PTF031
		15PW80H SP CATCODE: PTF032		
		15PW80WGSF CATCODE: PTF080		15PW80WGSS CATCODE: PTF033
		15PW80WGSP CATCODE: PTF019		15PW80WGSD CATCODE: PTF017
	High Sidewall >	PW131680WSP CATCODE: PTF133		PW131680WSS CATCODE: PTF132
		16PW80WCSP CATCODE: PTF034		16PW80WCSD CATCODE: PTF035
High Sidewall >	PW131680FSP CATCODE: PTF137		PW131680FSS CATCODE: PTF138	
	16PW100RCSP CATCODE: PTF042		16PW100RCSS CATCODE: PTF051	
	15PW100H SF CATCODE: PTF118		15PW90RDS CATCODE: PTF020	
	15PW100H SP CATCODE: PTF002		15PW100H SS CATCODE: PTF036	
	15PW110WGSP CATCODE: PTF004		15PW100H SD CATCODE: PTF001	
	15PW140PRSP CATCODE: PTF136		15PW110WGSD CATCODE: PTF003	
	16PW130WGSP CATCODE: PTF139		15PW140PRSS CATCODE: PTF135	
			15PW150WGSS CATCODE: PTF130	
			15PW150FWSS CATCODE: PTF151	
	SOFT	THICK	HARD	
	Hi Flex	Semi Pneumatic	Semi Solid	Solid
NARROW		18PW55H SP CATCODE: PTF025		18PW55H SS CATCODE: PTF037
		18PW55WGSP CATCODE: PTF026		18PW55WGSS CATCODE: PTF039
		18PW80WGSF CATCODE: PTF052		18PW80WGSD CATCODE: PTF027
		18PW80WGSP CATCODE: PTF028		18PW80WGSS CATCODE: PTF029
		18PW100FLSF CATCODE: PTF060		18PW100FLSS CATCODE: PTF041
		18PW100FLSP CATCODE: PTF022		18PW100FLSD CATCODE: PTF021
	18PW110WGSP CATCODE: PTF045		18PW110WGSS CATCODE: PTF046	
	18PW120FLSP CATCODE: PTF024		18PW110FRSD CATCODE: PTF023	
	18PW120FLSS CATCODE: PTF047			
	SOFT	THICK	HARD	

Tyne Mount Spares & Accessories (For Wheel Spares see Section 7)

<p>PWTYNEFIX CATCODE: PTF030 Fixed Tyne Mounted Assembly (No Wheel) TOTAL WEIGHT: 10.6kg</p> 	<p>PWFOTYNEADJ CATCODE: PTA121 Adjustable Tyne Mounted Assembly - No Wheel, To Suit Flat-On Tyne TOTAL WEIGHT: 13.75kg</p> 	<p>PWEOTYNEADJ CATCODE: PTA120 Adjustable Tyne Mounted Assembly - No Wheel To Suit Edge-On Tyne TOTAL WEIGHT: 13.35kg</p> 	<p>PWTYNEFOBRA CATCODE: PTA124 Flat On Bracket for Tyne Mount TOTAL WEIGHT: 2.50kg</p> 
<p>PWTYNESADJ CATCODE: PTA125 Semi-Adjustable Tyne Mounted Assembly To Suit Edge-On Tyne TOTAL WEIGHT: 14.0kg</p> 	<p>PWTYNESADJFO CATCODE: PTA126 Semi-Adjustable Tyne Mounted Assembly To Suit Flat-On Tyne TOTAL WEIGHT: 14.0kg</p> 	<p>PWTYNEEOBRA CATCODE: PTA123 Edge On Bracket for Tyne Mount TOTAL WEIGHT: 2.75kg</p> 	<p>PWTYNEADJNB CATCODE: PTA122 Adjustable Tyne Mounted Assembly - No Bracket TOTAL WEIGHT: 12.10kg</p> 
<p>PWBARCONBRACKET CATCODE: PSP041 Adjustable Tyne Mount Bar Conversion Bracket TOTAL WEIGHT: 4.0kg</p> 	<p>PWFIXTYNELARM CATCODE: PSP044 Fixed Tyne Mount Lower Arm TOTAL WEIGHT: 5.0kg</p> 	<p>PWFIXTYNESPRING CATCODE: PSP045 Fixed Tyne Mount Spring TOTAL WEIGHT: 0.85kg</p> 	<p>PWTYNEADJLARM CATCODE: PSP056 Adjustable Tyne Mount Lower Arm TOTAL WEIGHT: 5.20kg</p> 
<p>PWTYNEADJUANB CATCODE: PSP057 Adjustable Tyne Mount Upper Arm - No Bracket TOTAL WEIGHT: 6.85kg</p> 	<p>PWTYNESPRINGL CATCODE: PSP067 Left Hand Spring for Adjustable Tyne Assembly TOTAL WEIGHT: 0.85kg</p> 	<p>PWTYNESPRINGR CATCODE: PSP069 Right Hand Spring for Adjustable Tyne Assembly TOTAL WEIGHT: 0.85kg</p> 	<p>PWTYNESPRINGCASTING CATCODE: PSP066 Casting for Tyne Mount Spring Arm TOTAL WEIGHT: 2.30kg</p> 
<p>PWSADJTYNESPRING CATCODE: PSP048 Semi-Adj Tyne Mount Spring TOTAL WEIGHT: 1.05kg</p> 	<p>PWTYNE-LARMBRA CATCODE: PSP135 Adjustable Tyne Mount Lower Arm Adjustment Bracket</p> 		

Tyne Mount Spares & Accessories (For Wheel Spares see Section 7)

<p>BOLTM10X80 CATCODE: PSP001 Adjustable Tyne Mount - Bracket Lock Bolt TOTAL WEIGHT: 0.05kg</p> 	<p>BOLTM12X60 CATCODE: PSP002 Edge on Bracket Rear Bolt and Nyloc TOTAL WEIGHT: 0.05kg</p> 	<p>BOLTM16X60 CATCODE: PSP003 Edge on Bracket Centre Bolt and Nyloc TOTAL WEIGHT: 0.10kg</p> 	<p>BOLTM20X90 CATCODE: PSP004 Adjustable Tyne Mount - Bracket Centre Bolt TOTAL WEIGHT: 0.50kg</p> 
<p>PWTYNEBUSH CATCODE: PSP058 Adjustable Tyne Mount Bush (Steel) TOTAL WEIGHT: 0.05kg</p> 	<p>PWTYNECLIP CATCODE: PSP059 Tyne Mount Spring Clip TOTAL WEIGHT: 0.05kg</p> 	<p>PWTYNEFIXBOLT CATCODE: PSP060 Fixed Tyne Mount Greaseable Bolt TOTAL WEIGHT: 0.45kg Suits Fixed Tyne Mount (Red)</p> 	<p>PWTYNEFIXPIN CATCODE: PSP061 Fixed Tyne Mount Swivel Pin TOTAL WEIGHT: 0.30kg</p> 
<p>PWTYNELOCKWASH CATCODE: PSP062 Locking Washer for Tyne Mount TOTAL WEIGHT: 0.05kg</p> 	<p>PWTYNEPIN CATCODE: PSP063 Tyne Mount Swivel Pin TOTAL WEIGHT: 0.35kg Suits adjustable Tyne Mounts (Grey)</p> 	<p>PWFXTYNENYBUSH CATCODE: PSP089 Fixed Tyne Mount Nylon Bush TOTAL WEIGHT: 0.05kg</p> 	

**CALL FOR
A QUOTE TODAY**

(08) 8260 2277

Manutec
MANUFACTURING TECHNOLOGY

Gangs



Gang Assemblies provide a simple and cost effective option. They are widely used when the ability to use either harrows or press wheels is required.

These gangs are easily configured for use with a number of popular quick release harrow/press wheel mounting arms.

Gangs are often preferred due to the lower maintenance requirements, ie less bearings.

Gangs work best with up and back sowing.

Manutec gangs can be quickly removed when not required or for maintenance.

Mounting Arm

Quick Release Mounting Arm, compatible for use with either Press Wheel Gangs or Harrows.

Mount Arm Gang Assembly

Ideal for use in applications where interchange with Harrows is required. 18" Wheels with Nylon Bush Centres used as standard. Available in 7.2", 9", 10 and 12" spacing's as standard in a variety of wheel numbers. For other spacing widths contact Manutec for availability. Available in a range of tyre options. Manutec normally recommends a thicker tyre, either semi-solid or solid, especially if being used to dry sow. Gangs are available in 4,5,6,7,8,9 and 10 wheel configurations depending on the spacing width. Normally we like to limit sections to about 6'. A complete range of spare parts is available for all gang components.

Harrow Arm

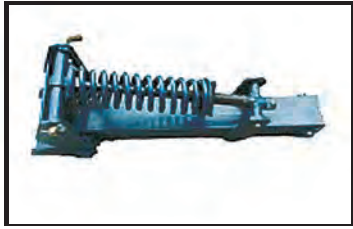
Quick release arm for connecting harrows to Mounting Arm.



Gang Press Wheel Assemblies 7.2" (6, 7, 8, 9 & 10 Wheel Gangs)

100mm Flat Ribbed tyre
& 120mm Flat Tyre also
available

NOTE: CATCODE is for the Gang Assembly and does not include Mounting Arm.



To order mounting arm use
CATCODE: PMG130

18" GANG WHEEL



PMG

NOTE: Gang Assemblies are also available with Semi-Pneumatic tyres, please call for CATCODES.

The wider tyres are suitable for split and spread row seeding

NOTE: all assemblies come in Flat Pack form.

Semi-Solid

Solid

18PW55FLSS

6 wheel CATCODE: PMG219
7 wheel CATCODE: PMG220
8 wheel CATCODE: PMG221
9 wheel CATCODE: PMG222
10 wheel CATCODE: PMG223

18PW55FLSD

6 wheel CATCODE: PMG239
7 wheel CATCODE: PMG240
8 wheel CATCODE: PMG241
9 wheel CATCODE: PMG242
10 wheel CATCODE: PMG243

18PW55WGSS

6 wheel CATCODE: PMG224
7 wheel CATCODE: PMG225
8 wheel CATCODE: PMG226
9 wheel CATCODE: PMG227
10 wheel CATCODE: PMG228

18PW55WGSD

6 wheel CATCODE: PMG244
7 wheel CATCODE: PMG245
8 wheel CATCODE: PMG246
9 wheel CATCODE: PMG247
10 wheel CATCODE: PMG248

18PW80WGSS

6 wheel CATCODE: PMG229
7 wheel CATCODE: PMG230
8 wheel CATCODE: PMG231
9 wheel CATCODE: PMG232
10 wheel CATCODE: PMG233

18PW80WGSD

6 wheel CATCODE: PMG052
7 wheel CATCODE: PMG060
8 wheel CATCODE: PMG068
9 wheel CATCODE: PMG076
10 wheel CATCODE: PMG043

18PW100FLSS

6 wheel CATCODE: PMG234
7 wheel CATCODE: PMG235
8 wheel CATCODE: PMG236
9 wheel CATCODE: PMG237
10 wheel CATCODE: PMG238

18PW100FLSD

6 wheel CATCODE: PMG046
7 wheel CATCODE: PMG054
8 wheel CATCODE: PMG062
9 wheel CATCODE: PMG070
10 wheel CATCODE: PMG078

18PW110WGSS

6 wheel CATCODE: PMG300
7 wheel CATCODE: PMG301
8 wheel CATCODE: PMG302
9 wheel CATCODE: PMG303
10 wheel CATCODE: PMG304

18PW110WGSD

6 wheel CATCODE: PMG315
7 wheel CATCODE: PMG316
8 wheel CATCODE: PMG317
9 wheel CATCODE: PMG318
10 wheel CATCODE: PMG319

NARROW

WIDE

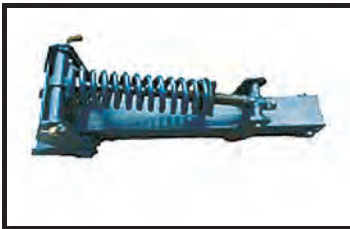
THICK

HARD

Gang Press Wheel Assemblies 9" (5, 6, 7 & 8 Wheel Gangs)

100mm Flat Ribbed Tyre & 120mm Flat Tyre also available

NOTE: CATCODE is for the Gang Assembly and does not include Mounting Arm



To order mounting arm use
CATCODE: PMG130

18" GANG WHEEL



PMG

NOTE: Gang Assemblies are also available with Semi-Pneumatic tyres, please call for CATCODES.

The wider tyres are suitable for split and spread row seeding

NOTE: all assemblies come in Flat Pack form.

Semi-Solid

Solid

NARROW

WIDE

18PW55FLSS

- 5 wheel CATCODE: PMG249
- 6 wheel CATCODE: PMG250
- 7 wheel CATCODE: PMG251
- 8 wheel CATCODE: PMG252

18PW55FLSD

- 5 wheel CATCODE: PMG261
- 6 wheel CATCODE: PMG262
- 7 wheel CATCODE: PMG263
- 8 wheel CATCODE: PMG264

18PW55WGSS

- 5 wheel CATCODE: PMG253
- 6 wheel CATCODE: PMG254
- 7 wheel CATCODE: PMG255
- 8 wheel CATCODE: PMG256

18PW55WGSD

- 5 wheel CATCODE: PMG265
- 6 wheel CATCODE: PMG266
- 7 wheel CATCODE: PMG267
- 8 wheel CATCODE: PMG268

18PW80WGSS

- 5 wheel CATCODE: PMG099
- 6 wheel CATCODE: PMG108
- 7 wheel CATCODE: PMG117
- 8 wheel CATCODE: PMG454

18PW80WGSD

- 5 wheel CATCODE: PMG097
- 6 wheel CATCODE: PMG106
- 7 wheel CATCODE: PMG115
- 8 wheel CATCODE: PMG124

18PW100FLSS

- 5 wheel CATCODE: PMG257
- 6 wheel CATCODE: PMG258
- 7 wheel CATCODE: PMG259
- 8 wheel CATCODE: PMG260

18PW100FLSD

- 5 wheel CATCODE: PMG091
- 6 wheel CATCODE: PMG100
- 7 wheel CATCODE: PMG109
- 8 wheel CATCODE: PMG118

18PW110WGSS

- 5 wheel CATCODE: PMG305
- 6 wheel CATCODE: PMG306
- 7 wheel CATCODE: PMG307
- 8 wheel CATCODE: PMG308

18PW110WGSD

- 5 wheel CATCODE: PMG320
- 6 wheel CATCODE: PMG321
- 7 wheel CATCODE: PMG322
- 8 wheel CATCODE: PMG323

THICK

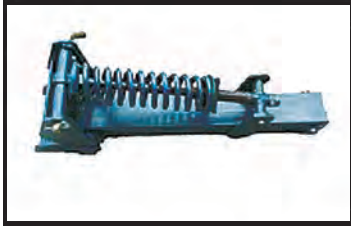
HARD

Gang Press Wheel Assemblies

10" (5, 6, 7 & 8 Wheel Gangs)

100mm Flat Ribbed Tyre & 120mm Flat Tyre also available

NOTE: CATCODE is for the Gang Assembly and does not include Mounting Arm.



To order mounting arm use
CATCODE: PMG130

18" GANG WHEEL



PMG

NOTE: Gang Assemblies are also available with Semi-Pneumatic tyres, please call for CATCODES.

The wider tyres are suitable for split and spread row seeding

NOTE: all assemblies come in Flat Pack form.

Semi-Solid

Solid

18PW55FLSS

5 wheel CATCODE: PMG269
6 wheel CATCODE: PMG270
7 wheel CATCODE: PMG270
8 wheel CATCODE: PMG272

18PW55FLSD

5 wheel CATCODE: PMG281
6 wheel CATCODE: PMG282
7 wheel CATCODE: PMG283
8 wheel CATCODE: PMG284

18PW55WGSS

5 wheel CATCODE: PMG273
6 wheel CATCODE: PMG274
7 wheel CATCODE: PMG275
8 wheel CATCODE: PMG276

18PW55WGSD

5 wheel CATCODE: PMG285
6 wheel CATCODE: PMG286
7 wheel CATCODE: PMG287
8 wheel CATCODE: PMG288

18PW80WGSS

5 wheel CATCODE: PMG289
6 wheel CATCODE: PMG290
7 wheel CATCODE: PMG008
8 wheel CATCODE: PMG011

18PW80WGSD

5 wheel CATCODE: PMG002
6 wheel CATCODE: PMG004
7 wheel CATCODE: PMG007
8 wheel CATCODE: PMG010

18PW100FLSS

5 wheel CATCODE: PMG277
6 wheel CATCODE: PMG278
7 wheel CATCODE: PMG279
8 wheel CATCODE: PMG280

18PW100FLSD

5 wheel CATCODE: PMG001
6 wheel CATCODE: PMG003
7 wheel CATCODE: PMG006
8 wheel CATCODE: PMG009

18PW110WGSS

5 wheel CATCODE: PMG309
6 wheel CATCODE: PMG310
7 wheel CATCODE: PMG311
8 wheel CATCODE: PMG312

18PW110WGSD

5 wheel CATCODE: PMG324
6 wheel CATCODE: PMG325
7 wheel CATCODE: PMG326
8 wheel CATCODE: PMG327

NARROW

WIDE

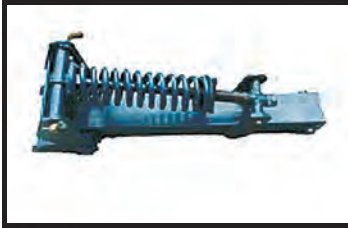
THICK

HARD

Gang Press Wheel Assemblies 12" (4, 5 & 6 Wheel Gangs)

100mm Flat Ribbed Tyre & 120mm Flat Tyre also available

NOTE: CATCODE is for the Gang Assembly and does not include Mounting Arm.



To order mounting arm use

CATCODE: PMG130

18" GANG WHEEL



PMG

NOTE: Gang Assemblies are also available with Semi-Pneumatic tyres, please call for CATCODES.

The wider tyres are suitable for split and spread row seeding

NOTE: all assemblies come in Flat Pack form.

Semi-Solid

Solid

18PW55FLSS

4 wheel CATCODE: PMG295
5 wheel CATCODE: PMG296
6 wheel CATCODE: PMG297

18PW55FLSD

4 wheel CATCODE: PMG298
5 wheel CATCODE: PMG299
6 wheel CATCODE: PMG300

18PW55WGSS

4 wheel CATCODE: PMG301
5 wheel CATCODE: PMG302
6 wheel CATCODE: PMG303

18PW55WGSD

4 wheel CATCODE: PMG304
5 wheel CATCODE: PMG305
6 wheel CATCODE: PMG306

18PW80WGSS

4 wheel CATCODE: PMG020
5 wheel CATCODE: PMG029
6 wheel CATCODE: PMG038

18PW80WGSD

4 wheel CATCODE: PMG018
5 wheel CATCODE: PMG027
6 wheel CATCODE: PMG036

18PW100FLSS

4 wheel CATCODE: PMG307
5 wheel CATCODE: PMG308
6 wheel CATCODE: PMG309

18PW100FLSD

4 wheel CATCODE: PMG012
5 wheel CATCODE: PMG021
6 wheel CATCODE: PMG030

18PW110WGSS

4 wheel CATCODE: PMG313
5 wheel CATCODE: PMG314
6 wheel CATCODE: PMG315

18PW110WGSD

4 wheel CATCODE: PMG328
5 wheel CATCODE: PMG329
6 wheel CATCODE: PMG330

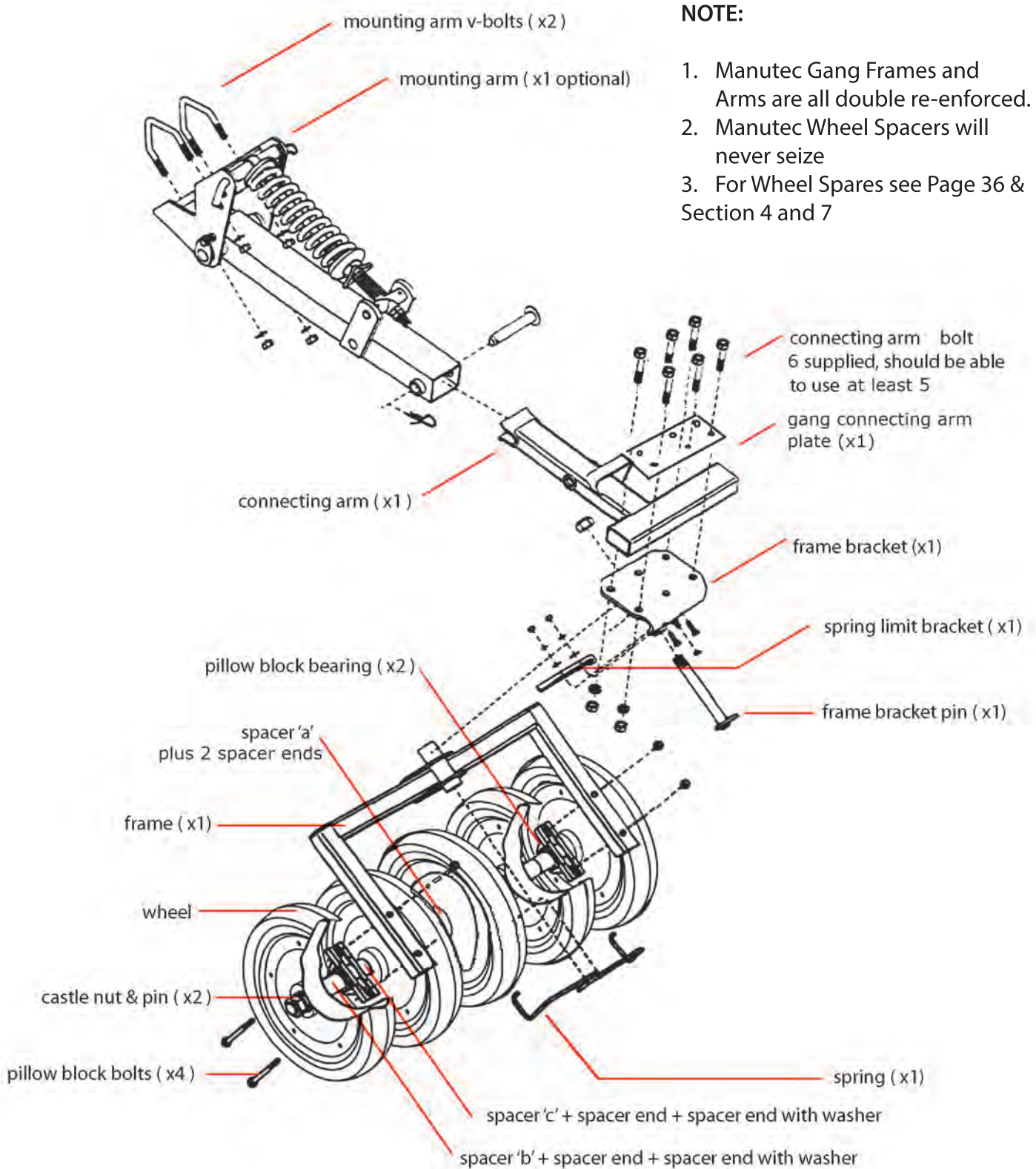
NARROW

WIDE

THICK

HARD

Gang Breakdown

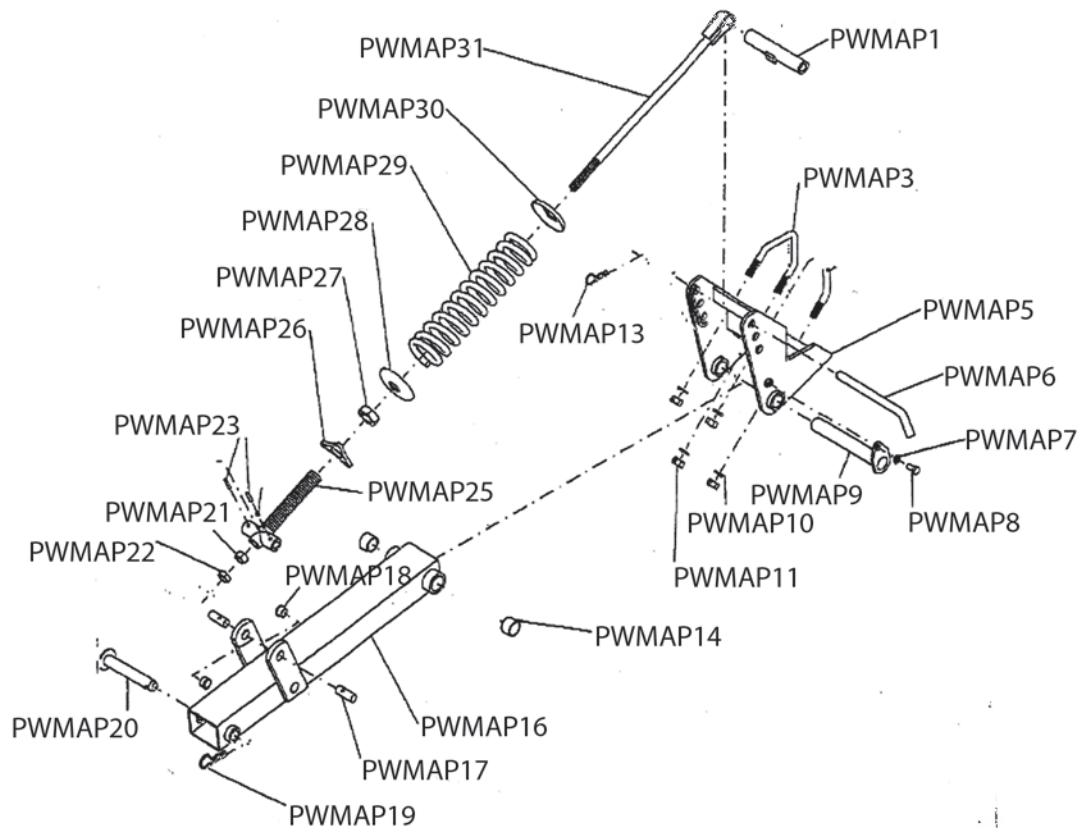


NOTE:

1. Manutec Gang Frames and Arms are all double re-enforced.
2. Manutec Wheel Spacers will never seize
3. For Wheel Spares see Page 36 & Section 4 and 7

(You can have these either side depending on which way you want the grease nipples on the pillow blocks to face).

Gang Mounting Arm Spare Parts



PWWMAP1
CENTRE SHAFT HANDLE-SUIT PIN
CATCODE: PMG156

PWWMAP3
GANG DIAMOND UBOLT - 4 INCH
CATCODE: PMG167

PWWMAP5
FRAME MOUNT BRACKET
CATCODE: PMG170

PWWMAP6
HANDLE PIN
CATCODE: PMG171

PWWMAP7
PIVOT PIN LOCK NUT
CATCODE: PMG455

PWWMAP8
PIVOT PIN LOCK BOLT
CATCODE: PMG456

PWWMAP9
GANG ARM PIVOT PIN
CATCODE: PMG172

PWWMAP10
GANG ARM UBOLT SPRING WASHER
CATCODE: PMG457

PWWMAP11
GANG ARM UBOLT NUT
CATCODE: PMG458

PWWMAP14
NYLON BUSH SUIT MOUNTING ARM
CATCODE: PMG157

PWWMAP16
MOUNTING ARM
CATCODE: PMG158

PWWMAP17
T PIECE MOUNT PIN
CATCODE: PMG159

PWWMAP18
BRONZE BUSH SUIT M/ARM-T PIECE
CATCODE: PMG160

PWWMAP19
SPRING CLIP
CATCODE: PMG459

PWWMAP20
GANG CONNECTING PIN
CATCODE: PMG157

PWWMAP21
NUT SUIT CENTRE SHAFT
CATCODE: PMG161

PWWMAP22
NUT SUIT CENTRE SHAFT
CATCODE: PMG161

PWWMAP23
GANG ROLL PINS
CATCODE: PMG157

PWWMAP25
THREADED T PIECE-SUIT CENTRE SHAFT
CATCODE: PMG162

PWWMAP26
LOCK NUT - SUIT T PIECE
CATCODE: PMG163

PWWMAP27
NUT-SUIT T PIECE
CATCODE: PMG164

PWWMAP28
LOWER SPRING WASHER-HOLDER
CATCODE: PMG165

PWWMAP29
SPRING - GANG MOUNTING ARM
CATCODE: PMG166

PWWMAP30
UPPER SPRING WASHER-HOLDER
CATCODE: PMG168

PWWMAP31
CENTRE SHAFT
CATCODE: PMG169

Gang Spares & Accessories

AXLES



PWAXLEGANG1045 LOA = 1045

CATCODE: PMG132

Suits 7.2" x 6w, 9" x 5w, 12" x 4w

PWAXLEGANG1150 LOA = 1150

CATCODE: PMG133

Suits 10" x 5w

PWAXLEGANG1230 LOA = 1230

CATCODE: PMG135

Suits 7.2" x 7w

PWAXLEGANG1275 LOA = 1275

CATCODE: PMG136

Suits 9" x 6w

PWAXLEGANG1350 LOA = 1350

CATCODE: PMG137

Suits 12" x 5w

PWAXLEGANG1400 LOA = 1400

CATCODE: PMG138

Suits 10" x 6w

PWAXLEGANG1415 LOA = 1415

CATCODE: PMG139

Suits 7.2" x 8w

PWAXLEGANG1500 LOA = 1500

CATCODE: PMG140

Suits 9" x 7w

PWAXLEGANG1595 LOA = 1595

CATCODE: PMG141

Suits 7.2" x 9w

PWAXLEGANG1655 LOA = 1655

CATCODE: PMG142

Suits 12" x 6w, 10" x 7w

PWAXLEGANG1730 LOA = 1730

CATCODE: PMG143

Suits 9" x 8w

PWAXLEGANG1775 LOA = 1775

CATCODE: PMG146

Suits 7.2" x 10w

PWAXLEGANG1905 LOA = 1905

CATCODE: PMG148

Suits 10" x 8w

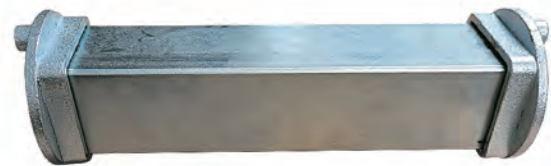
For other axle lengths please call Manutec

SPACERS

Manutec Gang Spacer consist of 50mm x 50mm square tube to length to suit the required spacing.



Each piece of square tube has a cast end attached which interface with the wheel.



On early model the spacer end is flat and on later models the spaces end has lugs that lock into holes in the face of press wheel boss.

The short spacers that engage with the bearing do not have lugs.

Gang Spares & Accessories



GANG FRAMES

PWMOUNTGANGFRAME1048 LOA = 1048
CATCODE: PMG173

PWMOUNTGANGFRAME1095 LOA = 1095
CATCODE: PMG174

PWMOUNTGANGFRAME1170 LOA = 1170
CATCODE: PMG175

PWMOUNTGANGFRAME1220 LOA = 1220
CATCODE: PMG176

PWMOUNTGANGFRAME560 LOA = 560
CATCODE: PMG177

PWMOUNTGANGFRAME637 LOA = 637
CATCODE: PMG178

PWMOUNTGANGFRAME658 LOA = 658
CATCODE: PMG179

PWMOUNTGANGFRAME682 LOA = 685
CATCODE: PMG180

PWMOUNTGANGFRAME710 LOA = 710
CATCODE: PMG181

PWMOUNTGANGFRAME865 LOA = 865
CATCODE: PMG182

PWMOUNTGANGFRAME965 LOA = 965
CATCODE: PMG173

PWASSMGANGRNDCONARM4
CATCODE: PMG128



Extended Rnd Connecting Arm 4 Harrow Option

PWASSMOUNTGANGARM
CATCODE: PMG129



Gang Connecting Arm (RHS)

PWASSMORRISCONARM
CATCODE: PMG129M



Gang Connecting Arm
Morris

PWASSSPRMOUNTARM
CATCODE: PMG130



Mount Arm to suit Gangs

PWGANGARM-EL
CATCODE: PMG150



Gang Connecting Arm (RHS) - Extra Length

PWGANGSCRAPERBRACK
CATCODE: PMG153



Gang Scraper Brackets
and UBolts

PWMAP33
CATCODE: PMG233



Frame Bracket Pin

PWGANGSPRINGBRACKET
CATCODE: PMG155



Gang Levelling Spring Bracket

PWGANGSPRING
CATCODE: PMG154



Gang Levelling Spring

PWMAP34
CATCODE: PMG234



Nut to suit PWMAP33

PWMAP35
CATCODE: PMG235



Spring washer to suit
PWMAP33

Gang Spares & Accessories

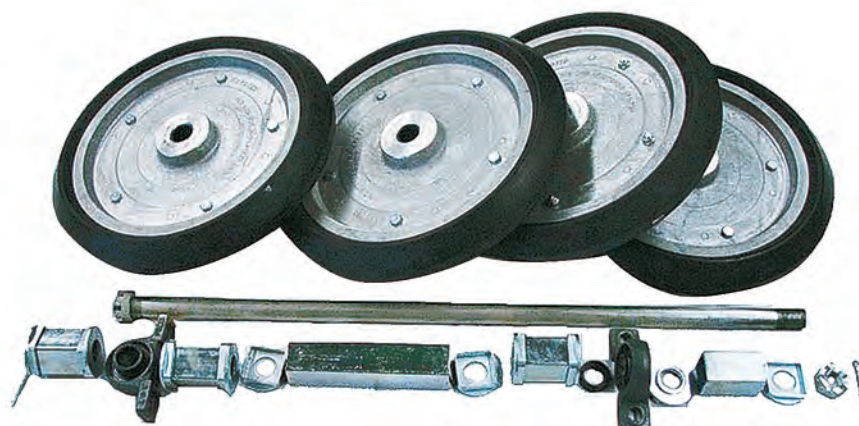
<p>GANG MOUNTING ARM SPARES</p> <p>SEE DIAGRAM ON PAGE 33</p> <p>PWMAP1 CATCODE: PMG156 CENTRE SHAFT HANDLE-SUIT PIN</p> <p>PWMAP3 CATCODE: PMG167 GANG DIAMOND UBOLT - 4 INCH</p> <p>PWMAP5 CATCODE: PMG170 FRAME MOUNT BRACKET</p> <p>PWMAP6 CATCODE: PMG171 HANDLE PIN</p> <p>PWMAP9 CATCODE: PMG172 MOUNTING ARM BRACKET PIN</p> <p>PWMAP14 CATCODE: PMG157 NYLON BUSH SUIT MOUNTING ARM</p> <p>PWMAP16 CATCODE: PMG158 MOUNTING ARM</p> <p>PWMAP17 CATCODE: PMG159 T PIECE MOUNT PIN</p> <p>PWMAP18 CATCODE: PMG160 BRONZE BUSH SUIT M/ARM-T PIECE</p> <p>PWMAP22 CATCODE: PMG161 NUT SUIT CENTRE SHAFT</p> <p>PWMAP25 CATCODE: PMG162 THREADED T PIECE-SUIT CENTRE SHAFT</p> <p>PWMAP26 CATCODE: PMG163 LOCK NUT - SUIT T PIECE</p> <p>PWMAP27 CATCODE: PMG164 NUT-SUIT T PIECE</p> <p>PWMAP28 CATCODE: PMG165 LOWER SPRING WASHER-HOLDER</p> <p>PWMAP29 CATCODE: PMG166 SPRING - GANG MOUNTING ARM</p> <p>PWMAP30 CATCODE: PMG168 UPPER SPRING WASHER-HOLDER</p> <p>PWMAP31 CATCODE: PMG169 CENTRE SHAFT</p>	<p>8KGBRACKET CATCODE: PMG127</p>  <p>Gang Levelling Bracket TOTAL WEIGHT: 7.80kg</p>	<p>PWGANGBUSH CATCODE: PMG151</p>  <p>Bronze Bush for Gangs TOTAL WEIGHT: 0.05kg</p>
<p>PWANGQRPIN CATCODE: PMG152</p>  <p>Pin for Quick Release Gang Mounting Arms TOTAL WEIGHT: 0.67kg</p>	<p>PWGANGNUTS CATCODE: PNB012</p>  <p>Gang Axle Nut and Pin Set TOTAL WEIGHT: 0.15kg</p>	
<p>PWBNG/FHBOLTS CATCODE: PNB07</p>  <p>Bolts for Gang Pillow Block Housing TOTAL WEIGHT: 0.20kg</p>	<p>PWUBOLT/80X90 CATCODE: PNB027</p>  <p>U-Bolt 80x90 to suit Gang (Nylocs) TOTAL WEIGHT: 0.47kg</p>	
<p>PWUBOLT/GANG CATCODE: PNB028</p>  <p>U-Bolt 100x100x19 to suit Gang Mounting Brackets TOTAL WEIGHT: 0.89kg</p>	<p>PWBNG/32NB CATCODE: PBS021</p>  <p>1 1/4 (32mm) Nylon Bush (to suit 18 Nylon Bush Press Wheel) TOTAL WEIGHT: 0.04kg</p>	
<p>PWBNG/F CATCODE: PBS024</p>  <p>Pillow Block Bearing (32mm) To Suit Mount Gangs TOTAL WEIGHT: 0.35kg</p>	<p>PWBNG/FH CATCODE: PBS025</p>  <p>Pillow Block Bearing Housing (Cast Steel) To Suit Mount Gangs TOTAL WEIGHT: 0.90kg</p>	
<p>18PWALNBCENTRE CATCODE: PWC025</p>  <p>Alu Centre for 1 1/4 Nylon Bush to suit 18 Tyre TOTAL WEIGHT: 5.40kg</p>	<p>PWGANGCONPLATE CATCODE: PMG219</p>  <p>PWGANGCP-BOLT CATCODE: PMG220</p> <p>Code is for 1 bolt only</p> 	

Gang Conversions

If you are buying or already have a new or second hand Gang Assembly with either steel or poly wheels that either are not suited to your conditions or are simply worn out then Manutec Gang conversions offer a good solution. Simply unbolt the existing wheels and axles from the gang frames and replace with Manutec parts. Very popular for converting Flexi-Coil, Bourgault and Ezee-On Gangs. A Flange bearing version is also available to suit Morris.

This eliminates the problem of removing the existing wheels from the axles to replace them with new wheels, which on some gangs is a time consuming and sometimes an almost impossible task.

The Manutec kit provides new axles, spacers, bearings and wheels. Additionally the unique Manutec spacer system is guaranteed to never seize up, making future maintenance an easy task and extending the life of your gang by many years. Manutec standard gang conversion



Gang Conversions 7.2"

(6, 7, 8, 9 & 10 Wheel Gangs)

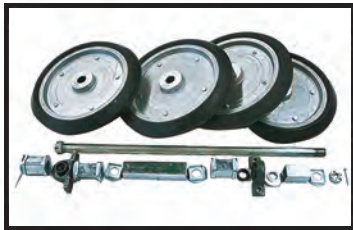
100mm Flat Ribbed Tyre & 120mm Flat Tyre also available

NOTE: CATCODE is for the Gang Conversion. This includes wheels, spacers, axles, bearings, nuts and bolts.

Gang Assemblies are also available with Semi-Pneumatic tyres, please call for CATCODES.

To order with flange bearing to suit Morris add - M to Catcode.

18" GANG WHEEL



For spacings other than 7.2", 9", 10" or 12" please call.

The wider tyres are suitable for split and spread row seeding

NOTE: all assemblies come in Flat Pack form.

Semi-Solid

Solid

18PW55FLSS

6 wheel CATCODE: PMG219C
7 wheel CATCODE: PMG220C
8 wheel CATCODE: PMG221C
9 wheel CATCODE: PMG222C
10 wheel CATCODE: PMG223C

18PW55FLSD

6 wheel CATCODE: PMG239C
7 wheel CATCODE: PMG240C
8 wheel CATCODE: PMG241C
9 wheel CATCODE: PMG242C
10 wheel CATCODE: PMG243C

18PW55WGSS

6 wheel CATCODE: PMG224C
7 wheel CATCODE: PMG225C
8 wheel CATCODE: PMG226C
9 wheel CATCODE: PMG227C
10 wheel CATCODE: PMG228C

18PW55WGSD

6 wheel CATCODE: PMG244C
7 wheel CATCODE: PMG245C
8 wheel CATCODE: PMG246C
9 wheel CATCODE: PMG247C
10 wheel CATCODE: PMG248C

18PW80WGSS

6 wheel CATCODE: PMG229C
7 wheel CATCODE: PMG230C
8 wheel CATCODE: PMG231C
9 wheel CATCODE: PMG232C
10 wheel CATCODE: PMG233C

18PW80WGSD

6 wheel CATCODE: PMG052C
7 wheel CATCODE: PMG060C
8 wheel CATCODE: PMG068C
9 wheel CATCODE: PMG076C
10 wheel CATCODE: PMG043C

18PW100FLSS

6 wheel CATCODE: PMG234C
7 wheel CATCODE: PMG235C
8 wheel CATCODE: PMG236C
9 wheel CATCODE: PMG237C
10 wheel CATCODE: PMG238C

18PW100FLSD

6 wheel CATCODE: PMG046C
7 wheel CATCODE: PMG054C
8 wheel CATCODE: PMG062C
9 wheel CATCODE: PMG070C
10 wheel CATCODE: PMG078C

18PW110WGSS

6 wheel CATCODE: PMG300C
7 wheel CATCODE: PMG301C
8 wheel CATCODE: PMG302C
9 wheel CATCODE: PMG303C
10 wheel CATCODE: PMG304C

18PW110WGSD

6 wheel CATCODE: PMG315C
7 wheel CATCODE: PMG316C
8 wheel CATCODE: PMG317C
9 wheel CATCODE: PMG318C
10 wheel CATCODE: PMG319C

NARROW

PMG

WIDE

THICK

HARD

Gang Conversions 9" (5, 6, 7 & 8 Wheel Gangs)

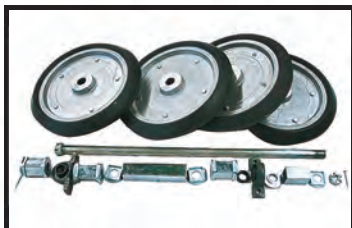
100mm Flat Ribbed Tyre & 120mm Flat Tyre also available

NOTE: CATCODE is for the Gang Conversion. This includes wheels, spacers, axles, bearings, nuts and bolts.

Gang Assemblies are also available with Semi-Pneumatic tyres, please call for CATCODES.

To order with flange bearing to suit Morris add - M to Catcode.

18" GANG WHEEL













PMG

For spacings other than 7.2", 9", 10" or 12" please call.

The wider tyres are suitable for split and spread row seeding

NOTE: all assemblies come in Flat Pack form.

	SEMI-SOLID	SOLID
NARROW	18PW55FLSS  5 wheel CATCODE: PMG249C 6 wheel CATCODE: PMG250C 7 wheel CATCODE: PMG251C 8 wheel CATCODE: PMG252C	18PW55FLSD  5 wheel CATCODE: PMG261C 6 wheel CATCODE: PMG262C 7 wheel CATCODE: PMG263C 8 wheel CATCODE: PMG264C
	18PW55WGSS  5 wheel CATCODE: PMG253C 6 wheel CATCODE: PMG254C 7 wheel CATCODE: PMG255C 8 wheel CATCODE: PMG256C	18PW55WGSD  5 wheel CATCODE: PMG265C 6 wheel CATCODE: PMG266C 7 wheel CATCODE: PMG267C 8 wheel CATCODE: PMG268C
	18PW80WGSS  5 wheel CATCODE: PMG099C 6 wheel CATCODE: PMG108C 7 wheel CATCODE: PMG117C 8 wheel CATCODE: PMG126C	18PW80WGSD  5 wheel CATCODE: PMG097C 6 wheel CATCODE: PMG106C 7 wheel CATCODE: PMG115C 8 wheel CATCODE: PMG124C
	18PW100FLSS  5 wheel CATCODE: PMG257C 6 wheel CATCODE: PMG258C 7 wheel CATCODE: PMG259C 8 wheel CATCODE: PMG260C	18PW100FLSD  5 wheel CATCODE: PMG091C 6 wheel CATCODE: PMG100C 7 wheel CATCODE: PMG109C 8 wheel CATCODE: PMG118C
	18PW110WGSS  5 wheel CATCODE: PMG305C 6 wheel CATCODE: PMG306C 7 wheel CATCODE: PMG307C 8 wheel CATCODE: PMG308C	18PW110WGSD  5 wheel CATCODE: PMG320C 6 wheel CATCODE: PMG321C 7 wheel CATCODE: PMG322C 8 wheel CATCODE: PMG323C
	THICK ← → HARD	

Gang Conversions

10" (5, 6, 7 & 8 Wheel Gangs)

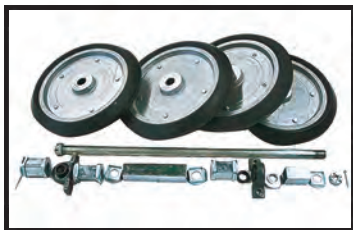
100mm Flat Ribbed Tyre & 120mm Flat Tyre also available

NOTE: CATCODE is for the Gang Conversion. This includes wheels, spacers, axles, bearings, nuts and bolts.

Gang Assemblies are also available with Semi-Pneumatic tyres, please call for CATCODES.

To order with flange bearing to suit Morris add - M to Catcode.

18" GANG WHEEL



PMG

For spacings other than 7.2", 9", 10" or 12" please call.

The wider tyres are suitable for split and spread row seeding

NOTE: all assemblies come in Flat Pack form.

Semi-Solid

Solid

18PW55FLSS

5 wheel CATCODE: PMG269C
6 wheel CATCODE: PMG270C
7 wheel CATCODE: PMG271C
8 wheel CATCODE: PMG272C

18PW55FLSD

5 wheel CATCODE: PMG281C
6 wheel CATCODE: PMG282C
7 wheel CATCODE: PMG283C
8 wheel CATCODE: PMG284C

18PW55WGSS

5 wheel CATCODE: PMG273C
6 wheel CATCODE: PMG274C
7 wheel CATCODE: PMG275C
8 wheel CATCODE: PMG276C

18PW55WGSD

5 wheel CATCODE: PMG285C
6 wheel CATCODE: PMG286C
7 wheel CATCODE: PMG287C
8 wheel CATCODE: PMG288C

18PW80WGSS

5 wheel CATCODE: PMG289C
6 wheel CATCODE: PMG290C
7 wheel CATCODE: PMG008C
8 wheel CATCODE: PMG011C

18PW80WGSD

5 wheel CATCODE: PMG002C
6 wheel CATCODE: PMG004C
7 wheel CATCODE: PMG007C
8 wheel CATCODE: PMG010C

18PW100FLSS

5 wheel CATCODE: PMG277C
6 wheel CATCODE: PMG278C
7 wheel CATCODE: PMG279C
8 wheel CATCODE: PMG280C

18PW100FLSD

5 wheel CATCODE: PMG001C
6 wheel CATCODE: PMG003C
7 wheel CATCODE: PMG006C
8 wheel CATCODE: PMG009C

18PW110WGSS

5 wheel CATCODE: PMG309C
6 wheel CATCODE: PMG310C
7 wheel CATCODE: PMG311C
8 wheel CATCODE: PMG312C

18PW110WGSD

5 wheel CATCODE: PMG324C
6 wheel CATCODE: PMG325C
7 wheel CATCODE: PMG326C
8 wheel CATCODE: PMG327C

NARROW

WIDE

THICK

HARD

Gang Conversions 12" (4, 5 & 6 Wheel Gangs)

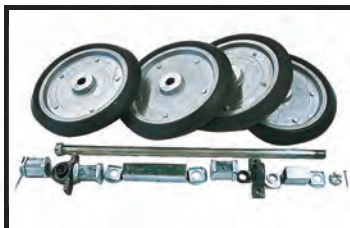
100mm Flat Ribbed Tyre & 120mm Flat Tyre also available

NOTE: CATCODE is for the Gang Conversion. This includes wheels, spacers, axles, bearings, nuts and bolts.

Gang Assemblies are also available with Semi-Pneumatic tyres, please call for CATCODES.

To order with flange bearing to suit Morris add - M to Catcode.

18" GANG WHEEL



PMG

For spacings other than 7.2", 9", 10" or 12" please call.

The wider tyres are suitable for split and spread row seeding

NOTE: all assemblies come in Flat Pack form.

	Semi-Solid	Solid
NARROW	18PW55FLSS	18PW55FLSD
	4 wheel CATCODE: PMG295C	4 wheel CATCODE: PMG298C
	5 wheel CATCODE: PMG296C	5 wheel CATCODE: PMG299C
	6 wheel CATCODE: PMG297C	6 wheel CATCODE: PMG300C
	18PW55WGSS	18PW55WGSD
	4 wheel CATCODE: PMG301C	4 wheel CATCODE: PMG304C
5 wheel CATCODE: PMG302C	5 wheel CATCODE: PMG305C	
6 wheel CATCODE: PMG303C	6 wheel CATCODE: PMG306C	
WIDE	18PW80WGSS	18PW80WGSD
	4 wheel CATCODE: PMG020C	4 wheel CATCODE: PMG018C
	5 wheel CATCODE: PMG029C	5 wheel CATCODE: PMG027C
	6 wheel CATCODE: PMG038C	6 wheel CATCODE: PMG036C
	18PW100FLSS	18PW100FLSD
	4 wheel CATCODE: PMG307C	4 wheel CATCODE: PMG012C
5 wheel CATCODE: PMG308C	5 wheel CATCODE: PMG021C	
6 wheel CATCODE: PMG309C	6 wheel CATCODE: PMG030C	
THICK	18PW110WGSS	18PW110WGSD
	4 wheel CATCODE: PMG313C	4 wheel CATCODE: PMG328C
	5 wheel CATCODE: PMG314C	5 wheel CATCODE: PMG329C
	6 wheel CATCODE: PMG315C	6 wheel CATCODE: PMG330C
	THICK ← → HARD	

AIR HOE DRILL CONVERSIONS - SOLID WHEELS

If you have or are looking to purchase a 2nd hand air hoe drill and the wheels are destroyed or close to it then a Manutec air hoe drill conversion could be the solution to extend the life of the machine. The old and worn out wheels and axles are removed from the frames and replace with a new set from Manutec.

Why choose a Manutec Air Hoe Drill conversion?

1. 18% STRONGER COMPONENTS

Manutec has increased the shaft size and bearings from 1.25" to 1.5". High quality PEER bearing & housings have been used.

2. REDUCED COST

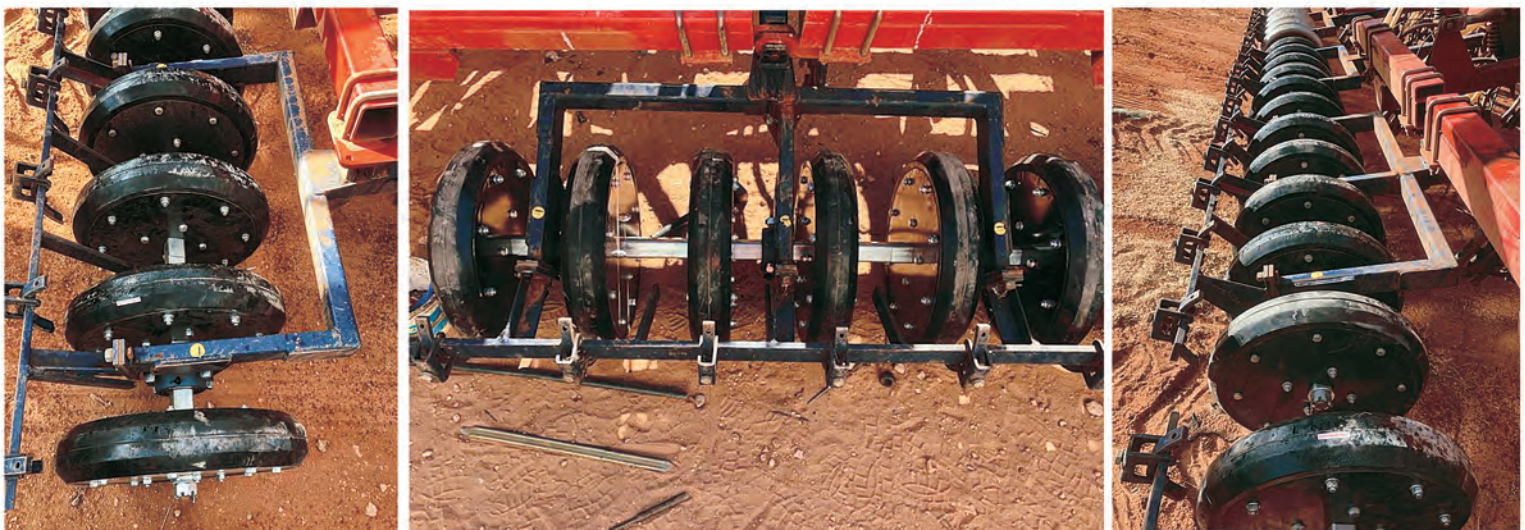
Despite the increase in strength, the Manutec conversions are 50% less expensive than the original OEM parts.

3. REDUCED ONGOING COSTS AND MAINTENANCE

Manutec utilises a split rim system and high durability cushion rubber tyres. All components available as spare parts and easily repairable. Axles are made from high quality Australian steel and bearings are all premium SKF-PEER brand.

4. AUSTRALIAN OWNED AND OPERATED FOR OVER 30 YEARS

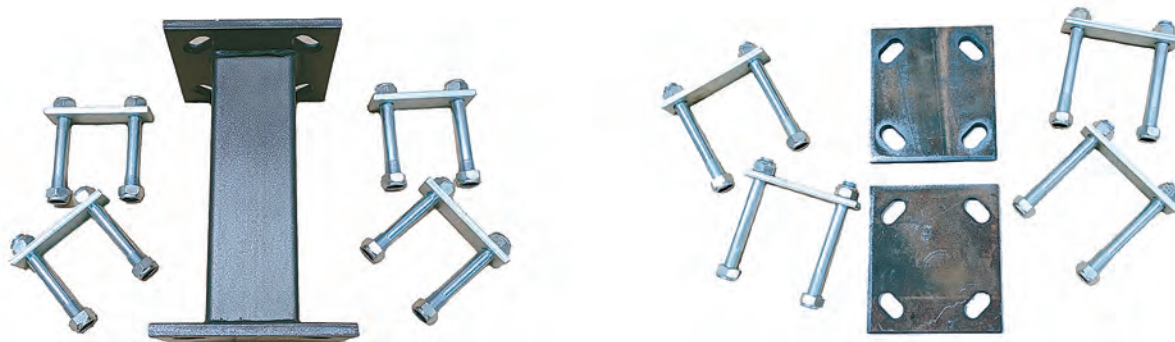
Air hoe drill conversions are available to suit 9", 10" and 12" spacings. other spacing available on request. two bearing options are available, pillow block (bolt on to existing frame) or flange (bolt on to existing flange plate). A standard 100mm wide tyre is used on a heavy duty split rim.



Extension Arms & Toolbars

Manutec has a range of toolbar options available. These include:

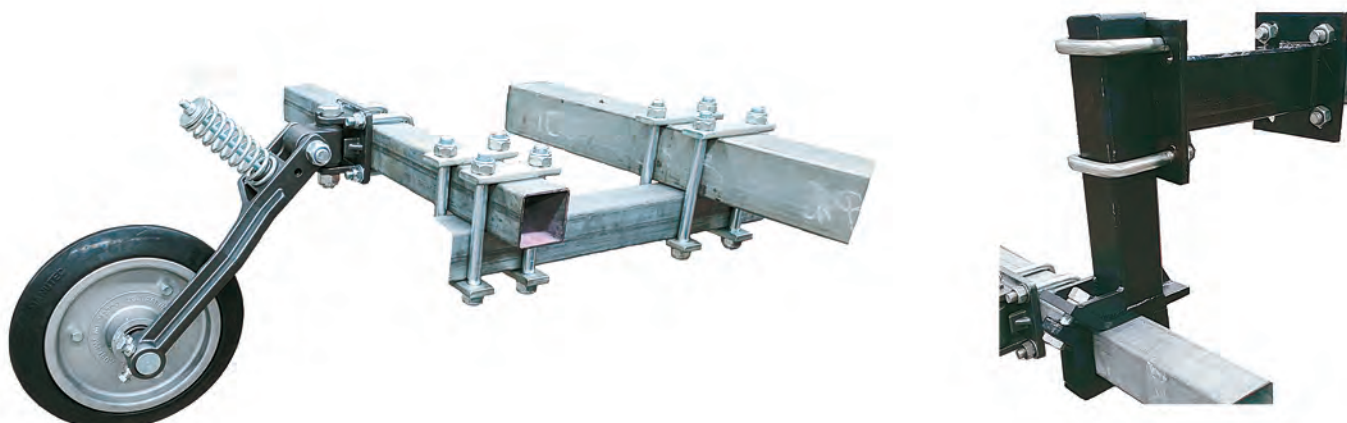
- Extension arms, C/W plates and ubolts in 700mm, 350mm and 200mm lengths
- Shackle plate kits for cross joining 4" and 3" RHS
- Profile cut plates and ubolts, to enable arms to be tailor made



The full range of parts is on Pages 43-44, call us to determine which set up is best for your machine.

























Shackle Plate Kits

Manutec shackle plate kits is a set of clamps and shackle plates designed to cross clamp 3x3 and 4x4 RHS.



Extension Arms & Toolbars

All sets also available with 20mm Ubolts

NO UBOLTS	3" SHACKLE PLATES	4" SHACKLE PLATES	3" & 4" SHACKLE PLATES
<p>PWEXTARM350HD CATCODE: PXA001</p>  <p>350mm Extension Arm HEAVY DUTY</p>	<p>PWEXTARM350HD3 CATCODE: PXA002</p>  <p>350mm Extension Arm and four 3" UBolts (80x105) HEAVY DUTY</p>	<p>PWEXTARM350HD4 CATCODE: PXA003</p>  <p>350mm Extension Arm four 4" UBolts (105x125) HEAVY DUTY</p>	<p>PWEXTARM350HDB CATCODE: PXA004</p>  <p>350mm Extension Arm and 4" / 3" UBolts (80x105 & 105x125) HEAVY DUTY</p>
<p>PWEXTARM350T CATCODE: PXA005</p>  <p>350mm T Extension Arm HEAVY DUTY</p>	<p>PWMOUNTPLATESETHD3 CATCODE: PXA009</p>  <p>Heavy Duty Mounting Plates and four 3" UBolts (80x105)</p>	<p>PWMOUNTPLATESET4 CATCODE: PXA008</p>  <p>Mounting Plates and four 4" UBolts (105x125) LIGHT DUTY</p>	<p>PWMOUNTPLATESETHDB CATCODE: PXA011</p>  <p>Heavy Duty Mounting Plates and 4" / 3" UBolts (80x105 & 105x125)</p>
<p>PWMOUNTPLATEHD CATCODE: PXA006</p>  <p>Mounting Plate HEAVY DUTY</p>	<p>WWASSEXTARMG200QRHD3 CATCODE: PXA027</p>  <p>200mm Quick Release Extension Arm and four 3" UBolts (80x105) HEAVY DUTY</p>	<p>PWMOUNTPLATESETHD4 CATCODE: PXA010</p>  <p>Heavy Duty Mounting Plates and four 4" UBolts (105x125)</p>	<p>WWASSEXTARMG200QRHDB CATCODE: PXA029</p>  <p>200mm Quick Release Extension Arm & 4" / 3" UBolts (80x105 & 105x125) HEAVY DUTY</p>
<p>PWXMPLATEHD CATCODE: PXA012</p>  <p>Cross Bar Mounting Plate HEAVY DUTY</p>	<p>WWASSEXTARMG700HD3 CATCODE: PXA035</p>  <p>700mm Extension Arm and four 3" UBolts (80x105) HEAVY DUTY</p>	<p>WWASSEXTARMG200QRHD4 CATCODE: PXA028</p>  <p>200mm Quick Release Extension Arm and four 4" UBolts (105x125) HEAVY DUTY</p>	<p>WWASSEXTARMG700HDB CATCODE: PXA037</p>  <p>700mm Extension Arm and 4" / 3" UBolts (80x105 & 105x125) HEAVY DUTY</p>
<p>WWASSEXTARMG200QRHD CATCODE: PXA026</p>  <p>200mm Quick Release Extension Arm HEAVY DUTY</p>	<p>PW4SP-20 CATCODE: PNB016</p> 	<p>WWASSEXTARMG700HD4 CATCODE: PXA036</p>  <p>700mm Extension Arm and four 4" UBolts (105x125) HEAVY DUTY</p>	<p>PW3SP-20 CATCODE: PNB040</p> 
<p>WWASSEXTARMG700HD CATCODE: PXA034</p>  <p>700mm Extension Arm HEAVY DUTY</p>	<p>PWMOUNTPLATELD CATCODE: PXA007</p>  <p>Mounting Plate and 4X3" UBolts (80x105) LIGHT DUTY</p>	<p>PW3SP-16 CATCODE: PNB037</p> 	<p>PW4SP-16 CATCODE: PNB038</p> 

Extension Arms & Toolbars

PWEXTAR220HD

CATCODE: PXA072



Does not include clamp or ubolts
220mm Extension Arm

PWDROPARM400

CATCODE: PXA073



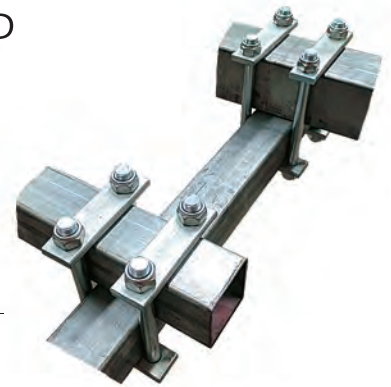
400mm Drop Arm (3x3)

PWEXTARM100HD

CATCODE: PXA076



Does not include clamp or Ubolt
100mm Extension Arm



PWIFCLAMP100

CATCODE: PSW231



In-Frame Swivel Assembly
Mounting Clamp/Bolts (100mm)

PWIFCLAMP75

CATCODE: PSW232



In-Frame Swivel Assembly
Mounting Clamp/Bolts (75mm)



OTHER LENGTHS AVAILABLE - PLEASE CALL

PWUBOLT/3X3-HT

High Tensile Ubolt



PW3SP-16

Shackle plate set to suit 3x3
(75x75) - 16mm



PW3X3X3SP

Shackle plate & bolts to suit 3x3
to 3x3 join - 20mm



PWUBOLT/80X75HD



PWUBOLT/3X3HD-HT

High Tensile Ubolt



PW4SP-16

Shackleplate set to suit 4x4
(100x100) - 16mm



PW4X12SP

Shackle plate 4" to suit
20mm bolts



PWUBOLT/105X100HD



PWUBOLT/4X4-HT

High Tensile Ubolt



PW3SP-20

Shackle plate set to suit 3x3
(75x75) - 20mm



PW3X12SP

Shackle plate 3" to suit
20mm bolts



PW3X4SP-20



PWUBOLT/4X4HD-HT

High Tensile Ubolt



PW4SP-20

Shackle plate set to suit 4x4
(100x100) - 20mm



PW3X3X4SP

Shackle plate & bolts to suit 3x3
to 4x4 join - 20mm



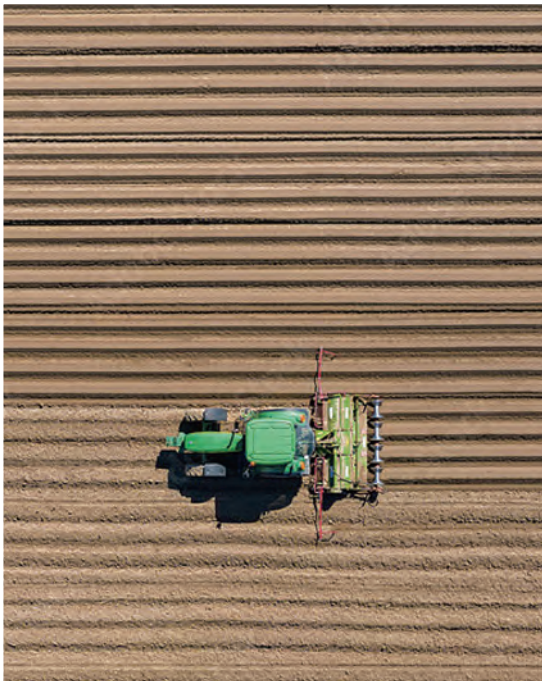
PW3X4SP-16



COULTER ASSEMBLIES



2. COULTER ASSEMBLIES



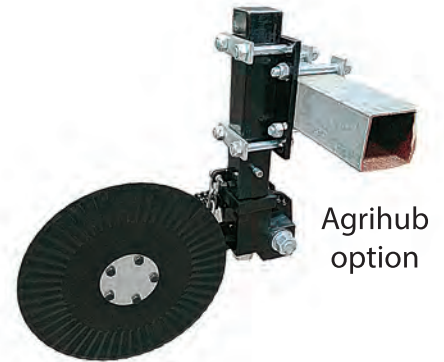
Section 2

Heavy Duty Coulters



SINGLE HD COULTER

NOTE: all assemblies come in Flat Pack form.



Agrihub option

16"
MAX-TIL

16"
SCALLOP

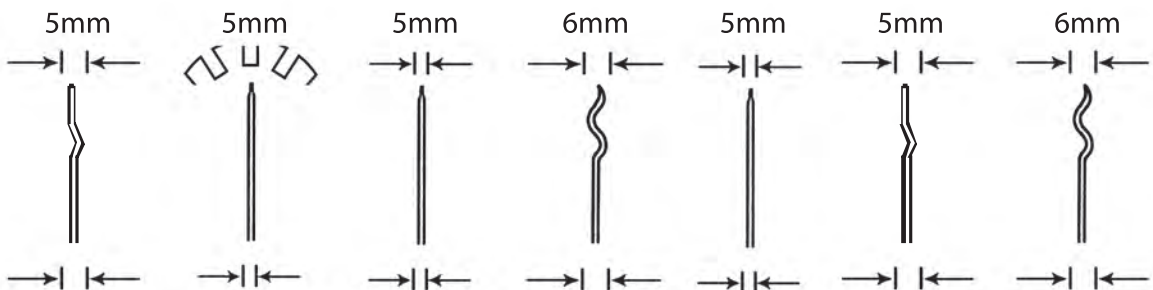
16"
PLAIN

16"
FLUTED
DISC

18"
PLAIN

18"
CROSS
WAVE

18"
FLUTED
DISC



CATCODES: PCO070

PCO071

PCO059

PCO060

PCO061

PCO072

PCO062

18"
MAX-TIL

18"
SCALLOP
(10)

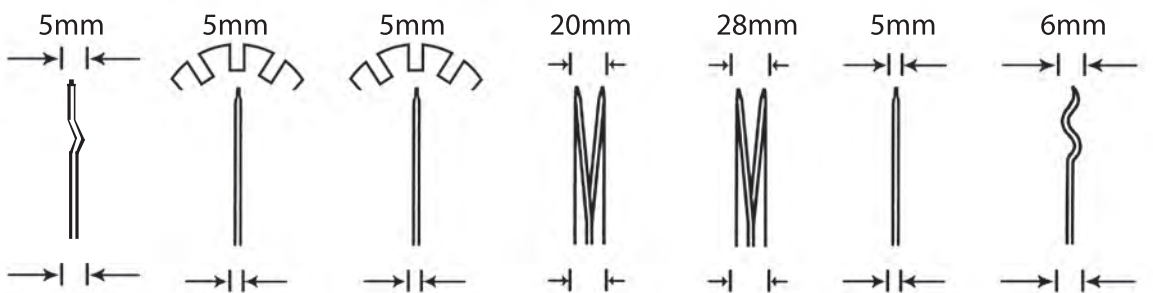
18"
SCALLOP
(20)

18"
WAVEY
13 WAVES

18"
WAVEY
24 WAVES

20"
PLAIN

20"
FLUTED
DISC



CATCODES: PCO073

PCO074

PCO075

PCO065

PCO066

PCO068

PCO067

Above Catcode is with greaseable taper rolling bearing hubs.

To order with both standard and slimline zero maintenance Agrihub options.

With AgriHubs add -AH to catcodes above, to order slimline add -SAH to catcode above.

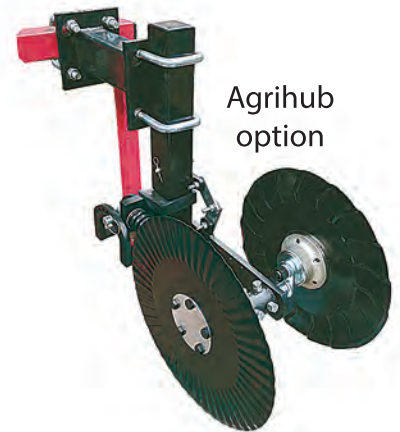
FOR OTHER DISC OPTIONS SEE SECTION 8

Heavy Duty Coulters



TWIN HD COULTER

NOTE: all assemblies come in Flat Pack form.



Agrihub
option

16"
MAX-TIL

16"
SCALLOP

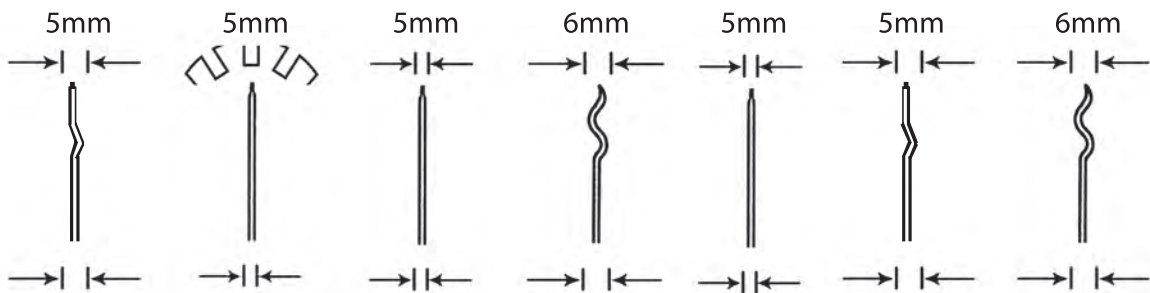
16"
PLAIN

16"
FLUTED
DISC

18"
PLAIN

18"
CROSS
WAVE

18"
FLUTED
DISC



18"
MAX-TIL

18"
SCALLOP
(10)

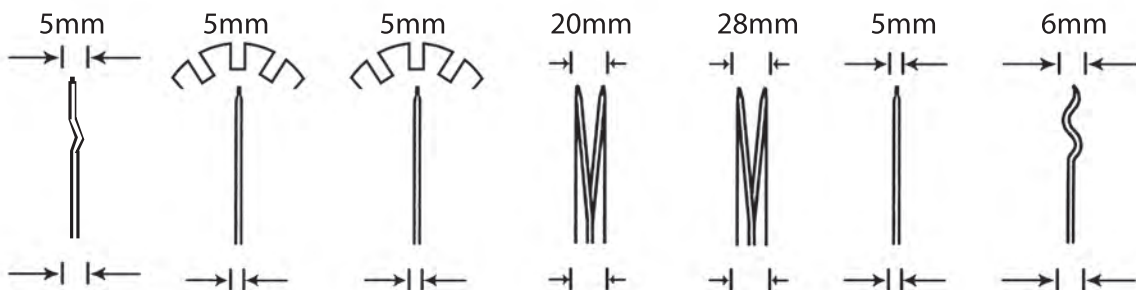
18"
SCALLOP
(20)

18"
WAVEY
13 WAVES

18"
WAVEY
24 WAVES

20"
PLAIN

20"
FLUTED
DISC



Twin Heavy Duty Coulters are available with either AgriHubs or standard taper roller bearing hubs and can be configured to suit 9"-16" spacing widths.

Heavy Duty Coulter Spares & Accessories

<p>HDCSP01 CATCODE: PCO295</p>  <p>HDC Spring Rod</p>	<p>HDCSP02 CATCODE: PCO296</p>  <p>HDC Spring Bush</p>	<p>HDCSP03 CATCODE: PCO297</p>  <p>HDC Spring Plate Forward</p>	<p>HDCSP04 CATCODE: PCO298</p>  <p>HDC Spring Plate Rear</p>
<p>HDCSP05 CATCODE: PCO299</p>  <p>HDC Spring Rod Nut</p>	<p>HDCSP06 CATCODE: PCO300</p>  <p>HDC Spring Release Pin</p>	<p>HDCSP07 CATCODE: PCO301</p>  <p>HDC Mounting Arm Pin & Clip</p>	<p>HDCSP08 CATCODE: PCO302</p>  <p>HDC R Clip</p>
<p>PWHTH-S/SGN CATCODE: PAX041</p>  <p>Holden HT Hub (Grease Nipple) TOTAL WIEGHT: 2.32kg</p>	<p>PWIHH-S/G CATCODE: PAX052</p>  <p>Integral Hub Stand Alone TOTAL WEIGHT: 2.25kg</p>	<p>HDCSPSPRINGRODKIT</p>  <p>Spring, Rod, Bushes, Nuts and Pins</p>	<p>PWHDCSP-10MMHB 10mm Spring</p>  <p>HDCSP02-34MM bush to suit 10mm spring</p>
<p>PWHDCP-11.2MMHB 11.2mm Spring</p>  <p>HDCSP02-34MM bush to suit 11.2mm spring</p>	<p>PWHUB/AHSA CATCODE: PBS057</p>  <p>Slim Line Agri Hub HT Pattern</p>	<p>PWHDCSP CATCODE: PCO285</p>  <p>Spring Heavy Duty Coulter</p>	<p>PWHDCMARM CATCODE: PCO282</p>  <p>Mounting Arm HD Coulter</p>
<p>PWHDC/60082RS CATCODE: PCO281</p>  <p>HD Coulter Swivel Bearings</p>	<p>PWHDC-SARM CATCODE: PCO275</p>  <p>(Also available to suit AgriHub) Single arm to suit Heavy Duty Coulter</p>	<p>PWHDC-TARM CATCODE: PCO278</p>  <p>Twin arm to suit Heavy Duty Coulter</p>	<p>PWHDCSWSEAL CATCODE: PCO287</p>  <p>Swivel Seal to suit HDC</p>
<p>PWHDC-WOAJ CATCODE: PCO280</p>  <p>Weldon Adjuster</p>	<p>PWHDC-SARMPIVOT CATCODE: PCO277</p>  <p>Single Arm Pivot to suit Heavy Duty Coulter</p>	<p>PWHDC-TARMPIVOT CATCODE: PCO279</p>  <p>Twin arm pivot to suit Heavy Duty Coulter</p>	<p>PWHUB/AH-HT CATCODE: PXA071</p>  <p>HT Cover Plate for Agri Hub</p>
<p>PWHDC-SARMNB-AH CATCODE: PXA074</p>  <p>Single Arm to suit Agri Hub, H/D Coulter</p>	<p>PWCS48688 CATCODE: PXA075</p>  <p>Seal for internal part of swivel</p>	<p>PWSHI-5HT CATCODE: POC010</p>  <p>HT Cover Plate for Agri Hub</p>	

Heavy Duty Coulter Spares & Accessories

<p>PWXMPLATEHD CATCODE: PXA012</p>  <p>'X' Mounting Plate</p>	<p>PWSP4-20 CATCODE: PNB038</p>  <p>Heavy Duty (20mm) 4" Shackle Plate</p>	<p>PWSP3-20 CATCODE: PNB037</p>  <p>Heavy Duty (20mm) 3" Shackle Plate</p>	<p>PWEXTARM350HD CATCODE: PXA001</p>  <p>350mm Extension Arm (Heavy Duty)</p>
<p>PWUBOLT/4X4HD-HT CATCODE: PNB033</p>  <p>4" Mounting UBolt</p>	<p>PWUBOLT/3X3HD-HT CATCODE: PNB034</p>  <p>3" Mounting Bolt</p>	 <p>Cross Mounting Plate Set Up</p>	



Light/Medium Duty Coulters



SINGLE COULTER (SET UNDER)

NOTE: all assemblies come in Flat Pack form.

16"
PLAIN

16"
FLUTED
DISC

18"
PLAIN

18"
CROSS
WAVE

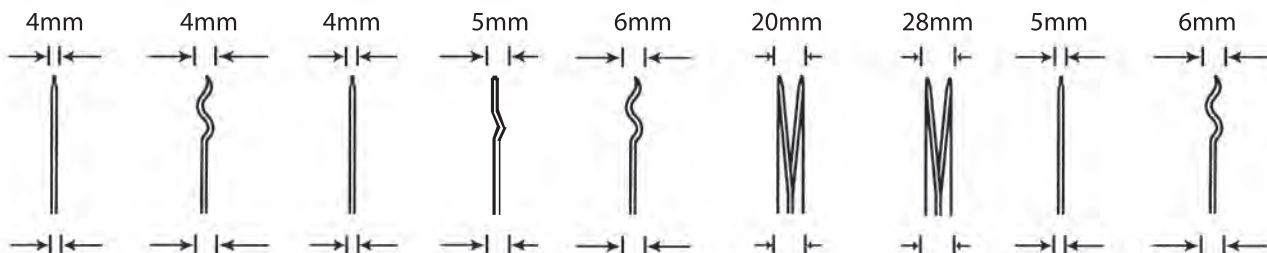
18"
FLUTED
DISC

18"
WAVEY
13 WAVES

18"
WAVEY
24 WAVES

20"
PLAIN

20"
FLUTED
DISC



CATCODES:

PCO119 PCO120 PCO121 PCO247 PCO122 PCO125 PCO126 PCO128 PCO127



SINGLE COULTER (SET BACK - TRAILING)

ALSO AVAILABLE TO SUIT LOW CLEARANCE MACHINES

16"
PLAIN

16"
FLUTED
DISC

18"
PLAIN

18"
CROSS
WAVE

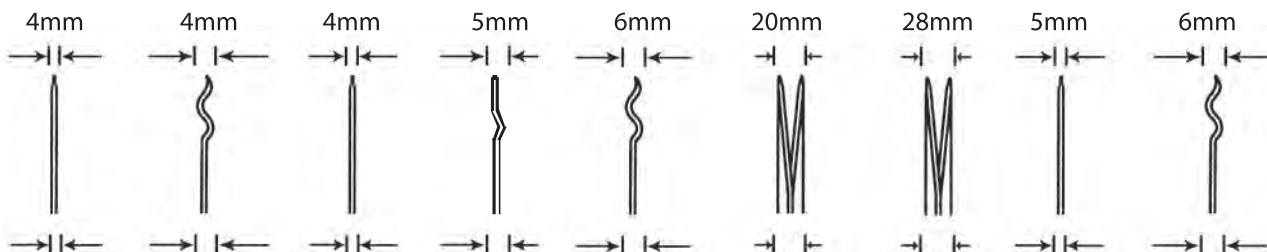
18"
FLUTED
DISC

18"
WAVEY
13 WAVES

18"
WAVEY
24 WAVES

20"
PLAIN

20"
FLUTED
DISC



CATCODES:

PCO129 PCO130 PCO131 PCO248 PCO132 PCO135 PCO136 PCO138 PCO137

FOR OTHER DISC OPTIONS SEE SECTION 8

Light/Medium Duty Coulters



TWIN COULTER (SET UNDER)

NOTE: all assemblies come in Flat Pack form.

16"
PLAIN

16"
FLUTED
DISC

18"
PLAIN

18"
CROSS
WAVE

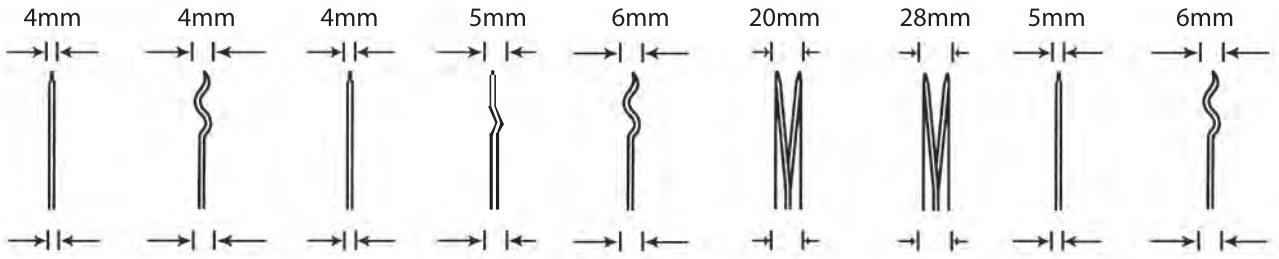
18"
FLUTED
DISC

18"
WAVEY
13 WAVES

18"
WAVEY
24 WAVES

20"
PLAIN

20"
FLUTED
DISC



CATCODES:

SPACINGS	7"	PCO139	PCO140	PCO141	PCO249	PCO142	PCO145	PCO146	PCO148	PCO147
	8"	PCO149	PCO150	PCO151	PCO250	PCO152	PCO155	PCO156	PCO158	PCO157
	9-10"	PCO159	PCO160	PCO161	PCO251	PCO162	PCO165	PCO166	PCO168	PCO167
	12-13"	PCO169	PCO170	PCO171	PCO252	PCO172	PCO175	PCO176	PCO178	PCO177
	13-15"	PCO179	PCO180	PCO181	PCO253	PCO182	PCO185	PCO186	PCO188	PCO187

FOR OTHER DISC OPTIONS SEE SECTION 8

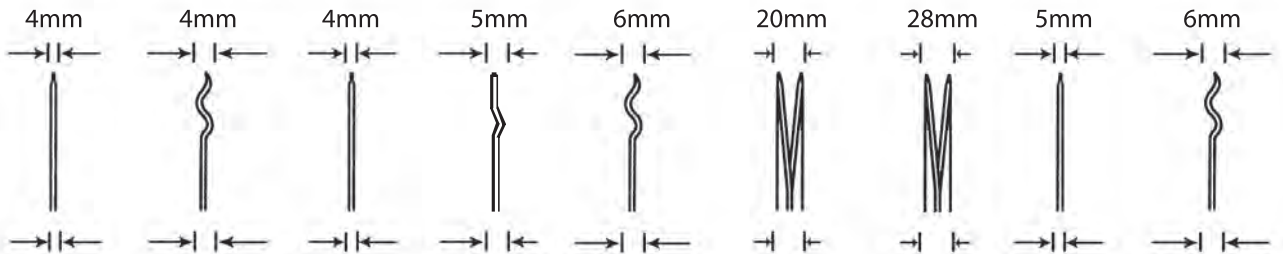
Light/Medium Duty Coulters



TWIN COULTER (SET BACK - TRAILING) ALSO AVAILABLE TO SUIT LOW CLEARANCE MACHINES

NOTE: all assemblies come in Flat Pack form.

- 16"
PLAIN
- 16"
FLUTED
DISC
- 18"
PLAIN
- 18"
CROSS
WAVE
- 18"
FLUTED
DISC
- 18"
WAVEY
13 WAVES
- 18"
WAVEY
24 WAVES
- 20"
PLAIN
- 20"
FLUTED
DISC



CATCODES:

SPACINGS	7"	PCO189	PCO190	PCO191	PCO254	PCO192	PCO195	PCO196	PCO198	PCO197
	8"	PCO199	PCO200	PCO201	PCO255	PCO202	PCO205	PCO206	PCO208	PCO207
	9-10"	PCO209	PCO210	PCO211	PCO256	PCO212	PCO215	PCO216	PCO218	PCO217
	12-13"	PCO219	PCO220	PCO221	PCO257	PCO222	PCO225	PCO226	PCO228	PCO227
	13-15"	PCO229	PCO230	PCO231	PCO258	PCO232	PCO235	PCO236	PCO238	PCO237

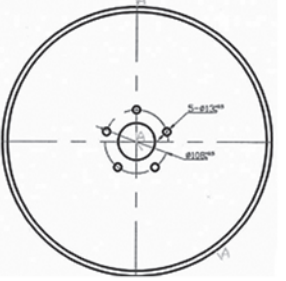
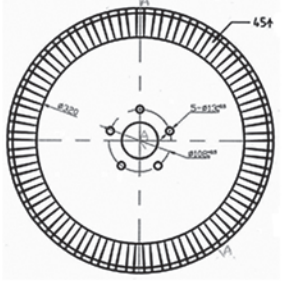
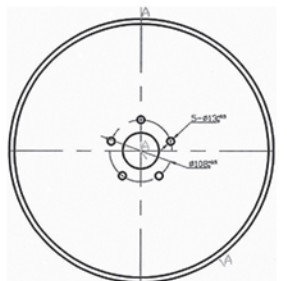
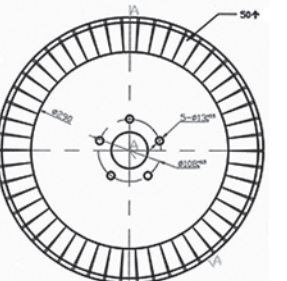
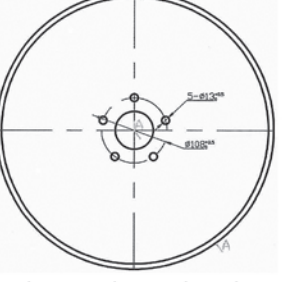
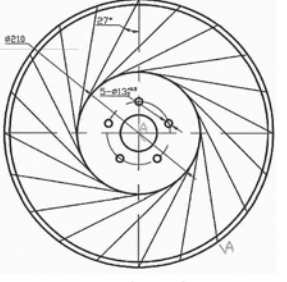
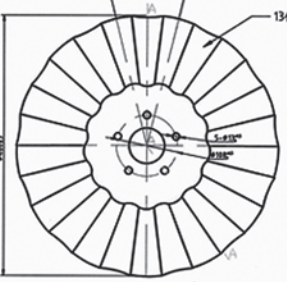
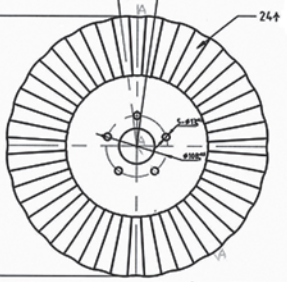
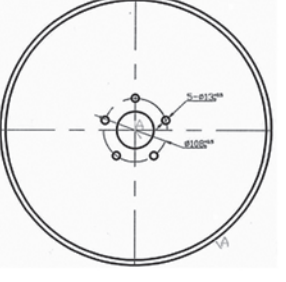
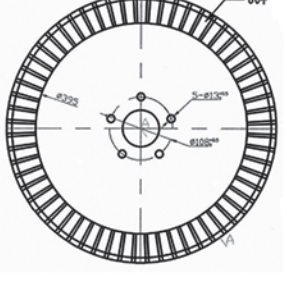

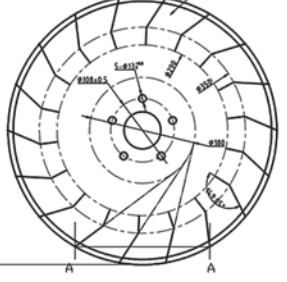
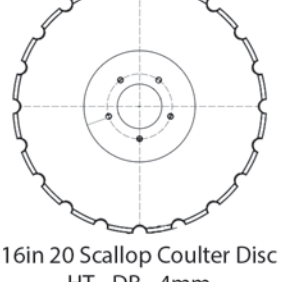
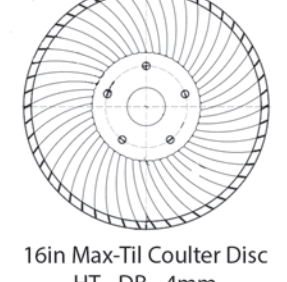

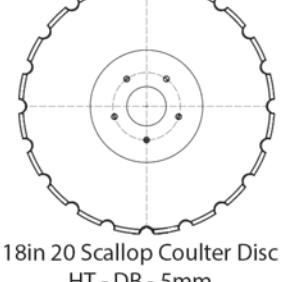
FOR OTHER DISC OPTIONS SEE SECTION 8

Light/Medium Duty Coultter Spares & Accessories

<p>PWHTH-S/SGN CATCODE: PAX041</p>  <p>Holden HT Hub (Grease Nipple) TOTAL WEIGHT: 2.32kg</p>	<p>PWIHH-S/G CATCODE: PAX052</p>  <p>Integral Hub Stand Alone TOTAL WEIGHT: 2.25kg</p>	<p>PWTRAILCOULTERTWIN CATCODE: PCO052</p>  <p>Twin Trailing Coultter Assembly - No Disc, Disc Position Trailing Mounting Bar TOTAL WEIGHT: 21.76kg</p>	<p>PWTRAILCOULTSINGLE CATCODE: PCO055</p>  <p>Single Trailing Coultter Assembly - No Disc, Disc Position Trailing Mounting Bar TOTAL WEIGHT: 21.12kg</p>
<p>PWTRAILCOULTUPPERARM CATCODE: PCO058</p>  <p>Trailing Coultter Upper Arm TOTAL WEIGHT: 9.40kg</p>	<p>PWCOULCHEEK12 CATCODE: PCO013</p>  <p>12in Coultter Cheek TOTAL WEIGHT: 3.50kg</p>	<p>PWCOULCHEEK14 CATCODE: PCO014</p>  <p>14in Coultter Cheek TOTAL WEIGHT: 5.60kg</p>	<p>PWCOULTERBRACKET CATCODE: PCO015</p>  <p>Coultter Mounting Bracket TOTAL WEIGHT: 3.00kg</p>
<p>PWCOULTERCHAIN CATCODE: PCO016</p>  <p>Chain - Coultter Assembly TOTAL WEIGHT: 0.60kg</p>	<p>PWCOULTERCLAMP CATCODE: PCO017</p>  <p>Coultter Clamp TOTAL WEIGHT: 0.66kg</p>	<p>CDDRUM11X3 CATCODE: PCO313</p>  <p>11" X 3" Coultter Drum PCD 5X108</p>	<p>CDDRUM12 CATCODE: PCO314</p>  <p>12" X 2" Coultter Drum PCD 5X108</p>
<p>PWCOULTUPPERARM CATCODE: PCO050</p>  <p>Coultter Upper Arm</p>	<p>CLAMPLH-HANDLE CATCODE: PCO012</p>  <p>Handle for CLAMPLH</p>	<p>PWOCAP/HT60 CATCODE: PCO005</p>  <p>60mm Overcap HT Pattern</p>	<p>PWCOULTERSINGLE CATCODE: PCO023</p>  <p>Single Coultter Assembly - No Disc Disc Position Under Mounting Bar TOTAL WEIGHT: 18.66kg</p>
<p>PWCOULTERSPRING CATCODE: PCO026</p>  <p>Spring - Coultter Assembly TOTAL WEIGHT: 1.10kg</p>	<p>PWCOULTERSPRINGHD CATCODE: PCO027</p>  <p>Spring - Coultter Assembly -Heavy Duty TOTAL WEIGHT: 1.88kg</p>	<p>PWCOULTERSPRINGMD CATCODE: PCO028</p>  <p>Spring - Coultter Assembly - Medium Duty TOTAL WEIGHT: 1.68kg</p>	<p>PWCOULTERTENSIONER CATCODE: PCO029</p>  <p>Spring Tensioning Gear - Coultter Assembly TOTAL WEIGHT: 0.50kg</p>
<p>PWCOULTERTWIN CATCODE: PCO030</p>  <p>Twin Coultter Assembly - No Disc Disc Position Under Mounting Bar TOTAL WEIGHT: 19.30kg</p>	<p>PWCOULHUBCOMP CATCODE: PCO034</p>  <p>Coultter Hub - Axle - Bearings - Seals etc TOTAL WEIGHT: 4.00kg</p>	<p>PWCOULHUBCOMP8 CATCODE: PCO035</p>  <p>Coultter Hub - 8 inch Axle - Bearings - Seals etc TOTAL WEIGHT: 4.05kg</p>	<p>PWCOULHUBCOMP9 CATCODE: PCO036</p>  <p>Coultter Hub - 9 inch Axle - Bearings - Seals etc TOTAL WEIGHT: 4.30kg</p>
<p>PWCOULTSEAL CATCODE: PCO037</p>  <p>Coultter Swivel Seal TOTAL WEIGHT: 0.05kg</p>	<p>PWCOULTSINGLELOWARM CATCODE: PCO038</p>  <p>Coultter Lower Arm Single TOTAL WEIGHT: 6.26kg</p>	<p>PWCOULTSPRINGLUG CATCODE: PCO039</p>  <p>Spring Lug - Coultter Assembly TOTAL WEIGHT: 0.40kg</p>	<p>PWCOULTTWINLOWERARM CATCODE: PCO045</p>  <p>Coultter Lower Arm Twin TOTAL WEIGHT: 6.90kg</p>

Coulter Discs

(All Manutec HT pattern discs can be used with zero maintenance AgriHub)

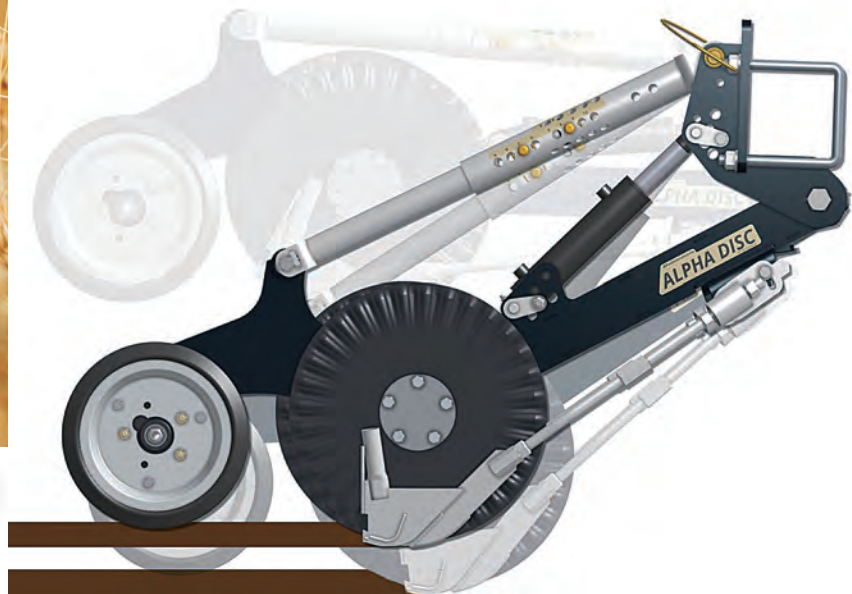
<p>CD16DBPHT CATCODE: PCO001</p>  <p>16in Plain Coulter Disc HT - DB - 4mm</p>	<p>CD16FHT CATCODE: PCO002</p>  <p>16in Fluted Coulter Disc HT - DB - 4mm</p>	<p>CD18DBPHT CATCODE: PCO003</p>  <p>18in Plain Coulter Disc HT - DB - 4mm</p>	<p>CD18FHT CATCODE: PCO004</p>  <p>18in Fluted Coulter Disc HT - DB - 4mm</p>
<p>CD18SBPHT CATCODE: PCO005</p>  <p>18in Plain Single Bevel Coulter Disc HT - 5mm</p>	<p>CD18THT CATCODE: PCO006</p>  <p>18in Max-Til Coulter Disc HT - DB - 4mm</p>	<p>CD18WV13HT CATCODE: PCO007</p>  <p>18in 13 Wave Coulter Disc HT - DB - 4mm</p>	<p>CD18WV24HT CATCODE: PCO008</p>  <p>18in 24 Wave Coulter Disc HT - DB - 4mm</p>
<p>CD20DBPHT CATCODE: PCO009</p>  <p>20in Plain Coulter Disc HT - DB - 5mm</p>	<p>CD20FHT CATCODE: PCO010</p>  <p>20in Fluted Coulter Disc HT - DB - 5mm</p>	<p>CD14RWHT CATCODE: PCO239</p>  <p>14in Trash Wheel HT - 4mm</p>	<p>CD18STHT CATCODE: PCO111</p>  <p>18in X-Wave Coulter Disc HT - DB - 4mm</p>
<p>CD16SC20HT CATCODE: PCO104</p>  <p>16in 20 Scallop Coulter Disc HT - DB - 4mm</p>	<p>CD16THT CATCODE: PCO105</p>  <p>16in Max-Til Coulter Disc HT - DB - 4mm</p>	<p>CD18SC10HT CATCODE: PCO109</p>  <p>18in 10 Scallop Coulter Disc HT - DB - 4mm</p>	<p>CD18SC20HT CATCODE: PCO110</p>  <p>18in 20 Scallop Coulter Disc HT - DB - 5mm</p>

For a full range of discs see Section 8

DOUBLE DISC OPENERS & ALPHA DISC UNITS



Section 3



3. DOUBLE DISC OPENERS
& ALPHA DISC UNITS

Double Disc & Triple Disc Assemblies

The MANUTEC double disc openers are located on a parallelogram system that provides constant down pressure, and they are independent of the weight of your seed drill.

What this means is that no matter what the quantity of seed and fertilizer within the drill, the sowing depth remains constant, and in most applications, there is no need for a ground opening device to run before the double disc opener. When there is a requirement the MANUTEC triple disc system can be used.



The parallelograms operate independent of each other, so if one row hits an obstruction, only that particular unit will lift out of the ground, while all other units remain in the ground and the machine will stay steady. MANUTEC Disc Openers will cut through wheat stubble as high as 8 tonne/Ha, and this can be further enhanced by the triple disc system.

They can also cope with small branches and twigs. Another advantage of the double disc opener over tyne seeders is that seeding can be conducted at speeds of between 10 – 16 kilometres per hour, and also requiring less horsepower to operate.



Set up on the same bar, the spacing of each unit can be as small as seven inches (180mm). An adjustable spring setting allows down force of upto 300 lb to be set, depending on ground conditions. When set up as a staggered configuration then lower spacings can be used.

Press wheels are used by the MANUTEC double disc opener. The press wheel trails behind the disc opener controlling sowing depth and covers the seed and fertilizer with soil, eliminating the need for harrows. A flexible seed firmer gently positions the seed at the bottom of the opening while preventing seed bounce. Other features of the double disc opener include a mud scraper to prevent build-up of dirt between the discs and to prevent blockage of the seed tubes, and an easy to use press wheel height adjuster, that gives finite adjustment. This allows for very accurate seed depths to be set.

The MANUTEC range of Double Disc Openers has been designed to be fitted to either the existing bar or a new tool bar using 3" or 4" clamps. The Manutec Double Disc system is a simple and lightweight opener that allows any old bar to be easily converted to an efficient disc system at a relatively low cost outlay.

Double Disc & Triple Disc Assemblies

DOUBLE DISC

DDO-3
CATCODE: PDD005

&

DDO-4
CATCODE: PDD001

to suit 3" and 4" tool bar



A range of press wheel options are available, see section 4.

TRIPLE DISC

TDO-3
CATCODE: PDD006

&

TDO-4
CATCODE: PDD007

to suit 3" and 4" tool bar



A range of press wheel options are available, see section 4.

Double Disc Opener Spares

<p>DDO-4-NPW CATCODE: PDD002</p>  <p>Double Disc - 4 inch - No Press Wheel Disc Unit Only</p>	<p>DDO-FRAMECOMP CATCODE: PDD003</p>  <p>Double Disc Opener - Framework</p>	<p>DDO-HUBSEAL CATCODE: PDD004</p>  <p>Double disc inner rubber seal</p>	<p>DDO-5/16UNC-N CATCODE: PSP007</p>  <p>5/16 UNC NYLOC (305166) Suits Double Disc Opener</p>
<p>DDO-5/16X3/4UNC-B CATCODE: PSP008</p>  <p>5/16X3/4 UNC BOLT (450074) Suits Double Disc Opener</p>	<p>DDO-51X38X2-W CATCODE: PSP009</p>  <p>51X38X2 WASHER (W655) Suits Double Disc Opener</p>	<p>DDO-ADJSCREWSET CATCODE: PSP010</p>  <p>Adjustable screw set Suits Double Disc Opener</p>	<p>DDO-BUSH14MM CATCODE: PSP011</p>  <p>14MM BUSH Suits Double Disc Opener</p>
<p>DDO-DBHUB CATCODE: PSP012</p>  <p>Double Bearing Hub DR169M Suits Double Disc Opener</p>	<p>DDO-DBHUBSEAL CATCODE: PSP013</p>  <p>Double Bearing Hub Seal Suits Double Disc Opener</p>	<p>DDO-DISCBUSHSET CATCODE: PSP014</p>  <p>Disc bush set Suits Double Disc Opener</p>	<p>DDO-DISCFRAME CATCODE: PSP015</p>  <p>Double Disc Frame (DOS) Suits Double Disc Opener</p>
<p>DDO-DISCFRAMEX CATCODE: PSP016</p>  <p>Double Disc Frame (DOS) - EXTRA LONG Suits Double Disc Opener</p>	<p>DDO-DSPACER CATCODE: PSP017</p>  <p>Disc Spacer Suits Double Disc Opener</p>	<p>DDO-19.8X31.8X2-W CATCODE: PSP005</p>  <p>19.8X31.8X2 WASHER (WHR165M) Suits Double Disc Opener</p>	<p>DDO-205KRP2 CATCODE: PSP006</p>  <p>205KRP2 Bearing Suits Double Disc Opener</p>
<p>DDO-PLDISC CATCODE: PSP027</p>  <p>Plain Seeding Disc 240-1241 Suits Double Disc Opener</p>	<p>DDO-SCDISC CATCODE: PSP036</p>  <p>Scalloped Seeding Disc 240-1241 Suits Double Disc Opener</p>	<p>DDO-HUBCLIP CATCODE: PSP020</p>  <p>Hub Circlip Suits Double Disc Opener</p>	<p>DDO-LH3/4X23/4UNF CATCODE: PSP021</p>  <p>3/4 inch x 2 3/4 inch UNF LH Bolt - 34234 Suits Double Disc Opener</p>
<p>DDO-LH3/4X2UNF CATCODE: PSP022</p>  <p>3/4 inch x 2 inch UNF LH Bolt - 450681 Suits Double Disc Opener</p>	<p>DDO-LTS CATCODE: PSP023</p>  <p>(WELDED NUT VERSION) Large Tension Spring DR150MC Suits Double Disc Opener (Pre 2017)</p>	<p>DDO-LTSNUT CATCODE: PSP024</p>  <p>Nut - Weld On for Large Tension Spring Suits Double Disc Opener</p>	<p>DDO-LW CATCODE: PSP025</p>  <p>Lock Washer - DDO Hub Suits Double Disc Opener</p>
<p>DDO-PBOLT14MM CATCODE: PSP026</p>  <p>14mm Pivot Bolt/Nyloc Suits Double Disc Opener</p>	<p>DDO-PWARM CATCODE: PSP028</p>  <p>Press wheel arm Suits Double Disc Opener</p>	<p>DDO-PWAXLEBOLT CATCODE: PSP029</p>  <p>16mm PW Axle Bolt/Nyloc/Washer Suits Double Disc Opener</p>	<p>DDO-HANDLE CATCODE: PSP019</p>  <p>Adjustment Handle - DDO Suits Double Disc Opener</p>

Double Disc Opener Spares (Manutec/Stubble King)

<p>DDO-RH3/4X23/4UNF CATCODE: PSP030</p>  <p>3/4 inch x 2 3/4 inch UNF RH Bolt - 34235 Suits Double Disc Opener</p>	<p>DDO-RH3/4X2UNF CATCODE: PSP031</p>  <p>3/4 inch X 2 inch UNF RH Bolt - 450548 Suits Double Disc Opener</p>	<p>DDO-RP CATCODE: PSP032</p>  <p>Roll Pin - Suits DDO-HANDLE Suits Double Disc Opener</p>	<p>DDO-SBHUB CATCODE: PSP033</p>  <p>Single Bearing Hub DR168M Suits Double Disc Opener</p>
<p>DDO-SC CATCODE: PSP034</p>  <p>Disc Scraper Suits Double Disc Opener</p>	<p>DDO-PBOLT1/2X51/2 CATCODE:</p>  <p>1/2 inch x 5 1/2 inch Pivot Bolt</p>	<p>DDO-PIVOTBUSH14MM CATCODE: PSP123</p>  <p>New model suits 14mm pivot bolts Nylon Bush for DDO Pivots</p>	<p>DDO-SF CATCODE: PSP037</p>  <p>Seed Firmer - UHMW Plastic DR178M Suits Double Disc Opener</p>
<p>DDO-SQSPACER CATCODE: PSP038</p>  <p>Square spacer block Suits Double Disc Opener</p>	<p>DDO-WOTHREAD CATCODE: PSP039</p>  <p>Weld On Thread Suits Double Disc Opener</p>	<p>DDO-WSPACER CATCODE: PSP040</p>  <p>Wheel Spacer Suits Double Disc Opener</p>	<p>DDO-PIVOTBUSH CATCODE: PSP119</p>  <p>Older Stubbleking/Agpro models suits 12mm bolts Nylon Bush for DDO Pivots</p>
<p>DDO-SPRING CATCODE: PSP113</p>  <p>Spring Suits Double Disc Opener (2017+)</p>	<p>DDO-LTS-SIB CATCODE: PSP115</p>  <p>Spring Suits Disc Stubble King - Screw in Bush version</p>	<p>DDO-SPEYEBOLT CATCODE: PSP112</p>  <p>Spring Eye Bolt Suits Double Disc Opener (2017+)</p>	<p>DDO-EYEBOLT BUSH CATCODE: PSP117</p>  <p>Eye Bolt Bush Suits Double Disc Opener (2017+)</p>
<p>DDO-SCDISC-6 CATCODE: PSP110</p>  <p>Scalloped Seeding Disc (6mm version) Suits D.D.O</p>	<p>DDO-ADJHOUSING CATCODE: PSP124</p>  <p>Adjustable Screw Housing</p>	<p>DDO-ADJHOUSING (OLD) CATCODE: PSP125</p>  <p>Adjustable Screw Housing</p>	<p>DDO-PLDISC-6 CATCODE: PSP120</p>  <p>Plain Seeding Disc (6mm version) Suits D.D.O</p>
<p>DDO-SPRINGHD CATCODE: PSP162</p>  <p>Large Heavy Duty Tension Spring</p>	<p>DDO-SEEDDIST CATCODE: PSP124</p>  <p>Cast Aluminium Seed Distributor</p>	<p>DDO-SEEDPLASPARTS CATCODE: PSP166</p>  <p>Set of Plastic Parts to suit Seed Distributor</p>	<p>13PW48STL16 CATCODE: PWM005</p>  <p>13" Press Wheel</p>
<p>DDO-LHBOLT-75 CATCODE:</p>  <p>3/4 inch x 75mm LH Bolt</p>	<p>DDO-RHBOLT-75 CATCODE:</p>  <p>3/4 inch x 75mm RH Bolt</p>	<p>13PW48SRSD CATCODE: PWT007</p>  <p>13" Press Wheel Tyre</p>	<p>PWBNG/16SB-HD CATCODE: PBS052</p>  <p>Bearing to suit press wheel</p>

OEM Double Disc Opener Spares

SOW EZY / JOHN SHEARER (Pre 2021 models)

<p>DDO-SCEZY CATCODE: PCO325</p>  <p>Scalloped Disc Sow-Ezy</p>	<p>DDO-PLEZY CATCODE: PCO324</p>  <p>Plain Disc Sow-Ezy</p>	<p>DDO-EZYHUB CATCODE: PSP118</p>  <p>Disk Hub to suit Sow-Ezy planters</p>	<p>MLMA-J CATCODE: PBS074</p>  <p>PW Bearings Sow-Ezy/John Shearer</p>
<p>DDO-PLDISC CATCODE: PSP027</p>  <p>Pre 2018 model - John Shearer</p>	<p>DDO-SCDISC CATCODE: PSP036</p>  <p>Pre 2018 model - John Shearer</p>	<p>15PW80WGSS CATCODE: PWT031</p>  <p>Tyre: Sow-Ezy - John Shearer</p>	<p>15PW80WGSS/AIRD CATCODE: PWO048</p>  <p>old model; Sow-Ezy - John Shearer</p>
<p>15PWALIHCENTRE CATCODE: PWC010</p>  <p>PW Centre Sow-Ezy - John Shearer</p>	<p>PWIHBNGSEALSET CATCODE: PBS039</p> 	<p>MSAHD CATCODE: PBS055</p>  <p>New style PW seal Sow-Ezy-John Shearer</p>	<p>DDO-EZYSCRAPER CATCODE: PSP163</p>  <p>Sow-Ezy disc scrapers</p>
<p>DDO-EZYHUBSEAL CATCODE: PSP152</p>  <p>Disc hub Seal Sow-Ezy</p>	<p>15PW80WGSS/EZYSACOMP CATCODE: PWK180</p>  <p>AgriHub Wheel Sow-Ezy</p>	<p>PWDUSTCAP CATCODE: PBS033</p>  <p>PW Dustcap Sow-Ezy/John Shearer</p>	<p>LM11949/10 CATCODE:</p>  <p>PW Dustdap Sow-Ezy/John Shearer</p>
<p>PWMARSEAL CATCODE:</p>  <p>Old PW Seal Sow-Ezy</p>	<p>15PW80WGSS/JSCOMP CATCODE:</p>  <p>AgriHub Wheel John Shearer</p>	<p>PWDUSTCAP CATCODE:</p>  <p>Disc Hub Dustcap Sow-Ezy</p>	<p>PWIHBNGSEALSET-MS CATCODE:</p>  <p>Old Model Bearing/seal set Sow-Ezy</p>
<p>DDO-EZYDHUBBN CATCODE:</p>  <p>Hub bolt for SOW EZY</p>	<p>DDO-EZYBUSH3/4X7/8 CATCODE: PSP151</p>  <p>3/4X7/8 SPLIT BUSH</p>		

See section 5 for a range of OEM spares to suit the following Disc Machines

Stubble King • Sow-Ezy • Shearer • Homan
Alphadisc • John Deere • Austil • Daybreak • Duncan

ALPHA DISC



The durability of tines, with the precision and trash flow of discs, the iPaddock Alpha Disc is the disc seeder for farmers who prefer tines! Instant upgrade option for John Deere 1890, Tobin Bullet, Seed Hawk, Serafin, Morris Contour and similar toolbars. Please note, if you have hard ground, it is essential to have a heavy bar for the narrow row spacing (187.5mm) dual row option.

The unique dual row iPaddock Alpha disc units offer a low cost, low maintenance precision seeding option for high productivity and narrow row spacings, and will retrofit directly onto 4", 6" or 8" toolbars including John Deere 1890 model disc seeders, at close to half the price of other disc seeding row units. Other popular toolbars for retrofitting with iPaddock discs include the Tobin Bullet, Morris Contour, Serafin and DBS.



For not much more than the cost of rebuilding your John Deere disc seeder units, you can now fit an all-new set of iPaddock discs for years of trouble free operation, while doing a better job of planting your crop, year in, year out.

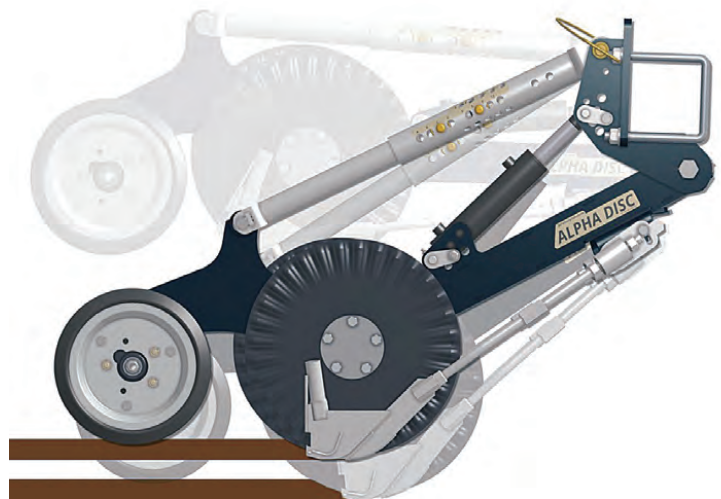
Each row on the iPaddock Alpha disc has a custom designed rippled disc governed by a load bearing press wheel to accurately place seeds into a firm, well-shaped furrow, without the big issues of mud blockages common on gauge wheel disc seeders. The standard dual row iPaddock units have 2 discs spaced at 187.5mm (7.5"), which dramatically lowers the cost of achieving narrow row spacings for improved yields and weed competition. The unique iPaddock Alpha disc dual row system also means every disc can be mounted on a single rank, eliminating the serious issue of the rear row backfilling the front row, as happens with conventional multiple rank seeders. This also greatly simplifies pipe checking and maintenance. No more grovelling around under the machine in the dirt!

Seeding with discs can increase productivity by 50% with the same size machine, but other disc seeders are notorious for reliability and chemical issues in Australian conditions. iPaddock Alpha Disc is the solution to these issues.

Australian designed by iPaddock's Mic Fels, the iPaddock Alpha Disc is the first true broadacre, no maintenance precision disc seeder. Compatible with most 4" (100mm), 6" (150mm) and 8" (200mm) toolbars.

Single disc systems typically use an even number of Left and Right hand units to balance side draft, with Left units on the Left and Right units on the right side of the toolbar. This creates a "toe-in" effect which helps machine tracking.

At 187.5mm row spacings you will need 2.67 Standard Dual units per metre width. This equates to 24 units (12L, 12R) for 9m/48 rows; 32 units (16L, 16R) for 12m/64 rows; 48 units (24L, 24R) for 18m/96 rows. Contact us for advice on other configurations.



ALPHA DISC

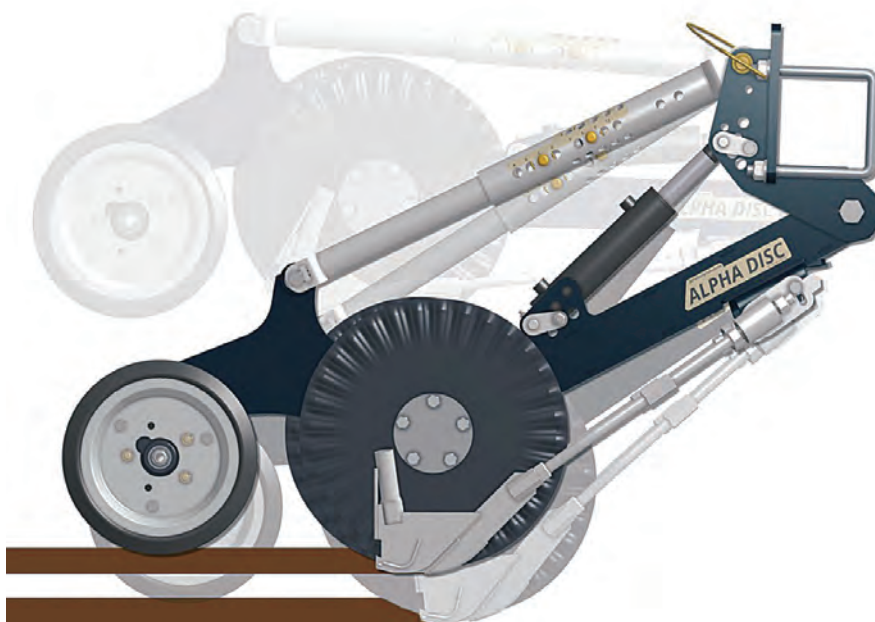


<p>PWHUB/AH-HT CATCODE: PBS053</p> <p>NSK 5 stud AgriHub (5x108)</p>  <p>SEALED FOR LIFE HUB</p>	<p>PWHUB/AHSA CATCODE: PBS057</p> <p>Slimline AgriHub 5 stud (5x108)</p>  <p>SEALED FOR LIFE HUB</p>	<p>DC-PEER CATCODE: POC018</p>  <p>Dust Cover to Suit Peer AgriHub</p>	<p>DC-NSK CATCODE: POC017</p>  <p>Dust Cover to Suit NSK AgriHub</p>
<p>CD18ALPHADISC-4MM CATCODE:PGS001</p>  <p>Standard Alpha Disc Tyre</p>	<p>CD18ALPHADISC-5MM CATCODE:PGS002</p>  <p>High Durability Alpha Disc Tyre and Rim</p>	<p>ALPHAWAVESP/HT CATCODE:PGS008</p>  <p>High Durability Alpha Disc Tyre and Rim</p>	<p>ALPHATYRESS/HT CATCODE:PGS006</p>  <p>High Durability Alpha Disc Tyre and Rim</p>
<p>ALPHATYRE-SS CATCODE:PGS003</p>  <p>Alpha Disc wave tyre and rim</p>	<p>ALPHATYRE-WVSP CATCODE:PGS009</p>  <p>High Durability Alpha Disc Tyre</p>	<p>ALPHATYRE-SP CATCODE:PGS004</p>  <p>Standard Alpha Disc Tyre</p>	<p>ALPHATYRESP/HT CATCODE:PGS005</p>  <p>Standard Alpha Disc Tyre and Rim</p>
<p>PWSHI-5HT-INT CATCODE: POC014</p>  <p>5x108 Slimline AgriHub Cover plate</p>	<p>PWNUT/M22X1.5 CATCODE: PNB033</p>  <p>M22 nut and spring washer for AgriHub</p>	<p>PFWW-M12</p>  <p>M12 Flat Washer</p>	<p>BOLTM12X1.25X20 BOLTM12X1.25X25</p>  <p>M12 (1.25) Bolt for AgriHubs.</p>
<p>ALPHWHLBUSH3.0 CATCODE:PGS009</p>  <p>20mm bush for slimline AgriHub</p>	<p>BOLTM20X75 CATCODE:PGS010</p>  <p>M20 bolt & washer for slimline AgriHub</p>		

ALPHA DISC - OLDER MODELS



<p>CD18FHT-JD CATCODE:</p> 	<p>PWBUSH5/8X35 CATCODE</p> 	<p>CD18FHT CATCODE: PC0004</p>  <p>DIAMETER: 18" PATTERN: HT (5 x 108mm) TYPE: DB Fluted THICKNESS: 4mm</p>	<p>JDHUB-5203S CATCODE: PAX067</p> <p>Steel JD Hub 5203 BNG Incl. Bearing No Axle, suits 16mm 5/8 bolt axle.</p>  <p>SEALED FOR LIFE BEARING</p>
<p>BOLT5/8X10UNF-HT WASHER5/8-HT PWSW-5/8 PWCONELOK58</p>  <p>3/4 Bolt(10"), washer, spring washer and nut</p>	<p>13PW75FLSP/AHT CATCODE: PWM007</p>  <p>TYPE: SP SHAPE: Flat DIAMETER: 330mm WIDTH: 100mm with 75mm tip WEIGHT: 5.2kg</p>	<p>13PW25FLSP/AHT CATCODE: PWM004</p>  <p>TYPE: SP SHAPE: Flat DIAMETER: 330mm WIDTH: 100mm with 25mm tip WEIGHT: 5kg</p>	<p>PWBNG/16SB-HD CATCODE: PBS052</p> <p>16mm Encased Roller Bearing Heavy Duty</p>  <p>SEALED FOR LIFE BEARING</p>
<p>13PW75FLSP CATCODE: PWT008</p>  <p>TYPE: SP WIDTH: 50mm SHAPE: Flat DIAMETER: 330mm WEIGHT: 3.3kg</p>	<p>13PW25FLSP CATCODE: PWT009</p>  <p>TYPE: SP WIDTH: 75mm SHAPE: Flat DIAMETER: 330mm WEIGHT: 3.15kg</p>	<p>ALPHWHLBUSH2.0 CATCODE: PGS012</p>  <p>3/4 bush for slimline AgriHub</p>	



PRESS WHEELS



Section 4











4. PRESS WHEELS

14"-15" Slimline AgriHub Press Wheels **ZERO MAINTENANCE**

Master Guide: All Wheels come standard with the following:

- 11.4" Alloy two piece split rim (actual rim diameter = 290mm) - 15PWALHTCENTRE
- 14"- 16" Tyre fitted (varies with code)
- Slimline Agri Hub (PCD 108mm)
- Grease cap cover and bolts
- Please order axle length required separately as axle is not included



<p>15PW100FLSD/SAH CATCODE: PWK114</p> <p>TYPE: SD WIDTH: 100mm SHAPE: Flat DIAMETER: 350mm WEIGHT: 9.70kg</p> 	<p>15PW100FLSP/SAH CATCODE: PWK115</p> <p>TYPE: SP WIDTH: 100mm SHAPE: Flat DIAMETER: 350mm WEIGHT: 8.70kg</p> 	<p>15PW110WGSD/SAH CATCODE: PWK116</p> <p>TYPE: SD WIDTH: 110mm SHAPE: Wedge DIAMETER: 380mm WEIGHT: 10.20kg</p> 	<p>15PW110WGSP/SAH CATCODE: PWK117</p> <p>TYPE: SP WIDTH: 110mm SHAPE: Wedge DIAMETER: 380mm WEIGHT: 9kg</p> 
<p>15PW55DOSP/SAH CATCODE: PWK118</p> <p>TYPE: SP WIDTH: 55mm SHAPE: Dome DIAMETER: 380mm WEIGHT: 7.70kg</p> 	<p>15PW55FLSD/SAH CATCODE: PWK119</p> <p>TYPE: SD WIDTH: 55mm SHAPE: Flat DIAMETER: 350mm WEIGHT: 8.90kg</p> 	<p>15PW55FLSP/SAH CATCODE: PWK120</p> <p>TYPE: SP WIDTH: 55mm SHAPE: Flat DIAMETER: 340mm WEIGHT: 6.80kg</p> 	<p>15PW55WGSD/SAH CATCODE: PWK121</p> <p>TYPE: SD WIDTH: 55mm SHAPE: Wedge DIAMETER: 380mm WEIGHT: 8.20kg</p> 
<p>15PW55WGSP/SAH CATCODE: PWK122</p> <p>TYPE: SP WIDTH: 55mm SHAPE: Wedge DIAMETER: 380mm WEIGHT: 7.20kg</p> 	<p>15PW70VESD/SAH CATCODE: PWK123</p> <p>TYPE: SD WIDTH: 70mm SHAPE: Vee DIAMETER: 380mm WEIGHT: 9.40kg</p> 	<p>15PW75RDSP/SAH CATCODE: PWK124</p> <p>TYPE: SP WIDTH: 75mm SHAPE: Round DIAMETER: 355mm WEIGHT: 8kg</p> 	<p>15PW80FLSP/SAH CATCODE: PWK125</p> <p>TYPE: SP WIDTH: 80mm SHAPE: Flat DIAMETER: 340mm WEIGHT: 7.80kg</p> 
<p>15PW80WGSD/SAH CATCODE: PWK127</p> <p>TYPE: SD WIDTH: 80mm SHAPE: Wedge DIAMETER: 380mm WEIGHT: 9kg</p> 	<p>15PW80WGSF/SAH CATCODE: PWK128</p> <p>TYPE: SF WIDTH: 80mm SHAPE: Wedge DIAMETER: 380mm WEIGHT: 7.50kg</p> 	<p>15PW80WGSP/SAH CATCODE: PWK129</p> <p>TYPE: SP WIDTH: 80mm SHAPE: Wedge DIAMETER: 380mm WEIGHT: 8.10kg</p> 	




















AXLE CODES	LOA
PWAXLE/SAH5/10	133mm
PWAXLE/SAH6/11	146mm
PWAXLE/SAH7/12	162mm
PWAXLE/SAH8/13	170mm
PWAXLE/SAH9/14	182mm
PWAXLE/SAH-EL	208mm
PWAXLE/SAHRM	122mm

AXLE CODES	LOA
PWAXLE/HORSCHV2	120.5mm
PWAXI F/MORRIS SAH	179mm
PWAXLE/HB-SAH	144mm
PWARM/FX	n/a
Double ended axles also available	

NOW AVAILABLE IN HIGH SIDE WALL OPTION (SEE PAGE 20)

15"-16" Slimline AgriHub Press Wheels

ZERO MAINTENANCE

<p>15PW80WGSS/SAH CATCODE: PWK130</p> <p>TYPE: SS WIDTH: 80mm SHAPE: Wedge DIAMETER: 380mm WEIGHT: 8.90kg</p> 	<p>15PW90RSD/SAH CATCODE: PWK131</p> <p>TYPE: SD WIDTH: 90mm SHAPE: Round DIAMETER: 380mm WEIGHT: 10.10kg</p> 	<p>15PW100FLSF/SAH CATCODE: PWK137</p> <p>TYPE: SF WIDTH: 100mm SHAPE: Flat DIAMETER: 350mm WEIGHT: 8.70kg</p> 	<p>15PW150WGSS/SAH CATCODE: PWK200</p> <p>TYPE: SS WIDTH: 150mm SHAPE: WINGED WEDGE DIAMETER: 390mm WEIGHT:</p> 
<p>15PW150FWSS/SAH CATCODE: PWT201</p> <p>TYPE: SS WIDTH: 150mm SHAPE: Winged Wedge DIAMETER: 390mm WEIGHT:</p> 	<p>16PW70VCSD/SAH CATCODE: PWK135</p> <p>TYPE: SD WIDTH: 70mm SHAPE: Vee/Dome DIAMETER: 410mm WEIGHT: 8.90kg</p> 	<p>16PW70VCSP/SAH CATCODE: PWK132</p> <p>TYPE: SP WIDTH: 70mm SHAPE: Vee/Dome DIAMETER: 410mm WEIGHT: 8.30kg</p> 	<p>16PW80WCSD/SAH CATCODE: PWK133</p> <p>TYPE: SD WIDTH: 80mm SHAPE: Wedge DIAMETER: 410mm WEIGHT: 9.60kg</p> 
<p>16PW80WCSP/SAH CATCODE: PWK134</p> <p>TYPE: SP WIDTH: 80mm SHAPE: Wedge DIAMETER: 410mm WEIGHT: 8.90kg</p> 	<p>16PW100RCSS/SAH CATCODE: PWK138</p> <p>TYPE: SS WIDTH: 100mm SHAPE: Round DIAMETER: 405mm WEIGHT: 11.60kg</p> 	<p>16PW100RCSP/SAH CATCODE: PWK139</p> <p>TYPE: SF WIDTH: 100mm SHAPE: Round DIAMETER: 405mm WEIGHT: 8.90kg</p> 	<p>16PW100RCSP/SAH CATCODE: PWK136</p> <p>TYPE: SP WIDTH: 100mm SHAPE: Round DIAMETER: 405mm WEIGHT: 9.50kg</p> 
<p>16PW130WGSP/SAH CATCODE: PWK202</p> <p>TYPE: SP WIDTH: 130mm SHAPE: Wedge DIAMETER: 400mm WEIGHT:</p> 	<p>15PW140PRSP/SAH CATCODE: PWK203</p> <p>TYPE: SP WIDTH: 140mm SHAPE: Paired Row DIAMETER: 380mm WEIGHT:</p> 	<p>15PW140PRSS/SAH CATCODE: PWK204</p> <p>TYPE: SS WIDTH: 140mm SHAPE: Paired Row DIAMETER: 380mm WEIGHT:</p> 	<p>PW131680WSP/SAH CATCODE: PWK205 Note 1</p> <p>TYPE: SP WIDTH: 80mm SHAPE: HS WEDGE DIAMETER: 410mm WEIGHT:</p> 
<p>PW131680WGSS/SAH CATCODE: PWK206 Note 1</p> <p>TYPE: SS WIDTH: 80mm SHAPE: HS Wedge DIAMETER: 410mm WEIGHT:</p> 	<p>PW131680FLSP/SAH CATCODE: PWK213 Note 1</p> <p>TYPE: SP WIDTH: 80mm SHAPE: HS FLAT DIAMETER: 410mm WEIGHT:</p> 	<p>PW131680FLSS/SAH CATCODE: PWK216 Note 1</p> <p>TYPE: SS WIDTH: 80mm SHAPE: HS FLAT DIAMETER: 410mm WEIGHT:</p> 	

AXLE CODES	LOA
PWAXLE/SAH5/10	133mm
PWAXLE/SAH6/11	146mm
PWAXLE/SAH7/12	162mm
PWAXLE/SAH8/13	170mm
PWAXLE/SAH9/14	182mm
PWAXLE/SAH-EL	208mm
PWAXLE/SAHRM	122mm

AXLE CODES	LOA
PWAXLE/HORSCHV2	120.5mm
PWAXI F/MORRIS-SAH	179mm
PWAXLE/HB-SAH	144mm
PWARM/FX	n/a
Double ended axles also available	

Note 1: These 4 wheels are fitted with a new high sidewall tyre variant and a smaller rim diameter

18"-19" Slimline AgriHub Press Wheels

ZERO MAINTENANCE
18PW55WGSS/SAH

CATCODE: PWK140

TYPE: SS
 WIDTH: 55mm
 SHAPE: Wedge
 DIAMETER: 480mm
 WEIGHT: 11.30kg


18PW80WGSD/SAH

CATCODE: PWK141

TYPE: SD
 WIDTH: 80mm
 SHAPE: Wedge
 DIAMETER: 480mm
 WEIGHT: 13kg


18PW80WGSP/SAH

CATCODE: PWK142

TYPE: SP
 WIDTH: 80mm
 SHAPE: Wedge
 DIAMETER: 480mm
 WEIGHT: 11.60kg


18PW80WGSS/SAH

CATCODE: PWK143

TYPE: SS
 WIDTH: 80mm
 SHAPE: Wedge
 DIAMETER: 480mm
 WEIGHT: 12.30kg


18PW55WGSD/SAH

CATCODE: PWK144

TYPE: SD
 WIDTH: 55mm
 SHAPE: Wedge
 DIAMETER: 480mm
 WEIGHT: 11.50kg


18PW100FLSD/SAH

CATCODE: PWK145

TYPE: SD
 WIDTH: 100mm
 SHAPE: Flat
 DIAMETER: 450mm
 WEIGHT: 14.40kg


18PW100FLSP/SAH

CATCODE: PWK146

TYPE: SP
 WIDTH: 100mm
 SHAPE: Flat
 DIAMETER: 450mm
 WEIGHT: 12.30kg


18PW100FRSD/SAH

CATCODE: PWK147

TYPE: SD
 WIDTH: 100mm
 SHAPE: Flat Ribbed
 DIAMETER: 480mm
 WEIGHT: 14.80kg


18PW100GASD/SAH

CATCODE: PWK148

TYPE: SD
 WIDTH: 100mm
 SHAPE: Gauge
 DIAMETER: 450mm
 WEIGHT: 14.50kg


18PW120FLSP/SAH

CATCODE: PWK149

TYPE: SP
 WIDTH: 120mm
 SHAPE: Flat
 DIAMETER: 450mm
 WEIGHT: 14.30kg


18PW55FLSP/SAH

CATCODE: PWK150

TYPE: SP
 WIDTH: 55mm
 SHAPE: Flat
 DIAMETER: 440mm
 WEIGHT: 9.90kg


18PW55FLSS/SAH

CATCODE: PWK151

TYPE: SS
 WIDTH: 55mm
 SHAPE: Flat
 DIAMETER: 440mm
 WEIGHT: 10.10kg


18PW55WGSP/SAH

CATCODE: PWK152

TYPE: SP
 WIDTH: 55mm
 SHAPE: Wedge
 DIAMETER: 480mm
 WEIGHT: 10.50kg


18PW55FLSD/SAH

CATCODE: PWK153

TYPE: SD
 WIDTH: 55mm
 SHAPE: FlatT
 DIAMETER: 440mm
 WEIGHT: 10.70kg


18PW100FLSF/SAH

CATCODE: PWK154

TYPE: SF
 WIDTH: 100mm
 SHAPE: Flat
 DIAMETER: 450mm
 WEIGHT: 12.30kg


18PW110WGSS/SAH

CATCODE: PWK155

TYPE: SS
 WIDTH: 110mm
 SHAPE: Wedge
 DIAMETER: 480mm
 WEIGHT: 14.30kg


18PW110WGSP/SAH

CATCODE: PWK156

TYPE: SP
 WIDTH: 110mm
 SHAPE: Wedge
 DIAMETER: 480mm
 WEIGHT: 12.40kg


18PW80WGSF/SAH

CATCODE: PWK157

TYPE: SF
 WIDTH: 80mm
 SHAPE: Wedge
 DIAMETER: 480mm
 WEIGHT: 10.80kg


18PW120FLSD/SAH

CATCODE: PWK158

TYPE: SD
 WIDTH: 120mm
 SHAPE: Flat
 DIAMETER: 450mm
 WEIGHT: 15kg



Master Guide: All Wheels come standard with the following:

- 15.3" Alloy two piece split rim (actual rim diameter = 390mm) (18PWALHTCENTRE)
- 18" Tyre fitted (varies with code)
- Slimline Agri Hub (PCD 108mm)
- Grease cap cover and bolts
- Please order axle length required separately as axle is not included

14"-15" AgriHub Wheels (Fitted Axle Version)
















ZERO MAINTENANCE

Master Guide: All wheels come standard with the following:

- 11.4" Alloy two piece split rim (actual rim diameter = 290mm)
- 14"-16" Tyre fitted
- 5 Hole AgriHub with fitted axle (PCD 98mm)
- 5 Hole Steel Plate
- 5 Bolts/Spring Washers
- Nut/Spring Washer
- A PCD 108mm Option is also available
















NOTE: also available in 4 hole AgriHub, use catcode - AH4 (Also PCD 98mm)



15PW100FLSD/AH5 CATCODE: PWK029  TYPE: SD WIDTH: 100mm SHAPE: Flat DIAMETER: 350mm WEIGHT: 9.80kg	15PW100FLSP/AH5 CATCODE: PWK031  TYPE: SP WIDTH: 100mm SHAPE: Flat DIAMETER: 350mm WEIGHT: 8.90kg	15PW110WGSD/AH5 CATCODE: PWK033  TYPE: SD WIDTH: 110mm SHAPE: Wedge DIAMETER: 380mm WEIGHT: 10.30kg	15PW110WGSP/AH5 CATCODE: PWK035  TYPE: SP WIDTH: 110mm SHAPE: Wedge DIAMETER: 380mm WEIGHT: 9.10kg
CATCODE: PWK030 15PW100FLSD/ASH Rim & Tyre only	CATCODE: PWK032 15PW100FLSP/ASH Rim & Tyre only	CATCODE: PWK034 15PW110WGSD/ASH Rim & Tyre only	CATCODE: PWK036 15PW110WGSP/ASH Rim & Tyre only
15PW55DOSP/AH5 CATCODE: PWK037  TYPE: SP WIDTH: 55mm SHAPE: Dome DIAMETER: 380mm WEIGHT: 7.80kg	15PW55FLSD/AH5 CATCODE: PWK039  TYPE: SD WIDTH: 55mm SHAPE: Flat DIAMETER: 350mm WEIGHT: 9kg	15PW55FLSP/AH5 CATCODE: PWK041  TYPE: SP WIDTH: 55mm SHAPE: Flat DIAMETER: 340mm WEIGHT: 6.90kg	15PW55WGSD/AH5 CATCODE: PWK043  TYPE: SD WIDTH: 55mm SHAPE: Wedge DIAMETER: 380mm WEIGHT: 8.3kg
CATCODE: PWK038 15PW55DOSP/ASH Rim & Tyre only	CATCODE: PWK040 15PW55FLSD/ASH Rim & Tyre only	CATCODE: PWK042 15PW55FLSP/ASH Rim & Tyre only	CATCODE: PWK044 15PW55WGSD/ASH Rim & Tyre only
15PW55WGSP/AH5 CATCODE: PWK045  TYPE: SP WIDTH: 55mm SHAPE: Wedge DIAMETER: 380mm WEIGHT: 7.30kg	15PW70VESD/AH5 CATCODE: PWK047  TYPE: SD WIDTH: 70mm SHAPE: Vee DIAMETER: 380mm WEIGHT: 9.60kg	15PW75RDSP/AH5 CATCODE: PWK049  TYPE: SP WIDTH: 75mm SHAPE: Round DIAMETER: 355mm WEIGHT: 8.10kg	15PW80FLSP/AH5 CATCODE: PWK051  TYPE: SP WIDTH: 80mm SHAPE: Flat DIAMETER: 340mm WEIGHT: 7.90kg
CATCODE: PWK046 15PW55WGSP/ASH Rim & Tyre only (No Axle/Bearings)	CATCODE: PWK048 15PW70VESD/ASH Rim & Tyre only (No Axle/Bearings)	CATCODE: PWK050 15PW75RDSP/ASH Rim & Tyre only (No Axle/Bearings)	CATCODE: PWK052 15PW80FLSP/ASH Rim & Tyre only (No Axle/Bearings)
15PW80WGSD/AH5 CATCODE: PWK055  TYPE: SD WIDTH: 80mm SHAPE: Wedge DIAMETER: 380mm WEIGHT: 9.10kg	15PW80WGSF/AH5 CATCODE: PWK057  TYPE: SF WIDTH: 80mm SHAPE: Wedge DIAMETER: 380mm WEIGHT: 7.70kg	15PW80WGSP/AH5 CATCODE: PWK059  TYPE: SP WIDTH: 80mm SHAPE: Wedge DIAMETER: 380mm WEIGHT: 8.20kg	
CATCODE: PWK056 15PW80WGSD/ASH Rim & Tyre only	CATCODE: PWK058 15PW80WGSF/ASH Rim & Tyre only	CATCODE: PWK060 15PW80WGSP/ASH Rim & Tyre only	

15"-16" Agrihub Wheels (Fitted Axle Version)

ZERO MAINTENANCE

<p>15PW80WGSS/AH5 CATCODE: PWK061</p> <p>TYPE: SS WIDTH: 80mm SHAPE: Wedge DIAMETER: 380mm WEIGHT: 9.10kg</p>  <p>CATCODE: PWK062 15PW80WGSS/ASH Rim & Tyre only</p> <p>16PW70VCSD/AH5 CATCODE: PWK069</p> <p>TYPE: SD WIDTH: 70mm SHAPE: Dome DIAMETER: 410mm WEIGHT: 9.10kg</p>  <p>CATCODE: PWK070 16PW70VCSD/ASH Rim & Tyre only</p>	<p>15PW90RDSD/AH5 CATCODE: PWK063</p> <p>TYPE: SD WIDTH: 90mm SHAPE: Round DIAMETER: 380mm WEIGHT: 10.30kg</p>  <p>CATCODE: PWK064 15PW90RDSD/ASH Rim & Tyre only</p> <p>16PW80WCSP/AH5 CATCODE: PWK071</p> <p>TYPE: SP WIDTH: 80mm SHAPE: Wedge DIAMETER: 410mm WEIGHT: 9.10kg</p>  <p>CATCODE: PWK072 16PW80WCSP/ASH Rim & Tyre only</p>	<p>15PW100FLSF/AH5 CATCODE: PWK065</p> <p>TYPE: SF WIDTH: 100mm SHAPE: FLAT DIAMETER: 350mm WEIGHT: 8.90kg</p>  <p>CATCODE: PWK066 15PW100FLSF/ASH Rim & Tyre only</p> <p>16PW80WCSD/AH5 CATCODE: PWK073</p> <p>TYPE: SD WIDTH: 80mm SHAPE: Wedge DIAMETER: 410mm WEIGHT: 9.70kg</p>  <p>CATCODE: PWK074 16PW80WCSD/ASH Rim & Tyre only</p>	<p>16PW70VCSP/AH5 CATCODE: PWK067</p> <p>TYPE: SP WIDTH: 70mm SHAPE: Vee/Dome DIAMETER: 410mm WEIGHT: 8.50kg</p>  <p>CATCODE: PWK068 15PW70VCSP/ASH Rim & Tyre only</p> <p>16PW100RCSP/AH5 CATCODE: PWK075</p> <p>TYPE: SP WIDTH: 100mm SHAPE: ROUND DIAMETER: 410mm WEIGHT: 9.70kg</p>  <p>CATCODE: PWK076 16PW100RCSP/ASH Rim & Tyre only</p>
<p>16PW100RCSF/AH5 CATCODE: PWK015</p> <p>TYPE: SF WIDTH: 100mm SHAPE: ROUND DIAMETER: 405mm WEIGHT: 9.10kg</p>  <p>CATCODE: PWK016 16PW100RCSF/ASH Rim & Tyre only</p> <p>16PW130WGSP/AH5 CATCODE: PWK 212</p> <p>TYPE: SP WIDTH: 130mm SHAPE: Wedge DIAMETER: 400mm WEIGHT:</p>  <p>CATCODE: PWK 207 16PW130WGP Rim & Tyre only</p>	<p>16PW100RCSS/AH5 CATCODE: PWK017</p> <p>TYPE: SS WIDTH: 100mm SHAPE: ROUND DIAMETER: 405mm WEIGHT: 11.80kg</p>  <p>CATCODE: PWK018 16PW100RCSS/ASH Rim & Tyre only</p> <p>15PW140PRSP/AH5 CATCODE: PWK 210</p> <p>TYPE: SP WIDTH: 140mm SHAPE: Paired Row DIAMETER: 380mm WEIGHT:</p>  <p>CATCODE: PWK 209 16PW140PRSP Rim & Tyre only</p>	<p>15PW150WGSS/AH5 CATCODE: PWK202</p> <p>TYPE: SS WIDTH: 150mm SHAPE: Winged Wedge DIAMETER: 390mm WEIGHT:</p>  <p>CATCODE: PWK204 15PW150WGSS/ASH Rim & Tyre only</p> <p>15PW140PRSS/AH5 CATCODE: PWK 211</p> <p>TYPE: SS WIDTH: 140mm SHAPE: Paired Row DIAMETER: 380mm WEIGHT:</p>  <p>CATCODE: PWK 216 16PW140PRSS/ASH Rim & Tyre only</p>	<p>15PW150FWSS/AH5 CATCODE: PWK203</p> <p>TYPE: SS WIDTH: 150mm SHAPE: Winged Wedge DIAMETER: 390mm WEIGHT:</p>  <p>CATCODE: PWK205 15PW150FWSS/ASH Rim & Tyre only</p>

18"- 19" AgriHub Wheels (Fitted Axle Version)

ZERO MAINTENANCE


Master Guide: All wheels come standard with the following:

- 15.3" Alloy two piece split rim (actual rim diameter = 390mm)
- 18" Tyre fitted
- 5 Hole AgriHub with fitted axle (PCD 98mm)
- 5 Hole Steel Plate
- 5 Bolts/Spring Washers
- Nut/Spring Washer

Note: Also available with 4 hole AgriHub, use catcode - AH4 (PCD 98mm)

Note: Also Available with a 108mm PCD



<p>18PW100FLSD/AH5 CATCODE: PWK077</p> <p>TYPE: SD WIDTH: 100mm SHAPE: Flat DIAMETER: 450mm WEIGHT: 14.60kg</p>  <p>CATCODE: PWK078 18PW100FLSD/ASH Rim & Tyre only</p>	<p>18PW100FLSP/AH5 CATCODE: PWK079</p> <p>TYPE: SP WIDTH: 100mm SHAPE: Flat DIAMETER: 450mm WEIGHT: 12.50kg</p>  <p>CATCODE: PWK080 18PW100FLSP/ASH Rim & Tyre only</p>	<p>18PW100FRSD/AH5 CATCODE: PWK081</p> <p>TYPE: SD WIDTH: 100mm SHAPE: Flat Ribbed DIAMETER: 480mm WEIGHT: 15kg</p>  <p>CATCODE: PWK082 18PW100FRSD/ASH Rim & Tyre only</p>	<p>18PW100GASD/AH5 CATCODE: PWK083</p> <p>TYPE: SD WIDTH: 100mm SHAPE: Gauge DIAMETER: 450mm WEIGHT: 14.70kg</p>  <p>CATCODE: PWK084 18PW100GASD/ASH Rim & Tyre only</p>
<p>18PW120FLSP/AH5 CATCODE: PWK085</p> <p>TYPE: SP WIDTH: 120mm SHAPE: Flat DIAMETER: 450mm WEIGHT: 14.50kg</p>  <p>CATCODE: PWK086 18PW120FLSP/ASH Rim & Tyre only</p>	<p>18PW55FLSP/AH5 CATCODE: PWK087</p> <p>TYPE: SP WIDTH: 55mm SHAPE: Flat DIAMETER: 440mm WEIGHT: 10.10kg</p>  <p>CATCODE: PWK088 18PW55FLSP/ASH Rim & Tyre only</p>	<p>18PW55FLSS/AH5 CATCODE: PWK089</p> <p>TYPE: SS WIDTH: 55mm SHAPE: Flat DIAMETER: 440mm WEIGHT: 10.30kg</p>  <p>CATCODE: PWK090 18PW55FLSS/ASH Rim & Tyre only</p>	<p>18PW55WGSP/AH5 CATCODE: PWK091</p> <p>TYPE: SP WIDTH: 55mm SHAPE: Wedge DIAMETER: 480mm WEIGHT: 10.60kg</p>  <p>CATCODE: PWK092 18PW55WGSP/ASH Rim & Tyre only</p>
<p>18PW55WGSS/AH5 CATCODE: PWK093</p> <p>TYPE: SS WIDTH: 55mm SHAPE: Wedge DIAMETER: 480mm WEIGHT: 10.40kg</p>  <p>CATCODE: PWK094 18PW55WGSS/ASH Rim & Tyre only</p>	<p>18PW80WGSD/AH5 CATCODE: PWK095</p> <p>TYPE: SD WIDTH: 80mm SHAPE: Wedge DIAMETER: 440mm WEIGHT: 13.10kg</p>  <p>CATCODE: PWK096 18PW80WGSD/ASH Rim & Tyre only</p>	<p>18PW80WGSP/AH5 CATCODE: PWK097</p> <p>TYPE: SP WIDTH: 80mm SHAPE: Wedge DIAMETER: 480mm WEIGHT: 11.80kg</p>  <p>CATCODE: PWK098 18PW80WGSP/ASH Rim & Tyre only</p>	<p>18PW80WGSS/AH5 CATCODE: PWK099</p> <p>TYPE: SS WIDTH: 80mm SHAPE: Wedge DIAMETER: 480mm WEIGHT: 12.40kg</p>  <p>CATCODE: PWK100 18PW80WGSS/ASH Rim & Tyre only</p>



Also available in 'HT' option

18"-19" AgriHub Wheels (Fitted Axle Version)

ZERO MAINTENANCE

18PW110WGSS/AH5
CATCODE: PWK109

TYPE: SS
WIDTH: 110mm
SHAPE: WEDGE
DIAMETER: 480mm
WEIGHT: 14.50kg



CATCODE: PWK110
18PW110WGSS/ASH
Rim & Tyre only

18PW120FLSD/AH5
CATCODE: PWK111

TYPE: SD
WIDTH: 120mm
SHAPE: FLAT
DIAMETER: 450mm
WEIGHT: 15.20kg



CATCODE: PWK112
18PW120FLSD/ASH
Rim & Tyre only

18PW80WGSF/AH5
CATCODE: PWK113

TYPE: SF
WIDTH: 80mm
SHAPE: WEDGE
DIAMETER: 480mm
WEIGHT: 11kg



CATCODE: PWK114
18PW80WGSF/ASH
Rim & Tyre only

SD = SOLID
SP = SEMI PNEUMATIC
SS = SEMI - SOLID
SF = HI - FLEX

18PW55WGSD/AH5
CATCODE: PWK101

TYPE: SD
WIDTH: 55mm
SHAPE: Wedge
DIAMETER: 480mm
WEIGHT: 11.70kg



CATCODE: PWK102
18PW55WGSD/ASH
Rim & Tyre only

18PW55FLSD/AH5
CATCODE: PWK103

TYPE: SD
WIDTH: 55mm
SHAPE: Flat
DIAMETER: 440mm
WEIGHT: 10.80kg



CATCODE: PWK104
18PW55FLSD/ASH
Rim & Tyre only

18PW100FLSF/AH5
CATCODE: PWK105

TYPE: SF
WIDTH: 100mm
SHAPE: Flat
DIAMETER: 450mm
WEIGHT: 12.50kg



CATCODE: PWK106
18PW100FLSF/ASH
Rim & Tyre only

18PW110WGSP/AH5
CATCODE: PWK107

TYPE: SP
WIDTH: 110mm
SHAPE: Wedge
DIAMETER: 480mm
WEIGHT: 12.60kg



CATCODE: PWK108
18PW110WGSP/ASH
Rim & Tyre only

Note: To include "cam" style 40mm bolt on stub axle, replace /ASHC with /ASHRD as per below:



16"- 17" Parallelogram Wheels

New range in 2019 specifically designed to be fitted to Morris C1/C2, Bourgault 3320/3420, Flexi-Coil, PD5700, SeedHawk and other similar machines. The new model wheels have been specifically designed with a wider surface and high side walls.

<p>16PW120FLSP/AHT CATCODE: PWP141</p> <p>TYPE: SP WIDTH: 120mm SHAPE: FLAT DIAMETER: 410mm WEIGHT: 10kg</p> 	<p>16PW140RDSP/AHT CATCODE: PWP142</p> <p>TYPE: SP WIDTH: 140mm SHAPE: ROUND DIAMETER: 390mm WEIGHT: 9.7kg</p> 	<p>16PW120RDSP/AHT CATCODE: PWP143</p> <p>TYPE: SP WIDTH: 120mm SHAPE: ROUND DIAMETER: 390mm WEIGHT: 8.70kg</p> 	<p>16PW120WGSP/AHT CATCODE: PWP144</p> <p>TYPE: SP WIDTH: 120mm SHAPE: WEDGE DIAMETER: 410mm WEIGHT: 8.7kg</p> 
<p>16PW120PRSP/AHT CATCODE: PWP146</p> <p>TYPE: SP WIDTH: 120mm SHAPE: PAIRED ROW DIAMETER: 400mm WEIGHT: 10.95kg</p> 	<p>16PW120FLSS/AHT CATCODE: PWP154</p> <p>TYPE: SS WIDTH: 120mm SHAPE: FLAT DIAMETER: 410mm WEIGHT: 12.7kg</p> 	<p>16PW140RDSS/AHT CATCODE: PWP161</p> <p>TYPE: SS WIDTH: 120mm SHAPE: ROUND DIAMETER: 390mm WEIGHT: 11.7kg</p> 	<p>16PW120RDSS/AHT CATCODE: PWP157</p> <p>TYPE: SS WIDTH: 120mm SHAPE: ROUND DIAMETER: 390mm WEIGHT: 9.85kg</p> 
<p>16PW120WGSS/AHT CATCODE: PWP160</p> <p>TYPE: SS WIDTH: 120mm SHAPE: Wedge DIAMETER: 410mm WEIGHT: 10.3kg</p> 	<p>16PW120PRSS/AHT CATCODE: PWP155</p> <p>TYPE: SS WIDTH: 120mm SHAPE: PAIRED ROW DIAMETER: 430mm WEIGHT: 13.5kg</p> 	<p>16PW120VESS/AHT CATCODE: PWP158</p> <p>TYPE: SS WIDTH: 120mm SHAPE: VEE DIAMETER: 420mm WEIGHT: 10.10kg</p> 	<p>16PW120RDSF/AHT CATCODE: PWP164</p> <p>TYPE: SF WIDTH: 120mm SHAPE: Round DIAMETER: 390mm WEIGHT:</p> 
<p>16PW120WGSF/AHT CATCODE: PWP165</p> <p>TYPE: SF WIDTH: 120mm SHAPE: WEDGE DIAMETER: 410mm WEIGHT:</p> 	<p>17PW120RDSD/AHT CATCODE: PWP162</p> <p>TYPE: SD WIDTH: 120mm SHAPE: ROUND DIAMETER: 440mm WEIGHT: 13kg</p> 	<p>17PW120RDSS/AHT CATCODE: PWP163</p> <p>TYPE: SS WIDTH: 120mm SHAPE: ROUND DIAMETER: 440mm WEIGHT: 13kg</p> 	

NOTE: This is a new low profile rim size and not a standard rim. New versions of tyres and wheels in this range will be added depending on demand. If you have a particular requirement Contact Manutec.

Manutec also do a range of narrow shaped wheels that can also be fitted to the machines below These wheels have been designed as direct replacements for the following machines.

- | | |
|----------------------------|----------------------|
| 1. Morris C1/C2 (1)(2) | 6. JD1870 (5) |
| 2. Seedhawk (1) | 7. Equalizer |
| 3. Bourgault 3320/3420 (1) | 8. PSS |
| 4. Flexicoil PD5700 (1)(3) | 9. Seedmaster |
| 5. Horsch Sprinter (4) | 10. Other equivalent |

- (1) Hi-Flex tyres not recommended for high pressure applications.
 (2) Morris axle available for AgriHub conversion.
 (3) Flexi-coil arm/axle available for AgriHub conversion.
 (4) Horsch Requires axle and AgriHub to be fitted.
 (5) Max width for JD1870 is 120mm, requires additional washer to be fitted.



14"- 15" Integral Press Wheels

Master Guide: All Wheels come standard with the following:

- 11.4" Alloy two piece split rim (actual rim diameter = 290mm)
- 14"-16" Tyre fitted (varies with code)
- 9" Integral, 40mm Round Axle and Nut Pin Washer
- Type A LM Bearing Set, Heavy Duty Seal, Dust Cap and Clips
- SD = Solid, SP = Semi-Pneumatic, SS = Semi-Solid, SF = Hi-Flex










OPTIONS: Options available, 6", 7", 8", 10", rounded axles, 9" square axles and double ended axles

Diameter is overall diameter with tyre fitted



15PW100FLSD/AIRD CATCODE: PWO002 TYPE: SD WIDTH: 100mm SHAPE: Flat DIAMETER: 350mm WEIGHT: 10.44kg CATCODE: PWO001 15PW100FLSD/AI Rim & Tyre only (No Axle/Bearings)	15PW100FLSP/AIRD CATCODE: PWO005 TYPE: SP WIDTH: 100mm SHAPE: Flat DIAMETER: 350mm WEIGHT: 9.40kg CATCODE: PWO004 15PW100FLSP/AI Rim & Tyre only (No Axle/Bearings)	15PW110WGSD/AIRD CATCODE: PWO008 TYPE: SD WIDTH: 110mm SHAPE: Wedge DIAMETER: 380mm WEIGHT: 10.90kg CATCODE: PWO007 15PW110WGSD/AI Rim & Tyre only (No Axle/Bearings)	15PW110WGSP/AIRD CATCODE: PWO011 TYPE: SP WIDTH: 110mm SHAPE: Wedge DIAMETER: 380mm WEIGHT: 9.78kg CATCODE: PWO010 15PW110WGSP/AI Rim & Tyre only (No Axle/Bearings)
15PW55DOSP/AIRD CATCODE: PWO014 TYPE: SP WIDTH: 55mm SHAPE: Dome DIAMETER: 380mm WEIGHT: 8.34kg CATCODE: PWO013 15PW55DOSP/AI Rim & Tyre only (No Axle/Bearings)	15PW55FLSD/AIRD CATCODE: PWO017 TYPE: SD WIDTH: 55mm SHAPE: Flat DIAMETER: 350mm WEIGHT: 9.55kg CATCODE: PWO016 15PW55FLSD/AI Rim & Tyre only (No Axle/Bearings)	15PW55FLSP/AIRD CATCODE: PWO020 TYPE: SP WIDTH: 55mm SHAPE: Flat DIAMETER: 340mm WEIGHT: 7.45kg CATCODE: PWO019 15PW55FLSP/AI Rim & Tyre only (No Axle/Bearings)	15PW55WGSD/AIRD CATCODE: PWO023 TYPE: SD WIDTH: 55mm SHAPE: Wedge DIAMETER: 380mm WEIGHT: 8.85kg CATCODE: PWO022 15PW55WGSD/AI Rim & Tyre only (No Axle/Bearings)
15PW55WGSP/AIRD CATCODE: PWO026 TYPE: SP WIDTH: 55mm SHAPE: Wedge DIAMETER: 380mm WEIGHT: 7.84kg CATCODE: PWO025 15PW55WGSP/AI Rim & Tyre only (No Axle/Bearings)	15PW70VESD/AIRD CATCODE: PWO029 TYPE: SD WIDTH: 70mm SHAPE: Vee DIAMETER: 380mm WEIGHT: 10.1kg CATCODE: PWO028 15PW70VESD/AI Rim & Tyre only (No Axle/Bearings)	15PW75RDSP/AIRD CATCODE: PWO032 TYPE: SP WIDTH: 75mm SHAPE: Round DIAMETER: 355mm WEIGHT: 8.72kg CATCODE: PWO031 15PW75RDSP/AI Rim & Tyre only (No Axle/Bearings)	15PW80FLSP/AIRD CATCODE: PWO034 TYPE: SP WIDTH: 80mm SHAPE: Flat DIAMETER: 340mm WEIGHT: 8.45kg CATCODE: PWO033 15PW80FLSP/AI Rim & Tyre only (No Axle/Bearings)
15PW80WGSD/AIRD CATCODE: PWO038 TYPE: SD WIDTH: 80mm SHAPE: Wedge DIAMETER: 380mm WEIGHT: 9.65kg CATCODE: PWO037 15PW80WGSD/AI Rim & Tyre only (No Axle/Bearings)	15PW80WGSF/AIRD CATCODE: PWO041 TYPE: SF WIDTH: 80mm SHAPE: Wedge DIAMETER: 380mm WEIGHT: 7.40kg CATCODE: PWO040 15PW80WGSF/AI Rim & Tyre only (No Axle/Bearings)	15PW80WGSP/AIRD CATCODE: PWO043 TYPE: SP WIDTH: 80mm SHAPE: Wedge DIAMETER: 380mm WEIGHT: 8.70kg CATCODE: PWO042 15PW80WGSP/AI Rim & Tyre only (No Axle/Bearings)	15PW80WGSS/AIRD CATCODE: PWO048 TYPE: SS WIDTH: 80mm SHAPE: Wedge DIAMETER: 380mm WEIGHT: 9.60kg CATCODE: PWO047 15PW80WGSS/AI Rim & Tyre only (No Axle/Bearings)

14"-16" Integral Press Wheels

<p>16PW70VCSD/AIRD CATCODE: PWO067</p> <p>TYPE: SD WIDTH: 70mm SHAPE: Dome DIAMETER: 410mm WEIGHT: 9.60kg</p>  <p>CATCODE: PWO068 16PW70VCSD/AI Rim & Tyre only (No Axle/Bearings)</p>	<p>15PW90RDSD/AIRD CATCODE: PWO051</p> <p>TYPE: SD WIDTH: 90mm SHAPE: Round DIAMETER: 380mm WEIGHT: 10.80kg</p>  <p>CATCODE: PWO050 15PW90RDSD/AI Rim & Tyre only (No Axle/Bearings)</p>	<p>15PW100FLSF/AIRD CATCODE: PWO063</p> <p>TYPE: SF WIDTH: 100mm SHAPE: FLAT DIAMETER: 350mm WEIGHT: 9.40kg</p>  <p>CATCODE: PWO064 15PW100FLSF/AI Rim & Tyre only (No Axle/Bearings)</p>	<p>16PW70VCSP/AIRD CATCODE: PWO054</p> <p>TYPE: SP WIDTH: 70mm SHAPE: Vee/Dome DIAMETER: 410mm WEIGHT: 9kg</p>  <p>CATCODE: PWO053 15PW70VCSP/AI Rim & Tyre only (No Axle/Bearings)</p>
<p>16PW100RCSF/AIRD CATCODE: PWO069</p> <p>TYPE: SF WIDTH: 100mm SHAPE: ROUND DIAMETER: 405mm WEIGHT: 6.60kg</p>  <p>CATCODE: PWO070 16PW100RCSF/AI Rim & Tyre only (No Axle/Bearings)</p>	<p>16PW80WCSP/AIRD CATCODE: PWO060</p> <p>TYPE: SP WIDTH: 80mm SHAPE: Wedge DIAMETER: 410mm WEIGHT: 9.60kg</p>  <p>CATCODE: PWO059 16PW80WCSP/AI Rim & Tyre only (No Axle/Bearings)</p>	<p>16PW80WCSD/AIRD CATCODE: PWO057</p> <p>TYPE: SD WIDTH: 80mm SHAPE: Wedge DIAMETER: 410mm WEIGHT: 10.26kg</p>  <p>CATCODE: PWO056 15PW80WCSD/AI Rim & Tyre only (No Axle/Bearings)</p>	<p>16PW100RCSP/AIRD CATCODE: PWO065</p> <p>TYPE: SP WIDTH: 100mm SHAPE: ROUND DIAMETER: 405mm WEIGHT: 10.20kg</p>  <p>CATCODE: PWO066 16PW100RCSP/AI Rim & Tyre only (No Axle/Bearings)</p>
<p>16PW100RCSS/AIRD CATCODE: PWO071</p> <p>TYPE: SS WIDTH: 100mm SHAPE: ROUND DIAMETER: 405mm WEIGHT: 12.30kg</p>  <p>CATCODE: PWO072 16PW100RCSS/AI Rim & Tyre only (No Axle/Bearings)</p>	<p>NOTE: 16" Tyres also fit on 15" rims (actual rim diameter = 290mm)</p>		

14" - 15"



Code starts with "15PW"
Rim Diameter 290mm (11.4")
Tyre Diameter 350mm - 380mm

16"




Code starts with "16PW"
Rim Diameter 290mm (11.4")
Tyre Diameter 400mm - 410mm

18" - 19"



Code starts with "18PW"
Rim Diameter 390mm (15.3")
Tyre Diameter 450mm - 480mm

18"-19" Integral Press Wheels

18PW100FLSD/AIRD CATCODE: PWI002 TYPE: SD WIDTH: 100mm SHAPE: Flat DIAMETER: 450mm WEIGHT: 14.7kg 	18PW100FLSP/AIRD CATCODE: PWI005 TYPE: SP WIDTH: 100mm SHAPE: Flat DIAMETER: 450mm WEIGHT: 13.10kg 	18PW100FRSD/AIRD CATCODE: PWI008 TYPE: SD WIDTH: 100mm SHAPE: Flat Ribbed DIAMETER: 480mm WEIGHT: 14.96kg 	18PW100GASD/AIRD CATCODE: PWI011 TYPE: SD WIDTH: 100mm SHAPE: Gauge DIAMETER: 450mm WEIGHT: 15.30kg 
CATCODE: PWI001 18PW100FLSD/AI Rim & Tyre only (No Axle/Bearings)	CATCODE: PWI004 18PW100FLSP/AI Rim & Tyre only (No Axle/Bearings)	CATCODE: PWI007 18PW100FRSD/AI Rim & Tyre only (No Axle/Bearings)	CATCODE: PWI010 18PW100GASD/AI Rim & Tyre only (No Axle/Bearings)
18PW120FLSP/AIRD CATCODE: PWI015 TYPE: SP WIDTH: 120mm SHAPE: Flat DIAMETER: 450mm WEIGHT: 15.10kg 	18PW55FLSP/AIRD CATCODE: PWI018 TYPE: SP WIDTH: 55mm SHAPE: Flat DIAMETER: 440mm WEIGHT: 10.60kg 	18PW55FLSS/AIRD CATCODE: PWI021 TYPE: SS WIDTH: 55mm SHAPE: Flat DIAMETER: 440mm WEIGHT: 10.90kg 	18PW55WGSP/AIRD CATCODE: PWI023 TYPE: SP WIDTH: 55mm SHAPE: Wedge DIAMETER: 480mm WEIGHT: 11.18kg 
CATCODE: PWI014 18PW120FLSP/AI Rim & Tyre only (No Axle/Bearings)	CATCODE: PWI017 18PW55FLSP/AI Rim & Tyre only (No Axle/Bearings)	CATCODE: PWI020 18PW55FLSS/AI Rim & Tyre only (No Axle/Bearings)	CATCODE: PWI022 18PW55WGSP/AI Rim & Tyre only (No Axle/Bearings)
18PW55WGSS/AIRD CATCODE: PWI027 TYPE: SS WIDTH: 55mm SHAPE: Wedge DIAMETER: 480mm WEIGHT: 12kg 	18PW80WGSD/AIRD CATCODE: PWI029 TYPE: SD WIDTH: 80mm SHAPE: Wedge DIAMETER: 480mm WEIGHT: 13.70kg 	18PW80WGSP/AIRD CATCODE: PWI043 TYPE: SP WIDTH: 80mm SHAPE: Wedge DIAMETER: 480mm WEIGHT: 11.74kg 	18PW80WGSS/AIRD CATCODE: PWI035 TYPE: SS WIDTH: 80mm SHAPE: Wedge DIAMETER: 480mm WEIGHT: 13kg 
CATCODE: PWI026 18PW55WGSS/AI Rim & Tyre only (No Axle/Bearings)	CATCODE: PWI028 18PW80WGSD/AI Rim & Tyre only (No Axle/Bearings)	CATCODE: PWI031 18PW80WGSP/AI Rim & Tyre only (No Axle/Bearings)	CATCODE: PWI034 18PW80WGSS/AI Rim & Tyre only (No Axle/Bearings)

18"-19"

Master Guide:

All /AIRD Wheels come standard with the following:

- 15.3" Alloy two piece split rim (actual rim diameter = 390mm)
- 18" Tyre fitted (varies with code - 18" is nominal diameter, actual diameter varies with profile)
- 9" Integral, 40mm Round Axle and Nut Pin Washer
- Type A LM Bearing Set, Heavy Duty Seal, Dust Cap and Clips
- SD = Solid, SP = Semi-Pneumatic, SS = Semi-Solid, SF = Hi-Flex
- OPTIONS: Options available, 6", 7", 8", 10", rounded axles, 9" square axles, Double Ended Axles



Rim Diameter 390mm (15.3")
Tyre Diameter 450mm-480mm

18"-19" Integral Press Wheels

18PW55WGSD/AIRD CATCODE: PWI037 TYPE: SD WIDTH: 55mm SHAPE: Wedge DIAMETER: 480mm WEIGHT: 12.30kg 	18PW55FLSD/AIRD CATCODE: PWI038 TYPE: SD WIDTH: 55mm SHAPE: Flat DIAMETER: 440mm WEIGHT: 11.40kg 	18PW100FLSF/AIRD CATCODE: PWI040 TYPE: SF WIDTH: 100mm SHAPE: Flat DIAMETER: 450mm WEIGHT: 13kg 	18PW120FLSD/AIRD CATCODE: PWI044 TYPE: SD WIDTH: 120mm SHAPE: Flat DIAMETER: 450mm WEIGHT: 15.80kg 
CATCODE: PWI038 18PW55WGSD/AI Rim & Tyre only (No Axle/Bearings)	CATCODE: PWI039 18PW55FLSD/AI Rim & Tyre only (No Axle/Bearings)	CATCODE: PWI041 18PW100FLSF/AI Rim & Tyre only (No Axle/Bearings)	CATCODE: PWI045 18PW120FLSD/AI Rim & Tyre only (No Axle/Bearings)
18PW110WGSD/AIRD CATCODE: PWI046 TYPE: SD WIDTH: 110mm SHAPE: Wedge DIAMETER: 480mm WEIGHT: 15kg 	18PW110WGSS/AIRD CATCODE: PWI048 TYPE: SS WIDTH: 110mm SHAPE: Wedge DIAMETER: 480mm WEIGHT: 15kg 	18PW80WGSF/AIRD CATCODE: PWI050 TYPE: SF WIDTH: 80mm SHAPE: Wedge DIAMETER: 480mm WEIGHT: 11.60kg 	18PW110WGSP/AIRD CATCODE: PWI052 TYPE: SP WIDTH: 110mm SHAPE: Wedge DIAMETER: 480mm WEIGHT: 13.20kg 
CATCODE: PWI047 18PW110WGSD/AI Rim & Tyre only (No Axle/Bearings)	CATCODE: PWI049 18PW110WGSS/AI Rim & Tyre only (No Axle/Bearings)	CATCODE: PWI051 18PW80WGSF/AI Rim & Tyre only (No Axle/Bearings)	CATCODE: PWI053 18PW110WGSP/AI Rim & Tyre only (No Axle/Bearings)

Master Guide: All /AIRD Wheels come standard with the following:

- 15.3" Alloy two piece split rim (actual rim diameter = 390mm)(18PWALIHCENTRE)
 - 18" Tyre fitted (varies with code - 18" is nominal diameter, actual diameter varies with profile)
 - 9" Integral, 40mm Round Axle and Nut Pin Washer
 - Type A LM Bearing Set, Heavy Duty Seal, Dust Cap and Clips
- SD = Solid, SP = Semi-Pneumatic, SS = Semi-Solid, SF = Hi-Flex
 OPTIONS: Options available, 6", 7", 8", 10", rounded axles, 9" square axles, Double Ended Axles



Diameter is overall diameter with tyre fitted.

Wheel identification tips

1. the overall diameter of tyre as the size not the rim diameter
18PW_____/__
2. the widest part of tyre as the measurement. ie 55mm, 80mm, 100mm
18PW80_____/__
3. the shape of tyre. ie flat, wedge, round
18PW80WG_____/__
4. ID the compstion. ie solid, semi-solid, semi-pneumatic, hi-flex
18PW80WGSP/____
5. ID the centre type. ie Integral hub, AgriHub, Nylon Bush
18PW80WGSP/AI
















14"-15"HT/Ford Multi Stud Pattern Press Wheels






















Master Guide: All Wheels come standard with the following:
(HT refers to standard 5 stud 'HT' pattern and matching hub)
(Ford refers to stand 5 stud Ford pattern)

- 11.4" Alloy two piece split rim (actual rim diameter = 290mm)
- 15" Tyre fitted (varies with code)
- 9" HT 40mm Round Axle and Nut Pin Washer
- Greasable HT Hub Type A LM Bearing Set, Heavy Duty Seal, Dust Cap and Clips




















HUB OPTIONS: Narrow HT Hub option. Ford Hub option, also available with Zero Maintenance Agri Hub
AXLE OPTIONS: Options available, 6", 7", 8", 10", rounded axles, 9" square axles, Double Ended Axles

<p>15PW100FLSD/AHTRD CATCODE: PWP003</p> <p>TYPE: SD WIDTH: 100mm SHAPE: Flat DIAMETER: 350mm WEIGHT: 11.50kg</p> <p>CATCODE: PWP002</p> <p>15PW100FLSD/AHT Rim & Tyre only (No Hub etc)</p> 	<p>15PW100FLSP/AHTRD CATCODE: PWP010</p> <p>TYPE: SP WIDTH: 100mm SHAPE: Flat DIAMETER: 350mm WEIGHT: 10.45kg</p> <p>CATCODE: PWP009</p> <p>15PW100FLSP/AHT Rim & Tyre only (No Hub etc)</p> 	<p>15PW110WGSD/AHTRD CATCODE: PWP014</p> <p>TYPE: SD WIDTH: 110mm SHAPE: Wedge DIAMETER: 380mm WEIGHT: 12kg</p> <p>CATCODE: PWP013</p> <p>15PW110WGSD/AHT Rim & Tyre only (No Hub etc)</p> 	<p>15PW110WGSP/AHTRD CATCODE: PWP021</p> <p>TYPE: SP WIDTH: 110mm SHAPE: Wedge DIAMETER: 380mm WEIGHT: 10.80kg</p> <p>CATCODE: PWP020</p> <p>15PW110WGSP/AHT Rim & Tyre only (No Hub etc)</p> 
<p>15PW55DOSPAHTRD CATCODE: PWP031</p> <p>TYPE: SP WIDTH: 55mm SHAPE: Dome DIAMETER: 380mm WEIGHT: 9.50kg</p> <p>CATCODE: PWP030</p> <p>15PW55DOSPAHT Rim & Tyre only (No Hub etc)</p> 	<p>15PW55FLSD/AHTRD CATCODE: PWP038</p> <p>TYPE: SD WIDTH: 55mm SHAPE: Flat DIAMETER: 350mm WEIGHT: 10.70kg</p> <p>CATCODE: PWP037</p> <p>15PW55FLSD/AHT Rim & Tyre only (No Hub etc)</p> 	<p>15PW55FLSPAHTRD CATCODE: PWP045</p> <p>TYPE: SP WIDTH: 55mm SHAPE: Flat DIAMETER: 340mm WEIGHT: 8.60kg</p> <p>CATCODE: PWP044</p> <p>15PW55FLSPAHT Rim & Tyre only (No Hub etc)</p> 	<p>15PW55WGSD/AHTRD CATCODE: PWP052</p> <p>TYPE: SD WIDTH: 55mm SHAPE: Wedge DIAMETER: 380mm WEIGHT: 10kg</p> <p>CATCODE: PWP051</p> <p>15PW55WGSD/AHT Rim & Tyre only (No Hub etc)</p> 
<p>15PW55WGSPAHTRD CATCODE: PWP058</p> <p>TYPE: SP WIDTH: 55mm SHAPE: Wedge DIAMETER: 380mm WEIGHT: 9kg</p> <p>CATCODE: PWP057</p> <p>15PW55WGSPAHT Rim & Tyre only (No Hub etc)</p> 	<p>15PW70VESDAHTRD CATCODE: PWP065</p> <p>TYPE: SD WIDTH: 70mm SHAPE: Vee DIAMETER: 380mm WEIGHT: 11.16kg</p> <p>CATCODE: PWP064</p> <p>15PW70VESDAHT Rim & Tyre only (No Hub etc)</p> 	<p>15PW75RDSPAHTRD CATCODE: PWP131</p> <p>TYPE: SP WIDTH: 75mm SHAPE: Round DIAMETER: 355mm WEIGHT: 9.80kg</p> <p>CATCODE: PWP132</p> <p>15PW75RDSPAHT Rim & Tyre only (No Hub etc)</p> 	<p>15PW80FLSPAHTRD CATCODE: PWP133</p> <p>TYPE: SP WIDTH: 80mm SHAPE: Flat DIAMETER: 340mm WEIGHT: 9.60kg</p> <p>CATCODE: PWP134</p> <p>15PW80FLSPAHT Rim & Tyre only (No Hub etc)</p> 
<p>15PW100FLSFAHTRD CATCODE: PWP141</p> <p>TYPE: SF WIDTH: 100mm SHAPE: FLAT DIAMETER: 350mm WEIGHT: 10.60kg</p> <p>CATCODE: PWP142</p> <p>15PW100FLSFAHT Rim & Tyre only (No Hub etc)</p> 	<p>15PW80WGSFAHTRD CATCODE: PWP135</p> <p>TYPE: SF WIDTH: 80mm SHAPE: Wedge DIAMETER: 380mm WEIGHT: 9.3kg</p> <p>CATCODE: PWP136</p> <p>15PW80WGSFAHT Rim & Tyre only (No Hub etc)</p> 	<p>15PW80WGSPAHTRD CATCODE: PWP086</p> <p>TYPE: SP WIDTH: 80mm SHAPE: Wedge DIAMETER: 380mm WEIGHT: 9.90kg</p> <p>CATCODE: PWP085</p> <p>15PW80WGSPAHT Rim & Tyre only (No Hub etc)</p> 	

15"-16" HT/Ford Multi Stud Pattern Press Wheels

<p>15PW80WGSS/AHTRD CATCODE: PWP137</p> <p>TYPE: SS WIDTH: 80mm SHAPE: Wedge DIAMETER: 380mm WEIGHT: 10.80kg</p>  <p>CATCODE: PWP138 15PW80WGSS/AHT Rim & Tyre only (No Hub etc)</p>	<p>15PW90RDS/AHTRD CATCODE: PWP094</p> <p>TYPE: SD WIDTH: 90mm SHAPE: Round DIAMETER: 380mm WEIGHT: 12kg</p>  <p>CATCODE: PWP093 15PW90RDS/AHT Rim & Tyre only (No Hub etc)</p>	<p>16PW70VCSP/AHTRD CATCODE: PWP112</p> <p>TYPE: SP WIDTH: 70mm SHAPE: Vee/Dome DIAMETER: 410mm WEIGHT: 10.20kg</p>  <p>CATCODE: PWP111 16PW70VCSP/AHT Rim & Tyre only (No Hub etc)</p>	<p>16PW80WCSD/AHTRD CATCODE: PWP119</p> <p>TYPE: SD WIDTH: 80mm SHAPE: Wedge DIAMETER: 410mm WEIGHT: 11.40kg</p>  <p>CATCODE: PWP118 16PW80WCSD/AHT Rim & Tyre only (No Hub etc)</p>
<p>16PW80WCSP/AHTRD CATCODE: PWP126</p> <p>TYPE: SP WIDTH: 80mm SHAPE: Wedge DIAMETER: 410mm WEIGHT: 10.70kg</p>  <p>CATCODE: PWP125 16PW80WCSP/AHT Rim & Tyre only (No Hub etc)</p>	<p>16PW70VCSD/AHTRD CATCODE: PWP104</p> <p>TYPE: SD WIDTH: 70mm SHAPE: Dome DIAMETER: 410mm WEIGHT: 10.70kg</p>  <p>CATCODE: PWP103 16PW70VCSD/AHT Rim & Tyre only (No Hub etc)</p>	<p>16PW100RCSP/AHTRD CATCODE: PWP139</p> <p>TYPE: SP WIDTH: 100mm SHAPE: ROUND DIAMETER: 410mm WEIGHT: 11.40kg</p>  <p>CATCODE: PWP140 16PW100RCSP/AHT Rim & Tyre only (No Hub etc)</p>	<p>15PW80WGSD/AHTRD CATCODE: PWP079</p> <p>TYPE: SD WIDTH: 80mm SHAPE: Wedge DIAMETER: 380mm WEIGHT: 10.80kg</p>  <p>CATCODE: PWP078 15PW80WGSD/AHT Rim & Tyre only (No Hub etc)</p>
<p>16PW100RCSS/AHTRD CATCODE: PWP132</p> <p>TYPE: SS WIDTH: 100mm SHAPE: Round DIAMETER: 405mm WEIGHT: 13.50kg</p>  <p>CATCODE: PWP133 16PW100RCSS/AHT Rim & Tyre only (No Hub etc)</p>	<p>16PW100RCSF/AHTRD CATCODE: PWP134</p> <p>TYPE: SF WIDTH: 100mm SHAPE: Round DIAMETER: 405mm WEIGHT: 10.80kg</p>  <p>CATCODE: PWP135 16PW100RCSF/AHT Rim & Tyre only (No Hub etc)</p>	<p>15PW150WGSS/AHTRD CATCODE: PWP180</p> <p>TYPE: SS WIDTH: 150mm SHAPE: Winged Wedge DIAMETER: 390mm WEIGHT:</p>  <p>CATCODE: PWP182 16PW150WGSS/AHT Rim & Tyre only (No Hub etc)</p>	<p>15PW150FWSS/AHTRD CATCODE: PWP181</p> <p>TYPE: SS WIDTH: 150mm SHAPE: Winged Wedge DIAMETER: 390mm WEIGHT:</p>  <p>CATCODE: PWP183 16PW150FWSS/AHT Rim & Tyre only (No Hub etc)</p>
<p>16PW130WGSP/AHTRD CATCODE: PWP 182</p> <p>TYPE: SP WIDTH: 130mm SHAPE: Wedge DIAMETER: 400mm WEIGHT:</p>  <p>CATCODE: PWP 183 16PW130WGP/AHT Rim & Tyre only</p>	<p>15PW140PRSP/AHTRD CATCODE: PWP 184</p> <p>TYPE: SP WIDTH: 140mm SHAPE: Paired Row DIAMETER: 380mm WEIGHT:</p>  <p>CATCODE: PWP 185 16PW140PRSP/AHT Rim & Tyre only</p>	<p>15PW140PRSS/AHTRD CATCODE: PWP186</p> <p>TYPE: SS WIDTH: 140mm SHAPE: Paired Row DIAMETER: 380mm WEIGHT:</p>  <p>CATCODE: PWP187 16PW140PRSS/AHT Rim & Tyre only</p>	<p>PW131680WGSP/AHTRD CATCODE: PWP188 Note: 1 HIGH SIDE WALL TYPE: SP WIDTH: 80mm SHAPE: Wedge DIAMETER: 480mm WEIGHT:</p>  <p>CATCODE: PWP189 PW131680WGSP/AHT Rim & Tyre only Note: uses 13PWALHTCENTRE</p>
<p>PW131680WGSS/AHTRD CATCODE: PWP190 Note: 1 HIGH SIDE WALL TYPE: SS WIDTH: 80mm SHAPE: Wedge DIAMETER: 480mm WEIGHT:</p>  <p>CATCODE: PWP191 PW131680WGSS/AHT Rim & Tyre only Note: uses 13PWALHTCENTRE</p>	<p>PW131680FLSP/AHTRD CATCODE: PWP192 Note: 1 HIGH SIDE WALL TYPE: SP WIDTH: 80mm SHAPE: Flat DIAMETER: 405mm WEIGHT:</p>  <p>CATCODE: PWP193 PW131680FLSP/AHT Rim & Tyre only Note: uses 13PWALHTCENTRE</p>	<p>PW131680FLSS/AHTRD CATCODE: PWP194 Note: 1 HIGH SIDE WALL TYPE: SS WIDTH: 80mm SHAPE: Flat DIAMETER: 405mm WEIGHT:</p>  <p>CATCODE: PWP195 PW131680FLSS/AHT Rim & Tyre only Note: uses 13PWALHTCENTRE</p>	<p>Note 1: These 4 wheels are fitted with a new high sidewall tyre variant and a smaller rim diameter</p>

18"-19" HT/Ford Multi Pattern Press Wheels

18PW55WGSS/AHTRD CATCODE: PWJ030 TYPE: SS WIDTH: 55mm SHAPE: Wedge DIAMETER: 480mm WEIGHT: 13.10kg 	18PW80WGSD/AHTRD CATCODE: PWJ023 TYPE: SD WIDTH: 80mm SHAPE: Wedge DIAMETER: 480mm WEIGHT: 14.80kg 	18PW80WGSP/AHTRD CATCODE: PWJ026 TYPE: SP WIDTH: 80mm SHAPE: Wedge DIAMETER: 480mm WEIGHT: 13.50kg 	18PW80WGSS/AHTRD CATCODE: PWJ032 TYPE: SS WIDTH: 80mm SHAPE: Wedge DIAMETER: 480mm WEIGHT: 14.10kg 
CATCODE: PWJ031 18PW55WGSS/AHT Rim & Tyre only	CATCODE: PWJ022 18PW80WGSD/AHT Rim & Tyre only	CATCODE: PWJ025 18PW80WGSP/AHT Rim & Tyre only	CATCODE: PWJ033 18PW80WGSS/AHT Rim & Tyre only
18PW55WGSD/AHTRD CATCODE: PWJ034 TYPE: SD WIDTH: 55mm SHAPE: Wedge DIAMETER: 480mm WEIGHT: 13.40kg 	18PW100FLSD/AHTRD CATCODE: PWJ002 TYPE: SD WIDTH: 100mm SHAPE: Flat DIAMETER: 450mm WEIGHT: 16.30kg 	18PW100FLSP/AHTRD CATCODE: PWJ005 TYPE: SP WIDTH: 100mm SHAPE: Flat DIAMETER: 450mm WEIGHT: 14.20kg 	18PW100FRSD/AHTRD CATCODE: PWJ008 TYPE: SD WIDTH: 100mm SHAPE: Flat Ribbed DIAMETER: 480mm WEIGHT: 16.60kg 
CATCODE: PWJ035 18PW55WGSD/AHT Rim & Tyre only	CATCODE: PWJ001 18PW100WFLSD/AHT Rim & Tyre only	CATCODE: PWJ004 18PW100FLSP/AHT Rim & Tyre only	CATCODE: PWJ007 18PW100FRSD/AHT Rim & Tyre only
18PW100GASD/AHTRD CATCODE: PWJ011 TYPE: SD WIDTH: 100mm SHAPE: Gauge DIAMETER: 450mm WEIGHT: 16.32kg 	18PW120FLSP/AHTRD CATCODE: PWJ014 TYPE: SP WIDTH: 120mm SHAPE: Flat DIAMETER: 450mm WEIGHT: 16.20kg 	18PW55FLSP/AHTRD CATCODE: PWJ017 TYPE: SP WIDTH: 55mm SHAPE: Flat DIAMETER: 440mm WEIGHT: 11.76kg 	18PW55FLSS/AHTRD CATCODE: PWJ028 TYPE: SS WIDTH: 55mm SHAPE: Flat DIAMETER: 440mm WEIGHT: 12.00kg 
CATCODE: PWJ010 18PW100GASD/AHT Rim & Tyre only	CATCODE: PWJ013 18PW120FLSP/AHT Rim & Tyre only	CATCODE: PWJ016 18PW55FLSP/AHT Rim & Tyre only	CATCODE: PWJ029 18PW55FLSS/AHT Rim & Tyre only
18PW55WGSP/AHTRD CATCODE: PWJ020 TYPE: SP WIDTH: 55mm SHAPE: Wedge DIAMETER: 480mm WEIGHT: 12.30kg 	18PW55FLSD/AHTRD CATCODE: PWJ036 TYPE: SD WIDTH: 55mm SHAPE: FLAT DIAMETER: 440mm WEIGHT: 12.50kg 	18PW100FLSF/AHTRD CATCODE: PWJ038 TYPE: SF WIDTH: 100mm SHAPE: FLAT DIAMETER: 450mm WEIGHT: 14.20kg 	18PW110WGSS/AHTRD CATCODE: PWJ040 TYPE: SS WIDTH: 110mm SHAPE: WEDGE DIAMETER: 480mm WEIGHT: 16.20kg 
CATCODE: PWJ019 18PW55WGSP/AHT Rim & Tyre only	CATCODE: PWJ037 18PW55FLSD/AHT Rim & Tyre only	CATCODE: PWJ039 18PW100FLSF/AHT Rim & Tyre only	CATCODE: PWJ041 18PW110WGSS/AHT Rim & Tyre only
18PW110WGSP/AHTRD CATCODE: PWJ042 TYPE: SP WIDTH: 110mm SHAPE: Wedge DIAMETER: 480mm WEIGHT: 14.30kg 	18PW80WGSF/AHTRD CATCODE: PWJ044 TYPE: SF WIDTH: 80mm SHAPE: WEDGE DIAMETER: 480mm WEIGHT: 12.70kg 	18PW120FLSD/AHTRD CATCODE: PWJ046 TYPE: SD WIDTH: 120mm SHAPE: FLAT DIAMETER: 450mm WEIGHT: 16.90kg 	All 18" wheels come standard with <ul style="list-style-type: none"> • 15.3" 2 piece alloy split rim • 18" tyre (fitted) • HT Hub and 9" round stub • (Hub unassembled)
CATCODE: PWJ043 18PW110WGSP/AHT Rim & Tyre only	CATCODE: PWJ045 18PW80WGSF/AHT Rim & Tyre only	CATCODE: PWJ047 18PW120FLSD/AHT Rim & Tyre only	
















14"-15" Nylon Bush Press Wheels

Master Guide: All /ANB Wheels come standard with the following:

















- 11.4" Alloy two piece split rim (actual rim diameter = 290mm)
- 15" Tyre fitted (varies with code)
- 25mm Nylon Bush fitted
- SD = Solid, SP = Semi-Pneumatic, SS = Semi-Solid, SF = Hi-Flex

Caution: Normally due to increased wear, rates on gangs, soft tyres are only used in very sticky and soft conditions, no dry seeding.




<p>15PW100FLSD/ANB CATCODE: PWS001</p> <p>TYPE: SD WIDTH: 100mm SHAPE: Flat DIAMETER: 350mm WEIGHT: 8kg</p> <p>TYRE: 15PW100FLSD CENTRE: 15PWALNBCENTRE BUSH: PWBNG25NB</p> 	<p>15PW100FLSP/ANB CATCODE: PWS002</p> <p>TYPE: SP WIDTH: 100mm SHAPE: Flat DIAMETER: 350mm WEIGHT: 7kg</p> <p>TYRE: 15PW100FLSP CENTRE: 15PWALNBCENTRE BUSH: PWBNG25NB</p> 	<p>15PW110WGSD/ANB CATCODE: PWS003</p> <p>TYPE: SD WIDTH: 110mm SHAPE: Wedge DIAMETER: 380mm WEIGHT: 8.50kg</p> <p>TYRE: 15PW110WGSD CENTRE: 15PWALNBCENTRE BUSH: PWBNG25NB</p> 	<p>15PW110WGSP/ANB CATCODE: PWS004</p> <p>TYPE: SP WIDTH: 110mm SHAPE: Wedge DIAMETER: 380mm WEIGHT: 7.20kg</p> <p>TYRE: 15PW110WGSP CENTRE: 15PWALNBCENTRE BUSH: PWBNG25NB</p> 
<p>15PW55DOSP/ANB CATCODE: PWS005</p> <p>TYPE: SP WIDTH: 55mm SHAPE: Dome DIAMETER: 380mm WEIGHT: 6kg</p> <p>TYRE: 15PW55DOSP CENTRE: 15PWALNBCENTRE BUSH: PWBNG25NB</p> 	<p>15PW55FLSD/ANB CATCODE: PWS006</p> <p>TYPE: SD WIDTH: 55mm SHAPE: Flat DIAMETER: 350mm WEIGHT: 7.20kg</p> <p>TYRE: 15PW55FLSD CENTRE: 15PWALNBCENTRE BUSH: PWBNG25NB</p> 	<p>15PW55FLSP/ANB CATCODE: PWS007</p> <p>TYPE: SP WIDTH: 55mm SHAPE: Flat DIAMETER: 340mm WEIGHT: 5.08kg</p> <p>TYRE: 15PW55FLSP CENTRE: 15PWALNBCENTRE BUSH: PWBNG25NB</p> 	<p>15PW55WGSD/ANB CATCODE: PWS008</p> <p>TYPE: SD WIDTH: 55mm SHAPE: Wedge DIAMETER: 380mm WEIGHT: 6.50kg</p> <p>TYRE: 15PW55WGSD CENTRE: 15PWALNBCENTRE BUSH: PWBNG25NB</p> 
<p>15PW55WGSP/ANB CATCODE: PWS009</p> <p>TYPE: SP WIDTH: 55mm SHAPE: Wedge DIAMETER: 380mm WEIGHT: 5.50kg</p> <p>TYRE: 15PW55WGSP CENTRE: 15PWALNBCENTRE BUSH: PWBNG25NB</p> 	<p>15PW70VESD/ANB CATCODE: PWS010</p> <p>TYPE: SD WIDTH: 70mm SHAPE: Vee DIAMETER: 380mm WEIGHT: 7.70kg</p> <p>TYRE: 15PW70VESD CENTRE: 15PWALNBCENTRE BUSH: PWBNG25NB</p> 	<p>15PW75RDSP/ANB CATCODE: PWS020</p> <p>TYPE: SP WIDTH: 75mm SHAPE: Round DIAMETER: 355mm WEIGHT: 6.20kg</p> <p>TYRE: 15PW75RDSP CENTRE: 15PWALNBCENTRE BUSH: PWBNG25NB</p> 	<p>15PW80FLSP/ANB CATCODE: PWS021</p> <p>TYPE: SP WIDTH: 80mm SHAPE: Flat DIAMETER: 340mm WEIGHT: 6.10kg</p> <p>TYRE: 15PW80FLSP CENTRE: 15PWALNBCENTRE BUSH: PWBNG25NB</p> 
<p>15PW80WGSD/ANB CATCODE: PWS012</p> <p>TYPE: SD WIDTH: 80mm SHAPE: Wedge DIAMETER: 380mm WEIGHT: 7.24kg</p> <p>TYRE: 15PW80WGSD CENTRE: 15PWALNBCENTRE BUSH: PWBNG25NB</p> 	<p>15PW80WGSF/ANB CATCODE: PWS022</p> <p>TYPE: SF WIDTH: 80mm SHAPE: Wedge DIAMETER: 380mm WEIGHT: 5.80kg</p> <p>TYRE: 15PW80WGSF CENTRE: 15PWALNBCENTRE BUSH: PWBNG25NB</p> 	<p>15PW80WGSP/ANB CATCODE: PWS013</p> <p>TYPE: SP WIDTH: 80mm SHAPE: Wedge DIAMETER: 380mm WEIGHT: 6.40kg</p> <p>TYRE: 15PW80WGSP CENTRE: 15PWALNBCENTRE BUSH: PWBNG25NB</p> 	

15"-16" Nylon Bush Press Wheels

<p>15PW80WGSS/ANB CATCODE: PWS014</p> <p>TYPE: SS WIDTH: 80mm SHAPE: Wedge DIAMETER: 380mm WEIGHT: 7.20kg</p> <p>TYRE: 15PW80WGSS CENTRE: 15PWALNBCENTRE BUSH: PWBNG25NB</p> 	<p>15PW90RDS/ANB CATCODE: PWS015</p> <p>TYPE: SD WIDTH: 90mm SHAPE: Round DIAMETER: 380mm WEIGHT: 8.40kg</p> <p>TYRE: 15PW90RDS CENTRE: 15PWALNBCENTRE BUSH: PWBNG25NB</p> 	<p>16PW70VCSP/ANB CATCODE: PWS017</p> <p>TYPE: SP WIDTH: 70mm SHAPE: Vee/Dome DIAMETER: 410mm WEIGHT: 6.60kg</p> <p>TYRE: 16PW70VCSP CENTRE: 15PWALNBCENTRE BUSH: PWBNG25NB</p> 	<p>16PW80WCSD/ANB CATCODE: PWS018</p> <p>TYPE: SD WIDTH: 80mm SHAPE: Wedge DIAMETER: 410mm WEIGHT: 7.90kg</p> <p>TYRE: 16PW80WCSD CENTRE: 15PWALNBCENTRE BUSH: PWBNG25NB</p> 
<p>16PW80WCSP/ANB CATCODE: PWS019</p> <p>TYPE: SP WIDTH: 80mm SHAPE: Wedge DIAMETER: 410mm WEIGHT: 7.26kg</p> <p>TYRE: 16PW80WCSP CENTRE: 15PWALNBCENTRE BUSH: PWBNG25NB</p> 	<p>16PW70VCSD/ANB CATCODE: PWS016</p> <p>TYPE: SD WIDTH: 70mm SHAPE: Dome DIAMETER: 410mm WEIGHT: 7.20kg</p> <p>TYRE: 16PW70VCSD CENTRE: 15PWALNBCENTRE BUSH: PWBNG25NB</p> 	<p>15PW100FLSF/ANB CATCODE: PWS023</p> <p>TYPE: SF WIDTH: 100mm SHAPE: FLAT DIAMETER: 350mm WEIGHT: 7kg</p> <p>TYRE: 15PW100FLSF CENTRE: 15PWALNBCENTRE BUSH: PWBNG25NB</p> 	<p>16PW100RCSP/ANB CATCODE: PWS024</p> <p>TYPE: SP WIDTH: 100mm SHAPE: ROUND DIAMETER: 410mm WEIGHT: 7.80kg</p> <p>TYRE: 16PW100RCSP CENTRE: 15PWALNBCENTRE BUSH: PWBNG25NB</p> 
<p>16PW100RCSF/ANB CATCODE: PWS025</p> <p>TYPE: SF WIDTH: 100mm SHAPE: ROUND DIAMETER: 410mm WEIGHT: 7.20kg</p> <p>TYRE: 16PW100RCSF CENTRE: 15PWALNBCENTRE BUSH: PWBNG25NB</p> 	<p>16PW100RCSS/ANB CATCODE: PWS026</p> <p>TYPE: SS WIDTH: 100mm SHAPE: Round DIAMETER: 410mm WEIGHT: 9.90kg</p> <p>TYRE: 16PW100RCSS CENTRE: 15PWALNBCENTRE BUSH: PWBNG25NB</p> 	<p>15PW150WGSS/ANB CATCODE: PWS027</p> <p>TYPE: SS WIDTH: 150mm SHAPE: Winged Wedge DIAMETER: 390mm WEIGHT:</p> <p>TYRE: 15PW150WGSS CENTRE: 15PWALNBCENTRE BUSH: PWBNG25NB</p> 	<p>15PW140PRSP/ANB CATCODE: PWS028</p> <p>TYPE: SP WIDTH: 140mm SHAPE: Paired Row DIAMETER: 380mm WEIGHT:</p> <p>TYRE: 16PW140PRSP CENTRE: 15PWALNBCENTRE BUSH: PWBNG25NB</p> 
<p>15PW150FWSS/ANB CATCODE: PWS029</p> <p>TYPE: SS WIDTH: 150mm SHAPE: Winged Wedge DIAMETER: 390mm WEIGHT:</p> <p>TYRE: 15PW150FWSS CENTRE: 15PWALNBCENTRE BUSH: PWBNG25NB</p> 	<p>16PW130WGSP/ANB CATCODE: PWS030</p> <p>TYPE: SP WIDTH: 130mm SHAPE: Wedge DIAMETER: 400mm WEIGHT:</p> <p>TYRE: 16PW130WGSP CENTRE: 15PWALNBCENTRE BUSH: PWBNG25NB</p> 	<p>15PW140PRSS/ANB CATCODE: PWS031</p> <p>TYPE: SS WIDTH: 140mm SHAPE: Paired Row DIAMETER: 380mm WEIGHT:</p> <p>TYRE: 15PW140PRSS CENTRE: 15PWALNBCENTRE BUSH: PWBNG25NB</p> 	<p>PWBNG25NB CATCODE: PBS030</p> 
<p>TYRE: 15PW150FWSS CENTRE: 15PWALNBCENTRE BUSH: PWBNG25NB</p> <p>TYRE: 16PW130WGSP CENTRE: 15PWALNBCENTRE BUSH: PWBNG25NB</p> <p>TYRE: 15PW140PRSS CENTRE: 15PWALNBCENTRE BUSH: PWBNG25NB</p>			<p>25mm Nylon Bush (to suit 15 Nylon Bush Press Wheel) Code is for 1 bush only.</p>

18"-19" Nylon Bush Press Wheels

<p>18PW100FLSD/ANB CATCODE: PWL001</p> <p>TYPE: SD WIDTH: 100mm SHAPE: Flat DIAMETER: 450mm WEIGHT: 12.72kg</p> 	<p>18PW100FLSP/ANB CATCODE: PWL003</p> <p>TYPE: SP WIDTH: 100mm SHAPE: Flat DIAMETER: 450mm WEIGHT: 10.40kg</p> 	<p>18PW100FRSD/ANB CATCODE: PWL004</p> <p>TYPE: SD WIDTH: 100mm SHAPE: Flat Ribbed DIAMETER: 480mm WEIGHT: 12.90kg</p> 	<p>18PW120FLSP/ANB CATCODE: PWL006</p> <p>TYPE: SP WIDTH: 120mm SHAPE: Flat DIAMETER: 450mm WEIGHT: 12.40kg</p> 
<p>TYRE: 18PW100FLSD CENTRE: 18PWALNBCENTRE BUSH: PWBNG/32NB</p>	<p>TYRE: 18PW100FLSP CENTRE: 18PWALNBCENTRE BUSH: PWBNG/32NB</p>	<p>TYRE: 18PW100FRSD CENTRE: 18PWALNBCENTRE BUSH: PWBNG/32NB</p>	<p>TYRE: 18PW120FLSP CENTRE: 18PWALNBCENTRE BUSH: PWBNG/32NB</p>
<p>18PW55FLSP/ANB CATCODE: PWL007 CAUTION</p> <p>TYPE: SP WIDTH: 55mm SHAPE: Flat DIAMETER: 440mm WEIGHT: 8kg</p> 	<p>18PW55FLSS/ANB CATCODE: PWL008</p> <p>TYPE: SS WIDTH: 55mm SHAPE: Flat DIAMETER: 440mm WEIGHT: 8.20kg</p> 	<p>18PW55WGSP/ANB CATCODE: PWL009 CAUTION</p> <p>TYPE: SP WIDTH: 55mm SHAPE: Wedge DIAMETER: 480mm WEIGHT: 8.60kg</p> 	<p>18PW55WGSS/ANB CATCODE: PWL013</p> <p>TYPE: SS WIDTH: 55mm SHAPE: Wedge DIAMETER: 480mm WEIGHT: 9.40kg</p> 
<p>TYRE: 18PW55FLSP CENTRE: 18PWALNBCENTRE BUSH: PWBNG/32NB</p>	<p>TYRE: 18PW55FLSS CENTRE: 18PWALNBCENTRE BUSH: PWBNG/32NB</p>	<p>TYRE: 18PW55WGSP CENTRE: 18PWALNBCENTRE BUSH: PWBNG/32NB</p>	<p>TYRE: 18PW55WGSS CENTRE: 18PWALNBCENTRE BUSH: PWBNG/32NB</p>
<p>18PW80WGSD/ANB CATCODE: PWL010</p> <p>TYPE: SD WIDTH: 80mm SHAPE: Wedge DIAMETER: 480mm WEIGHT: 11kg</p> 	<p>18PW80WGSP/ANB CATCODE: PWL011</p> <p>TYPE: SP WIDTH: 80mm SHAPE: Wedge DIAMETER: 480mm WEIGHT: 9.70kg</p> 	<p>18PW80WGSS/ANB CATCODE: PWL012</p> <p>TYPE: SS WIDTH: 80mm SHAPE: Wedge DIAMETER: 480mm WEIGHT: 10.35kg</p> 	<p>18PW55WGSD/ANB CATCODE: PWL014</p> <p>TYPE: SD WIDTH: 55mm SHAPE: Wedge DIAMETER: 480mm WEIGHT: 9.60kg</p> 
<p>TYRE: 18PW80WGSD CENTRE: 18PWALNBCENTRE BUSH: PWBNG/32NB</p>	<p>TYRE: 18PW80WGSP CENTRE: 18PWALNBCENTRE BUSH: PWBNG/32NB</p>	<p>TYRE: 18PW80WGSS CENTRE: 18PWALNBCENTRE BUSH: PWBNG/32NB</p>	<p>TYRE: 18PW55WGSD CENTRE: 18PWALNBCENTRE BUSH: PWBNG/32NB</p>
<p>18PW55FLSD/ANB CATCODE: PWL015</p> <p>TYPE: SD WIDTH: 55mm SHAPE: FLAT DIAMETER: 440mm WEIGHT: 8.80kg</p> 	<p>18PW110WGSS/ANB CATCODE: PWL016</p> <p>TYPE: SS WIDTH: 110mm SHAPE: WEDGE DIAMETER: 480mm WEIGHT: 12.40kg</p> 	<p>18PW110WGSP/ANB CATCODE: PWL017</p> <p>TYPE: SP WIDTH: 110mm SHAPE: WEDGE DIAMETER: 480mm WEIGHT: 10.50kg</p> 	<p>18PW120FLSD/ANB CATCODE: PWL018</p> <p>TYPE: SD WIDTH: 120mm SHAPE: FLAT DIAMETER: 450mm WEIGHT: 13.10kg</p> 
<p>TYRE: 18PW55FLSD CENTRE: 18PWALNBCENTRE BUSH: PWBNG/32NB</p>	<p>TYRE: 18PW110WGSS CENTRE: 18PWALNBCENTRE BUSH: PWBNG/32NB</p>	<p>TYRE: 18PW110WGSP CENTRE: 18PWALNBCENTRE BUSH: PWBNG/32NB</p>	<p>TYRE: 18PW120FLSD CENTRE: 18PWALNBCENTRE BUSH: PWBNG/32NB</p>

- 15.3" Alloy two piece split rim (actual rim diameter = 390mm)
- 18" Tyre fitted (varies with code)
- 32mm Nylon Bush Fitted

-SD = Solid, SS = Semi-Solid, SP = Semi-Pneumatic, SF = Hi-Flex

Caution: Normally due to increased wear, rates on gangs, soft tyres are only used in very sticky and soft conditions, no dry seeding.



ZERO MAINTENANCE

14" - 15" John Deere 1870 Press Wheels New Model

Replacement Press Wheels to suit the John Deere 1870.

Wheel supplied complete with all seal covers and bushing for direct fitment.

Can also be fitted to original Conservapak with minor modification.

See section 5 for Equalizer machines

-SD = Solid, SS = Semi-Solid, SP = Semi-Pneumatic, SF = Hi-Flex
















HT VARIANT



15PW100FLSD/JD-HT CATCODE: PWQ120-HT  TYPE: SD WIDTH: 100mm SHAPE: Flat DIAMETER: 350mm WEIGHT: 8.40kg TYRE: 15PW100FLSD CENTRE: 15PWALHTCENTRE BEARING: 5203-KMF-R-A230	15PW100FLSP/JD-HT CATCODE: PWQ121-HT  TYPE: SP WIDTH: 100mm SHAPE: Flat DIAMETER: 350mm WEIGHT: 7.5kg TYRE: 15PW100FLSP CENTRE: 15PWALHTCENTRE BEARING: 5203-KMF-R-A230	15PW110WGSD/JD-HT CATCODE: PWQ122-HT  TYPE: SD WIDTH: 110mm SHAPE: Wedge DIAMETER: 380mm WEIGHT: 8.85kg TYRE: 15PW110WGSD CENTRE: 15PWALHTCENTRE BEARING: 5203-KMF-R-A230	15PW110WGSP/JD-HT CATCODE: PWQ123-HT  TYPE: SP WIDTH: 110mm SHAPE: Wedge DIAMETER: 380mm WEIGHT: 7.6kg TYRE: 15PW110WGSP CENTRE: 15PWALHTCENTRE BEARING: 5203-KMF-R-A230
15PW55DOSP/JD-HT CATCODE: PWQ124-HT  TYPE: SP WIDTH: 55mm SHAPE: Dome DIAMETER: 380mm WEIGHT: 6.40kg TYRE: 15PW55DOSP CENTRE: 15PWALHTCENTRE BEARING: 5203-KMF-R-A230	15PW55FLSD/JD-HT CATCODE: PWQ125-HT  TYPE: SD WIDTH: 55mm SHAPE: Flat DIAMETER: 350mm WEIGHT: 7.60kg TYRE: 15PW55FLSD CENTRE: 15PWALHTCENTRE BEARING: 5203-KMF-R-A230	15PW55FLSP/JD-HT CATCODE: PWQ126-HT  TYPE: SP WIDTH: 55mm SHAPE: Flat DIAMETER: 340mm WEIGHT: 5.50kg TYRE: 15PW55FLSP CENTRE: 15PWALHTCENTRE BEARING: 5203-KMF-R-A230	15PW55WGSD/JD-HT CATCODE: PWQ127-HT  TYPE: SD WIDTH: 55mm SHAPE: Wedge DIAMETER: 380mm WEIGHT: 6.90kg TYRE: 15PW55WGSD CENTRE: 15PWALHTCENTRE BEARING: 5203-KMF-R-A230
15PW55WGSP/JD-HT CATCODE: PWQ128-HT  TYPE: SP WIDTH: 55mm SHAPE: Wedge DIAMETER: 380mm WEIGHT: 5.90kg TYRE: 15PW55WGSP CENTRE: 15PWALHTCENTRE BEARING: 5203-KMF-R-A230	15PW70VESD/JD-HT CATCODE: PWQ129-HT  TYPE: SD WIDTH: 70mm SHAPE: Vee DIAMETER: 380mm WEIGHT: 8.20kg TYRE: 15PW70VESD CENTRE: 15PWALHTCENTRE BEARING: 5203-KMF-R-A230	15PW75RDSP/JD-HT CATCODE: PWQ130-HT  TYPE: SP WIDTH: 75mm SHAPE: Round DIAMETER: 355mm WEIGHT: 6.70kg TYRE: 15PW75RDSP CENTRE: 15PWALHTCENTRE BEARING: 5203-KMF-R-A230	15PW80FLSP/JD-HT CATCODE: PWQ131-HT  TYPE: SP WIDTH: 80mm SHAPE: Flat DIAMETER: 340mm WEIGHT: 6.50kg TYRE: 15PW80FLSP CENTRE: 15PWALHTCENTRE BEARING: 5203-KMF-R-A230
15PW80WGSP/JD-HT CATCODE: PWQ135-HT  TYPE: SP WIDTH: 80mm SHAPE: Wedge DIAMETER: 380mm WEIGHT: 7.12kg TYRE: 15PW80WGSP CENTRE: 15PWALHTCENTRE BEARING: 5203-KMF-R-A230	15PW80WGSD/JD-HT CATCODE: PWQ133-HT  TYPE: SD WIDTH: 80mm SHAPE: Wedge DIAMETER: 380mm WEIGHT: 7.70kg TYRE: 15PW80WGSD CENTRE: 15PWALHTCENTRE BEARING: 5203-KMF-R-A230	15PW80WGSF/JD-HT CATCODE: PWQ134-HT  TYPE: SF WIDTH: 80mm SHAPE: Wedge DIAMETER: 380mm WEIGHT: 6.2kg TYRE: 15PW80WGSF CENTRE: 15PWALHTCENTRE BEARING: 5203-KMF-R-A230	These wheels also available to suit Equalizer machines (see section 5)

15"-16" John Deere 1870 Press Wheels New Model (See Section 5 for Equalizer machines)

ZERO MAINTENANCE

<p>15PW80WGSS/JD-HT CATCODE: PWQ136-HT</p> <p>TYPE: SS WIDTH: 80mm SHAPE: Wedge DIAMETER: 380mm WEIGHT: 7.70kg</p> <p>TYRE: 15PW80WGSS CENTRE: 15PWALHTCENTRE BEARING: 5203-KMF-R-A230</p> 	<p>15PW90RSDSD/JD-HT CATCODE: PWQ137-HT</p> <p>TYPE: SD WIDTH: 90mm SHAPE: Round DIAMETER: 380mm WEIGHT: 8.7kg</p> <p>TYRE: 15PW90RSDSD CENTRE: 15PWALHTCENTRE BEARING: 5203-KMF-R-A230</p> 	<p>16PW70VCSP/JD-HT CATCODE: PWQ138-HT</p> <p>TYPE: SP WIDTH: 70mm SHAPE: Vee/Dome DIAMETER: 410mm WEIGHT: 7.1kg</p> <p>TYRE: 16PW70VCSP CENTRE: 15PWALSHTCENTRE BEARING: 5203-KMF-R-A230</p> 	<p>16PW80WCSD/JD-HT CATCODE: PWQ139-HT</p> <p>TYPE: SD WIDTH: 80mm SHAPE: Wedge DIAMETER: 410mm WEIGHT: 8.3kg</p> <p>TYRE: 16PW80WCSD CENTRE: 15PWALHTCENTRE BEARING: 5203-KMF-R-A230</p> 
<p>16PW80WCSP/JD-HT CATCODE: PWQ140-HT</p> <p>TYPE: SP WIDTH: 80mm SHAPE: Wedge DIAMETER: 410mm WEIGHT: 7.60kg</p> <p>TYRE: 16PW80WCSP CENTRE: 15PWALHTCENTRE BEARING: 5203-KMF-R-A230</p> 	<p>16PW70VCSD/JD-HT CATCODE: PWQ141-HT</p> <p>TYPE: SD WIDTH: 70mm SHAPE: Dome DIAMETER: 410mm WEIGHT: 7.65kg</p> <p>TYRE: 16PW70VCSD CENTRE: 15PWALHTCENTRE BEARING: 5203-KMF-R-A230</p> 	<p>15PW100FLSF/JD-HT CATCODE: PWQ142-HT</p> <p>TYPE: SF WIDTH: 100mm SHAPE: FLAT DIAMETER: 350mm WEIGHT: 7.50kg</p> <p>TYRE: 15PW100FLSF CENTRE: 15PWALHTCENTRE BEARING: 5203-KMF-R-A230</p> 	<p>16PW100RCSP/JD-HT CATCODE: PWQ143-HT</p> <p>TYPE: SP WIDTH: 100mm SHAPE: ROUND DIAMETER: 405mm WEIGHT: 8.30kg</p> <p>TYRE: 16PW100RCSP CENTRE: 15PWALHTCENTRE BEARING: 5203-KMF-R-A230</p> 
<p>16PW100RCSS/JD-HT CATCODE: PWQ144-HT</p> <p>TYPE: SS WIDTH: 100mm SHAPE: ROUND DIAMETER: 405mm WEIGHT: 10.30kg</p> 	<p>16PW100RCSF/JD-HT CATCODE: PWQ145-HT</p> <p>TYPE: SF WIDTH: 100mm SHAPE: ROUND DIAMETER: 405mm WEIGHT: 7.70kg</p> 	<p>PW131680WGSP/JD-HT CATCODE: PWQ155-HT Note 1</p> <p>HIGHSIDE WALL TYPE: SP WIDTH: 80mm SHAPE: Wedge DIAMETER: 410mm WEIGHT:</p> 	<p>PW131680WGSS/JD-HT CATCODE: PWQ156-HT Note 1</p> <p>HIGHSIDE WALL TYPE: SS WIDTH: 80mm SHAPE: Wedge DIAMETER: 410mm WEIGHT:</p> 
<p>TYRE: 16PW100RCSS CENTRE: 15PWALHTCENTRE BEARING: 5203-KMF-R-A230</p> <p>PW131680FLSP/JD-HT CATCODE: PWQ157-HT Note 1</p> <p>TYPE: SP WIDTH: 80mm SHAPE: FLAT DIAMETER: 405mm WEIGHT:</p> 	<p>TYRE: 16PW100RCSF CENTRE: 15PWALHTCENTRE BEARING: 5203-KMF-R-A230</p> <p>PW131680FLSS/JD-HT CATCODE: PWQ158-HT Note 1</p> <p>TYPE: SS WIDTH: 80mm SHAPE: FLAT DIAMETER: 405mm WEIGHT:</p> 	<p>TYRE: PW131680WGSP CENTRE: 13PWALHTCENTRE BEARING: 5203-KMF-R-A230</p>	<p>TYRE: PW131680WGSS CENTRE: 13PWALHTCENTRE BEARING: 5203-KMF-R-A230</p>
<p>TYRE: PW131680FLSP CENTRE: 13PWALHTCENTRE BEARING: 5203-KMF-R-A230</p>	<p>TYRE: PW131680FLSS CENTRE: 13PWALHTCENTRE BEARING: 5203-KMF-R-A230</p>		

SD = SOLID SP = SEMI PNEUMATIC SS = SEMI - SOLID SF = HI - FLEX

16" Tyres fit the same rim as the 15" Tyres

To match original JD1870 dimensions exactly use 16" tyres












These can be fitted to original model CONSERVAPAKS, see pages 18 & 19 with minor modification

Note 1: These 4 wheels are fitted with a new high sidewall tyre variant and a smaller rim diameter

ALL HUBS FITTED WITH PEER "SEALED FOR LIFE" BEARING

16" High Side wall John Deere 1870 Press Wheels New Model

ZERO MAINTENANCE

<p>16PW120RDSP/JD-HT CATCODE: PWQ150</p> <p>TYPE: SP WIDTH: 120mm SHAPE: Round DIAMETER: 390mm</p> <p>TYRE: 16PW120RDSP CENTRE: 16PWALHTCENTRE BEARING: 5203-KMF-R-A230</p> 	<p>16PW120RDSF/JD-HT CATCODE: PWQ151</p> <p>TYPE: SF WIDTH: 120mm SHAPE: Round DIAMETER: 390mm</p> <p>TYRE: 16PW120RDSF CENTRE: 16PWALHTCENTRE BEARING: 5203-KMF-R-A230</p> 	<p>16PW120FLSP/JD-HT CATCODE: PWQ153</p> <p>TYPE: SP WIDTH: 120mm SHAPE: Flat DIAMETER: 410mm</p> <p>TYRE: 16PW120FLSP CENTRE: 16PWALHTCENTRE BEARING: 5203-KMF-R-A230</p> 	<p>16PW120PRSP/JD-HT CATCODE: PWQ155</p> <p>TYPE: SP WIDTH: 120MM SHAPE: Paired row DIAMETER: 430mm</p> <p>TYRE: 16PW120PRSP CENTRE: 16PWALHTCENTRE BEARING: 5203-KMF-R-A230</p> 
<p>16PW120WGSP/JD-HT CATCODE: PWQ157</p> <p>TYPE: SP WIDTH: 120mm SHAPE: Wedge DIAMETER: 410mm</p> <p>TYRE: 16PW120WGSP CENTRE: 16PWALHTCENTRE BEARING: 5203-KMF-R-A230</p> 	<p>16PW120WGSF/JD-HT CATCODE: PWQ158</p> <p>TYPE: SF WIDTH: 120mm SHAPE: Wedge DIAMETER: 410mm</p> <p>TYRE: 16PW120WGSF CENTRE: 16PWALHTCENTRE BEARING: 5203-KMF-R-A230</p> 	<p>16PW120RDSS/JD-HT CATCODE: PWQ152</p> <p>TYPE: SS WIDTH: 120mm SHAPE: Round DIAMETER: 390mm</p> <p>TYRE: 16PW120RDSS CENTRE: 16PWALHTCENTRE BEARING: 5203-KMF-R-A230</p> 	<p>16PW120FLSS/JD-HT CATCODE: PWQ154</p> <p>TYPE: SS WIDTH: 120mm SHAPE: Flat DIAMETER: 410mm</p> <p>TYRE: 16PW120FLSS CENTRE: 16PWALHTCENTRE BEARING: 5203-KMF-R-A230</p> 
<p>16PW120PRSS/JD-HT CATCODE: PWQ156</p> <p>TYPE: SS WIDTH: 120mm SHAPE: Paired row DIAMETER: 430mm</p> <p>TYRE: 16PW120PRSS CENTRE: 16PWALHTCENTRE BEARING: 5203-KMF-R-A230</p> 	<p>16PW120WGSS/JD-HT CATCODE: PWQ159</p> <p>TYPE: SS WIDTH: 120mm SHAPE: Wedge DIAMETER: 410mm</p> <p>TYRE: 16PW120WGSS CENTRE: 16PWALHTCENTRE BEARING: 5203-KMF-R-A230</p> 	<p>16PW120VESS/JD-HT CATCODE: PWQ160</p> <p>TYPE: SS WIDTH: 120mm SHAPE: Vee DIAMETER: 420mm</p> <p>TYRE: 16PW120VESS CENTRE: 16PWALHTCENTRE BEARING: 5203-KMF-R-A230</p> 	










ALL HUBS FITTED WITH PEER "SEALED FOR LIFE" BEARING



Note: When using this tyre on JD1870 an additional washer is required either side to increase the yoke/fork width.

11"-13" Sealed Ag Bearing Press Wheels

- 2 Piece Split Alloy Rim
- Extreme Ag 5/8"/16mm Bearing
- Side Cheeks

<p>13PW75FWSP/ASBC CATCODE: PWM160</p> <p>TYPE: SP WIDTH: 75mm SHAPE: FLAT WEDGE DIAMETER: 332mm</p> 	<p>13PW145FWSP-100/ASBC CATCODE: PWM101</p> <p>TYPE: SP WIDTH: 45mm SHAPE: WINGED WEDGE DIAMETER: 320mm</p> 	<p>12PW135RDSP/ASBC CATCODE: PWM102</p> <p>TYPE: SP WIDTH: 135mm SHAPE: ROUND DIAMETER: 310mm</p> 
<p>TYRE: 13PW75FWSP CENTRE: 11PWALCENTRE BEARING: 5203KMF</p>	<p>TYRE: 13PW145FWSP-100 CENTRE: 11PWALCENTRE BEARING: 5203KMF</p>	<p>TYRE: 12PW135RDSP CENTRE: 11PWALCENTRE BEARING: 5203KMF</p>
<p>11PW50FLSF/ASBC CATCODE: PWM103</p> <p>TYPE: SF WIDTH: 50mm SHAPE: WEDGE DIAMETER: 280mm</p> 	<p>11PW115RDSS/ASBC CATCODE: PWM105</p> <p>TYPE: SS WIDTH: 115mm SHAPE: ROUND DIAMETER: 285mm</p> 	<p>13PW145FWSF-100/ASBC CATCODE: PWM104</p> <p>TYPE: SF WIDTH: 145mm SHAPE: WINGED WEDGE DIAMETER: 320mm</p> 
<p>TYRE: 11PW50FLSF CENTRE: 11PWALCENTRE BEARING: 5203KMF</p>	<p>TYRE: 11PW115RDSS CENTRE: 11PWALCENTRE BEARING: 5203KMF</p>	<p>TYRE: 13PW145FWSF-100 CENTRE: 11PWALCENTRE BEARING: 5203KMF</p>
<p>13PW90WGSS/ASBC CATCODE: PWM161</p> <p>TYPE: SS WIDTH: 90mm FLAT TIP: 30mm SHAPE: WEDGE DIAMETER: 320mm</p> 	<p>13PW90WGSP/ASBC CATCODE: PWM162</p> <p>TYPE: SP WIDTH: 90mm FLAT TIP: 30mm SHAPE: WEDGE DIAMETER: 320mm</p> 	<p>13PW90WGSF/ASBC CATCODE: PWM</p> <p>TYPE: SS WIDTH: 90mm FLAT TIP: 30mm SHAPE: WEDGE DIAMETER: 320mm</p> 
<p>TYRE: 13PW90WGSS CENTRE: 11PWALCENTRE BEARING: 5203KMF</p>	<p>TYRE: 13PW90WGSP CENTRE: 11PWALCENTRE BEARING: 5203KMF</p>	<p>TYRE: 13PW90WGSF CENTRE: 11PWALCENTRE BEARING: 5203KMF</p>

This is a new wheel type released in 2021. This wheel is designed to fit directly to DBS type machines. A range of specialised tyres are available to suit a range of soil type, moisture levels and seeding methods. Extreme Ag bearings are used in all wheels and side cheeks are fitted to reduce soil throw.



14"-15" Sealed Bearing and Old Model Conservapak Press Wheels

Master Guide: All ASB Wheels come standard with the following:

- 11.4" Alloy two piece split rim (actual rim diameter = 290mm)
- 15" Tyre fitted (varies with code)

- 2 x 6205 -2RS (25mm Bore) Bearings Fitted

-SD = Solid, SS = Semi-Solid, SP = Semi-Pneumatic, SF = Hi-Flex
















Bearing Options: 1" Bearings and Locking Collar available

Centre Options: ConservaPak (6205-2RS), GASON (6305-2RS), DUNCAN (6305-2RS)



<p>15PW100FLSD/ASB CATCODE: PWQ002</p> <p>TYPE: SD WIDTH: 100mm SHAPE: Flat DIAMETER: 350mm WEIGHT: 8.36kg</p> <p>TYRE: 15PW100FLSD CENTRE: 15PWALSBCENTRE BEARING: 6205-2RS (2pcs)</p>	<p>15PW100FLSP/ASB CATCODE: PWQ008</p> <p>TYPE: SP WIDTH: 100mm SHAPE: Flat DIAMETER: 350mm WEIGHT: 7.30kg</p> <p>TYRE: 15PW100FLSP CENTRE: 15PWALSBCENTRE BEARING: 6205-2RS (2pcs)</p>	<p>15PW110WGSD/ASB CATCODE: PWQ012</p> <p>TYPE: SD WIDTH: 110mm SHAPE: Wedge DIAMETER: 380mm WEIGHT: 8.80kg</p> <p>TYRE: 15PW110WGSD CENTRE: 15PWALSBCENTRE BEARING: 6205-2RS (2pcs)</p>	<p>15PW110WGSP/ASB CATCODE: PWQ018</p> <p>TYPE: SP WIDTH: 110mm SHAPE: Wedge DIAMETER: 380mm WEIGHT: 7.50kg</p> <p>TYRE: 15PW110WGSP CENTRE: 15PWALSBCENTRE BEARING: 6205-2RS (2pcs)</p>
<p>15PW55DOSP/ASB CATCODE: PWQ022</p> <p>TYPE: SP WIDTH: 55mm SHAPE: Dome DIAMETER: 380mm WEIGHT: 6.30kg</p> <p>TYRE: 15PW55DOSP CENTRE: 15PWALSBCENTRE BEARING: 6205-2RS (2pcs)</p>	<p>15PW55FLSD/ASB CATCODE: PWQ028</p> <p>TYPE: SD WIDTH: 55mm SHAPE: Flat DIAMETER: 350mm WEIGHT: 7.50kg</p> <p>TYRE: 15PW55FLSD CENTRE: 15PWALSBCENTRE BEARING: 6205-2RS (2pcs)</p>	<p>15PW55FLSP/ASB CATCODE: PWQ034</p> <p>TYPE: SP WIDTH: 55mm SHAPE: Flat DIAMETER: 340mm WEIGHT: 5.40kg</p> <p>TYRE: 15PW55FLSP CENTRE: 15PWALSBCENTRE BEARING: 6205-2RS (2pcs)</p>	<p>15PW55WGSD/ASB CATCODE: PWQ040</p> <p>TYPE: SD WIDTH: 55mm SHAPE: Wedge DIAMETER: 380mm WEIGHT: 6.80kg</p> <p>TYRE: 15PW55WGSD CENTRE: 15PWALSBCENTRE BEARING: 6205-2RS (2pcs)</p>
<p>15PW55WGSP/ASB CATCODE: PWQ047</p> <p>TYPE: SP WIDTH: 55mm SHAPE: Wedge DIAMETER: 380mm WEIGHT: 5.80kg</p> <p>TYRE: 15PW55WGSP CENTRE: 15PWALSBCENTRE BEARING: 6205-2RS (2pcs)</p>	<p>15PW70VESD/ASB CATCODE: PWQ053</p> <p>TYPE: SD WIDTH: 70mm SHAPE: Vee DIAMETER: 380mm WEIGHT: 8kg</p> <p>TYRE: 15PW70VESD CENTRE: 15PWALSBCENTRE BEARING: 6205-2RS (2pcs)</p>	<p>15PW75RDSP/ASB CATCODE: PWQ114</p> <p>TYPE: SP WIDTH: 75mm SHAPE: Round DIAMETER: 355mm WEIGHT: 6.50kg</p> <p>TYRE: 15PW75RDSP CENTRE: 15PWALSBCENTRE BEARING: 6205-2RS (2pcs)</p>	<p>15PW80FLSP/ASB CATCODE: PWQ115</p> <p>TYPE: SP WIDTH: 80mm SHAPE: Flat DIAMETER: 340mm WEIGHT: 6.40kg</p> <p>TYRE: 15PW80FLSP CENTRE: 15PWALSBCENTRE BEARING: 6205-2RS (2pcs)</p>
<p>15PW80WGSP/ASB CATCODE: PWQ074</p> <p>TYPE: SP WIDTH: 80mm SHAPE: Wedge DIAMETER: WEIGHT: 6.70kg</p> <p>TYRE: 15PW80WGSP CENTRE: 15PWALSBCENTRE BEARING: 6205-2RS (2pcs)</p>	<p>15PW80WGSD/ASB CATCODE: PWQ067</p> <p>TYPE: SD WIDTH: 80mm SHAPE: Wedge DIAMETER: 380mm WEIGHT: 7.60kg</p> <p>TYRE: 15PW80WGSD CENTRE: 15PWALSBCENTRE BEARING: 6205-2RS (2pcs)</p>	<p>15PW80WGSF/ASB CATCODE: PWQ116</p> <p>TYPE: SF WIDTH: 80mm SHAPE: Wedge DIAMETER: 380mm WEIGHT: 6.10kg</p> <p>TYRE: 15PW80WGSF CENTRE: 15PWALSBCENTRE BEARING: 6205-2RS (2pcs)</p>	

15"-16" Sealed Bearing/Old Model Conservapak Press Wheels

<p>15PW80WGSS/ASB CATCODE: PWQ080</p> <p>TYPE: SS WIDTH: 80mm SHAPE: Wedge DIAMETER: 380mm WEIGHT: 7.50kg</p> 	<p>15PW90RDS/ASB CATCODE: PWQ082</p> <p>TYPE: SD WIDTH: 90mm SHAPE: Round DIAMETER: 380mm WEIGHT: 8.70kg</p> 	<p>16PW70VCSP/ASB CATCODE: PWQ096</p> <p>TYPE: SP WIDTH: 70mm SHAPE: Vee/Dome DIAMETER: 410mm WEIGHT: 6.90kg</p> 	<p>16PW80WCSD/ASB CATCODE: PWQ102</p> <p>TYPE: SD WIDTH: 80mm SHAPE: Wedge DIAMETER: 410mm WEIGHT: 8.20kg</p> 
<p>TYRE: 15PW80WGSS CENTRE: 15PWALSBCENTRE BEARING: 6205-2RS (2pcs)</p>	<p>TYRE: 15PW90RDS CENTRE: 15PWALSBCENTRE BEARING: 6205-2RS (2pcs)</p>	<p>TYRE: 16PW70VCSP CENTRE: 15PWALSBCENTRE BEARING: 6205-2RS (2pcs)</p>	<p>TYRE: 16PW80WCSD CENTRE: 15PWALSBCENTRE BEARING: 6205-2RS (2pcs)</p>
<p>16PW80WCSP/ASB CATCODE: PWQ108</p> <p>TYPE: SP WIDTH: 80mm SHAPE: Wedge DIAMETER: 410mm WEIGHT: 7.50kg</p> 	<p>16PW70VCSD/ASB CATCODE: PWQ091</p> <p>TYPE: SD WIDTH: 70mm SHAPE: Dome DIAMETER: 410mm WEIGHT: 7.50kg</p> 	<p>15PW100FLSF/ASB CATCODE: PWQ114</p> <p>TYPE: SF WIDTH: 100mm SHAPE: FLAT DIAMETER: 350mm WEIGHT: 7.30kg</p> 	<p>16PW100RCSP/ASB CATCODE: PWQ117</p> <p>TYPE: SP WIDTH: 100mm SHAPE: ROUND DIAMETER: 405mm WEIGHT: 8.10kg</p> 
<p>TYRE: 16PW80WCSP CENTRE: 15PWALSBCENTRE BEARING: 6205-2RS (2pcs)</p>	<p>TYRE: 16PW70VCSD CENTRE: 15PWALSBCENTRE BEARING: 6205-2RS (2pcs)</p>	<p>TYRE: 15PW100FLSF CENTRE: 15PWALSBCENTRE BEARING: 6205-2RS (2pcs)</p>	<p>TYRE: 16PW100RCSP CENTRE: 15PWALSBCENTRE BEARING: 6205-2RS (2pcs)</p>
<p>16PW100RCSS/ASB CATCODE: PWQ118</p> <p>TYPE: SS WIDTH: 100mm SHAPE: ROUND DIAMETER: 405mm WEIGHT: 10.20kg</p> 	<p>16PW100RCSF/ASB CATCODE: PWQ119</p> <p>TYPE: SF WIDTH: 100mm SHAPE: ROUND DIAMETER: 405mm WEIGHT: 7.50kg</p> 	<p>15PW150WGSS/ASB CATCODE: PWQ146</p> <p>TYPE: SS WIDTH: 150mm SHAPE: WINGED WEDGE DIAMETER: 390mm WEIGHT: 9.75kg</p> 	<p>15PW150FWSS/ASB CATCODE: PWQ147</p> <p>TYPE: SS WIDTH: 150mm SHAPE: WINGED WEDGE DIAMETER: 390mm WEIGHT: 9.65kg</p> 
<p>TYRE: 16PW100RCSS CENTRE: 15PWALSBCENTRE BEARING: 6205-2RS (2pcs)</p>	<p>TYRE: 16PW100RCSF CENTRE: 15PWALSBCENTRE BEARING: 6205-2RS (2pcs)</p>	<p>TYRE: 15PW150WGSS CENTRE: 15PWALSBCENTRE BEARING: 6205-2RS (2pcs)</p>	<p>TYRE: 15PW150FWSS CENTRE: 15PWALSBCENTRE BEARING: 6205-2RS (2pcs)</p>
<p>16PW130WGSP/ASB CATCODE: PWQ148</p> <p>TYPE: SP WIDTH: 130mm SHAPE: Wedge DIAMETER: 400mm WEIGHT: 8.5kg</p> 	<p>15PW140PRSP/ASB CATCODE: PWQ149</p> <p>TYPE: SP WIDTH: 140mm SHAPE: PAIRED ROW DIAMETER: 380mm WEIGHT:</p> 	<p>15PW140PRSS/ASB CATCODE: PWQ150</p> <p>TYPE: SS WIDTH: 140mm SHAPE: PAIRED ROW DIAMETER: 380mm WEIGHT:</p> 	
<p>TYRE: 16PW130WGSP CENTRE: 15PWALSBCENTRE BEARING: 6205-2RS (2pcs)</p>	<p>TYRE: 16PW140PRSP CENTRE: 15PWALSBCENTRE BEARING: 6205-2RS (2pcs)</p>	<p>TYRE: 15PW140PRSS CENTRE: 15PWALSBCENTRE BEARING: 6205-2RS (2pcs)</p>	

Note: 16" Tyres fit the same rim as the 15" Tyres

Note: To match original Conservapak dimension exactly use 16" tyres

To order original model Conservapak, replace ASB/ with /ACSB

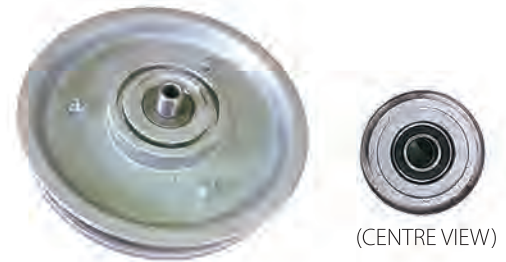
To order John Deere 1870 model see pages 21 & 22

Important note: on Conservapak and JD1870 Machines the maximum tyre width is 120mm

14" - 15" John Deere 1870 Press Wheels (OLD MODEL)

Replacement Press Wheels to suit the John Deere 1870.
Wheel supplied complete with all
bushing for direct fitment. (2013-2019)

See pages 23-25 for new model wheel.














(Also available with 1/2"
bush to suit Conservapak)

15PW100FLSD/JD CATCODE: PWQ120 TYPE: SD WIDTH: 100mm SHAPE: Flat DIAMETER: 350mm WEIGHT: 8.60kg TYRE: 15PW100FLSD CENTRE: 15PWALSBCENTRE BEARING: 6205-2RS (2pcs)	15PW100FLSP/JD CATCODE: PWQ121 TYPE: SP WIDTH: 100mm SHAPE: Flat DIAMETER: 350mm WEIGHT: 7.60kg TYRE: 15PW100FLSP CENTRE: 15PWALSBCENTRE BEARING: 6205-2RS (2pcs)	15PW110WGSD/JD CATCODE: PWQ122 TYPE: SD WIDTH: 110mm SHAPE: Wedge DIAMETER: 380mm WEIGHT: 9.10kg TYRE: 15PW110WGSD CENTRE: 15PWALSBCENTRE BEARING: 6205-2RS (2pcs)	15PW110WGP/JD CATCODE: PWQ123 TYPE: SP WIDTH: 110mm SHAPE: Wedge DIAMETER: 380mm WEIGHT: 7.80kg TYRE: 15PW110WGP CENTRE: 15PWALSBCENTRE BEARING: 6205-2RS (2pcs)
15PW55DOSP/JD CATCODE: PWQ124 TYPE: SP WIDTH: 55mm SHAPE: Dome DIAMETER: 380mm WEIGHT: 6.60kg TYRE: 15PW55DOSP CENTRE: 15PWALSBCENTRE BEARING: 6205-2RS (2pcs)	15PW55FLSD/JD CATCODE: PWQ125 TYPE: SD WIDTH: 55mm SHAPE: Flat DIAMETER: 350mm WEIGHT: 7.75kg TYRE: 15PW55FLSD CENTRE: 15PWALSBCENTRE BEARING: 6205-2RS (2pcs)	15PW55FLSP/JD CATCODE: PWQ126 TYPE: SP WIDTH: 55mm SHAPE: Flat DIAMETER: 340mm WEIGHT: 5.65kg TYRE: 15PW55FLSP CENTRE: 15PWALSBCENTRE BEARING: 6205-2RS (2pcs)	15PW55WGSD/JD CATCODE: PWQ127 TYPE: SD WIDTH: 55mm SHAPE: Wedge DIAMETER: 380mm WEIGHT: 7.05kg TYRE: 15PW55WGSD CENTRE: 15PWALSBCENTRE BEARING: 6205-2RS (2pcs)
15PW55WGP/JD CATCODE: PWQ128 TYPE: SP WIDTH: 55mm SHAPE: Wedge DIAMETER: 380mm WEIGHT: 6.10kg TYRE: 15PW55WGP CENTRE: 15PWALSBCENTRE BEARING: 6205-2RS (2pcs)	15PW70VESD/JD CATCODE: PWQ129 TYPE: SD WIDTH: 70mm SHAPE: Vee DIAMETER: 380mm WEIGHT: 8.30kg TYRE: 15PW70VESD CENTRE: 15PWALSBCENTRE BEARING: 6205-2RS (2pcs)	15PW75RDSP/JD CATCODE: PWQ130 TYPE: SP WIDTH: 75mm SHAPE: Round DIAMETER: 355mm WEIGHT: 6.80kg TYRE: 15PW75RDSP CENTRE: 15PWALSBCENTRE BEARING: 6205-2RS (2pcs)	15PW80FLSP/JD CATCODE: PWQ131 TYPE: SP WIDTH: 80mm SHAPE: Flat DIAMETER: 340mm WEIGHT: 6.70kg TYRE: 15PW80FLSP CENTRE: 15PWALSBCENTRE BEARING: 6205-2RS (2pcs)
15PW80WGP/JD CATCODE: PWQ135 TYPE: SP WIDTH: 80mm SHAPE: Wedge DIAMETER: 380mm WEIGHT: 7kg TYRE: 15PW80WGP CENTRE: 15PWALSBCENTRE BEARING: 6205-2RS (2pcs)	15PW80WGSD/JD CATCODE: PWQ133 TYPE: SD WIDTH: 80mm SHAPE: Wedge DIAMETER: 380mm WEIGHT: 7.85kg TYRE: 15PW80WGSD CENTRE: 15PWALSBCENTRE BEARING: 6205-2RS (2pcs)	15PW80WGSF/JD CATCODE: PWQ134 TYPE: SF WIDTH: 80mm SHAPE: Wedge DIAMETER: 380mm WEIGHT: 6.40kg TYRE: 15PW80WGSF CENTRE: 15PWALSBCENTRE BEARING: 6205-2RS (2pcs)	

15" - 16" John Deere 1870 Press Wheels OLD MODEL

(Also available with 1/2" bush to suit Conservapak)

<p>15PW80WGSS/JD CATCODE: PWQ136</p> <p>TYPE: SS WIDTH: 80mm SHAPE: Wedge DIAMETER: 380mm WEIGHT: 7.80kg</p> <p>TYRE: 15PW80WGSS CENTRE: 15PWALSBCENTRE BEARING: 6205-2RS (2pcs)</p> 	<p>15PW90RDS/D CATCODE: PWQ137</p> <p>TYPE: SD WIDTH: 90mm SHAPE: Round DIAMETER: 380mm WEIGHT: 8.7kg</p> <p>TYRE: 15PW90RDS CENTRE: 15PWALSBCENTRE BEARING: 6205-2RS (2pcs)</p> 	<p>16PW70VCSP/JD CATCODE: PWQ138</p> <p>TYPE: SP WIDTH: 70mm SHAPE: Vee/Dome DIAMETER: 410mm WEIGHT: 7.1kg</p> <p>TYRE: 16PW70VCSP CENTRE: 15PWALSBCENTRE BEARING: 6205-2RS (2pcs)</p> 	<p>16PW80WCSD/JD CATCODE: PWQ139</p> <p>TYPE: SD WIDTH: 80mm SHAPE: Wedge DIAMETER: 410mm WEIGHT: 8.50kg</p> <p>TYRE: 16PW80WCSD CENTRE: 15PWALSBCENTRE BEARING: 6205-2RS (2pcs)</p> 
<p>16PW80WCSP/JD CATCODE: PWQ140</p> <p>TYPE: SP WIDTH: 80mm SHAPE: Wedge DIAMETER: 410mm WEIGHT: 7.80kg</p> <p>TYRE: 16PW80WCSP CENTRE: 15PWALSBCENTRE BEARING: 6205-2RS (2pcs)</p> 	<p>16PW70VCSD/JD CATCODE: PWQ141</p> <p>TYPE: SD WIDTH: 70mm SHAPE: Dome DIAMETER: 410mm WEIGHT: 7.80kg</p> <p>TYRE: 16PW70VCSD CENTRE: 15PWALSBCENTRE BEARING: 6205-2RS (2pcs)</p> 	<p>15PW100FLSF/JD CATCODE: PWQ142</p> <p>TYPE: SF WIDTH: 100mm SHAPE: FLAT DIAMETER: 350mm WEIGHT: 7.60kg</p> <p>TYRE: 15PW100FLSF CENTRE: 15PWALSBCENTRE BEARING: 6205-2RS (2pcs)</p> 	<p>16PW100RCSP/JD CATCODE: PWQ143</p> <p>TYPE: SP WIDTH: 100mm SHAPE: ROUND DIAMETER: 405mm WEIGHT: 8.40kg</p> <p>TYRE: 16PW100RCSP CENTRE: 15PWALSBCENTRE BEARING: 6205-2RS (2pcs)</p> 
<p>16PW100RCSS/JD CATCODE: PWQ144</p> <p>TYPE: SS WIDTH: 100mm SHAPE: ROUND DIAMETER: 405mm WEIGHT: 10.50kg</p> <p>TYRE: 16PW100RCSS CENTRE: 15PWALSBCENTRE BEARING: 6205-2RS (2pcs)</p> 	<p>16PW100RCSF/JD CATCODE: PWQ145</p> <p>TYPE: SF WIDTH: 100mm SHAPE: ROUND DIAMETER: 405mm WEIGHT: 7.80kg</p> <p>TYRE: 16PW100RCSF CENTRE: 15PWALSBCENTRE BEARING: 6205-2RS (2pcs)</p> 		

SD = SOLID SP = SEMI PNEUMATIC SS = SEMI - SOLID SF = HI - FLEX

- Note:** - For new machines see page 23 and 24
 - For original Conservapak Machines replace /JD in code with CP
 - To match original John Deere dimensions exactly use 16" tyres
 - 16" Tyres fit the same rim as the 15" Tyres

**NEW VERSION HAS PEER "SEALED FOR LIFE" BEARING
Now Available on page 23 and 24**

John Deere Mud Razor Gauge Wheels and Serafin

ZERO MAINTENANCE

Manutec's range of Mud Razor Gauge Wheels to suit John Deere Single Disc Openers have been designed to fit directly onto the John Deere 1860 and 1890 disc machines as a replacement for the existing gauge wheel. The Mud Razor Gauge Wheels have a hardened Steel Scraper Ring moulded into the front leading edge of the tyre. This ring is very effective at reducing mud build up on the disc. Additionally the wheel spokes alloy residue and mud to flow through the wheel cavity.

<p>JD1890-80 CATCODE: PWP136</p>  <p>TYPE: MR SHAPE: GAUGE WIDTH: 80mm DIAMETER: 390mm WEIGHT: 10.30kg</p>	<p>JD1860-110 CATCODE: PWP137</p>  <p>TYPE:MR SHAPE: GAUGE WIDTH: 110mm DIAMETER: 390mm WEIGHT: 12.25kg</p>	<p>JDHUB-5203S CATCODE: PAX067</p>  <p>Steel Hub with 5203 Bearing</p>	<p>JDHUB-5205A CATCODE: PAX069</p>  <p>Aluminium Hub with 5205 bearing</p>
<p>JD1730-115 CATCODE: PWP140</p>  <p>TYPE: SP SHAPE: GAUGE WIDTH: 115mm DIAMETER: 390mm WEIGHT: 9.35kg</p>	<p>JDHUB-5203A CATCODE: PAX070</p>  <p>Aluminium Hub with 5203 bearing</p>	<p>HUB-5203A CATCODE: PAX086</p>  <p>Aluminium Hub with 5203 bearing</p>	<p>16PW103GLSS/AHT CATCODE: PWP139</p>  <p>TYPE: MR SHAPE: GAUGE DIAMETER: 410mm WIDTH: 309mm WEIGHT: 12kg</p>

Austil/Simplicity Mud Razor Gauge Wheels

<p>16PW110GSSD/ASP CATCODE: PWP138</p>  <p>TYPE: SSD SHAPE: Gauge WIDTH: 110mm DIAMETER: 410m WEIGHT: 13.05kg</p>	<p>16PW110GSSD/AHT CATCODE: PWP101</p>  <p>TYPE: SSD SHAPE: Gauge WIDTH: 110mm DIAMETER: 410mm WEIGHT: 11.60kg</p>	<p>PRE MUD RAZOR</p> <p>16PW110GLSD/AHT</p> <p>16PW110GLSP/AHT</p> <p>15PW115GBSD/PHT</p>	
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GAUGE WHEELS (HT PATTERN)

<p>16PW110GSSD/AHT CATCODE: PWP101</p> <p>TYPE: Steel Band  WIDTH: 110mm SHAPE: Lipped (Steel) DIAMETER: 410mm WEIGHT: 11.60kg</p> <p>16PW110GSSD/ASP CATCODE: PWP138</p> <p>TYPE: MR  WIDTH: 110mm SHAPE: Gauge DIAMETER: 410mm WEIGHT: 13.05kg</p>	<p>16PW110GLSP/AHT CATCODE: PWP100</p> <p>TYPE: SP  WIDTH: 110mm SHAPE: Lipped DIAMETER: 400mm WEIGHT: 7.50kg</p> <p>16PW103GLSS/AHT CATCODE: PWP139</p> <p>TYPE: MR  WIDTH: 103mm SHAPE: Gauge DIAMETER: 390mm WEIGHT: 12kg</p>	<p>16PW110GLSD/AHT CATCODE: PWP099</p> <p>TYPE: SD  WIDTH: 110mm SHAPE: Lipped DIAMETER: 400mm WEIGHT: 9.70kg</p> <p>JD1890-80 CATCODE: PWP136</p> <p>TYPE: MR  WIDTH: 80mm SHAPE: Gauge DIAMETER: 390mm WEIGHT: 10.3kg</p>	<p>16PWJD1730-110 CATCODE: PWP</p> <p>TYPE: SP  WIDTH: 110mm SHAPE: Lipped DIAMETER: 390mm WEIGHT: 4.5kg</p> <p>JD1860-110 CATCODE:</p> <p>TYPE: MR  WIDTH: 110mm SHAPE: Gauge DIAMETER: 390mm WEIGHT: 12.25</p>
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Hub Options:

Standard HT, Narrow HT with 40mm Round or Square Stubs (Taper Bearings).

Alloy HT to suit 16mm Bolt (Sealed Bearings)







Alloy HT with 25mm Stub (Sealed Bearings)



18"- 19" Sealed Bearing Press Wheels

- 15.3" Alloy two piece split rim (actual rim diameter = 390mm)
 - 18" Tyre fitted (varies with code)
 - 2 x 6205-2RS (25mm Bore) Bearings fitted
 - -SD = Solid, SS = Semi-Solid, SP = Semi-Pneumatic, SF = Hi-Flex
- Bearing Options: 1" and Locking Collar Bearings Available



<p>18PW100FLSD/ASB CATCODE: PWK015</p> <p>TYPE: SD WIDTH: 100mm SHAPE: Flat DIAMETER: 450mm WEIGHT: 12.60kg</p> 	<p>18PW100FLSP/ASB CATCODE: PWK016</p> <p>TYPE: SP WIDTH: 100mm SHAPE: Flat DIAMETER: 450mm WEIGHT: 10.50kg</p> 	<p>18PW120FLSD/ASB CATCODE: PWK113</p> <p>TYPE: SD WIDTH: 120mm SHAPE: Flat Ribbed DIAMETER: 450mm WEIGHT: 12.90kg</p> 	<p>18PW120FLSP/ASB CATCODE: PWK018</p> <p>TYPE: SP WIDTH: 120mm SHAPE: Flat DIAMETER: 450mm WEIGHT: 12.10kg</p> 
<p>TYRE: 18PW100FLSD CENTRE: 18PWALSBCENTRE BEARING: 6205-2RS (2pcs)</p>	<p>TYRE: 18PW100FLSP CENTRE: 18PWALSBCENTRE BEARING: 6205-2RS (2pcs)</p>	<p>TYRE: 18PW120FLSD CENTRE: 18PWALSBCENTRE BEARING: 6205-2RS (2pcs)</p>	<p>TYRE: 18PW120FLSP CENTRE: 18PWALSBCENTRE BEARING: 6205-2RS (2pcs)</p>
<p>18PW55FLSP/ASB CATCODE: PWK019</p> <p>TYPE: SP WIDTH: 120mm SHAPE: Flat DIAMETER: 440mm WEIGHT: 8.10kg</p> 	<p>18PW55FLSS/ASB CATCODE: PWK020</p> <p>TYPE: SS WIDTH: 55mm SHAPE: Flat DIAMETER: 440mm WEIGHT: 8.30kg</p> 	<p>18PW55WGSP/ASB CATCODE: PWK021</p> <p>TYPE: SP WIDTH: 55mm SHAPE: Wedge DIAMETER: 480mm WEIGHT: 8.70kg</p> 	<p>18PW55WGSS/ASB CATCODE: PWK022</p> <p>TYPE: SS WIDTH: 55mm SHAPE: Wedge DIAMETER: 480mm WEIGHT: 9.50kg</p> 
<p>TYRE: 18PW55FLSP CENTRE: 18PWALSBCENTRE BEARING: 6205-2RS (2pcs)</p>	<p>TYRE: 18PW55FLSS CENTRE: 18PWALSBCENTRE BEARING: 6205-2RS (2pcs)</p>	<p>TYRE: 18PW55WGSP CENTRE: 18PWALSBCENTRE BEARING: 6205-2RS (2pcs)</p>	<p>TYRE: 18PW55WGSS CENTRE: 18PWALSBCENTRE BEARING: 6205-2RS (2pcs)</p>
<p>18PW80WGSD/ASB CATCODE: PWK023</p> <p>TYPE: SD WIDTH: 80mm SHAPE: Wedge DIAMETER: 480mm WEIGHT: 11.10kg</p> 	<p>18PW80WGSP/ASB CATCODE: PWK024</p> <p>TYPE: SP WIDTH: 80mm SHAPE: Wedge DIAMETER: 480mm WEIGHT: 9.80kg</p> 	<p>18PW80WGSS/ASB CATCODE: PWK025</p> <p>TYPE: SS WIDTH: 80mm SHAPE: Wedge DIAMETER: 480mm WEIGHT: 10.50kg</p> 	<p>18PW55WGSD/ASB CATCODE: PWK026</p> <p>TYPE: SD WIDTH: 55mm SHAPE: Wedge DIAMETER: 480mm WEIGHT: 9.70kg</p> 
<p>TYRE: 18PW80WGSD CENTRE: 18PWALSBCENTRE BEARING: 6205-2RS (2pcs)</p>	<p>TYRE: 18PW80WGSP CENTRE: 18PWALSBCENTRE BEARING: 6205-2RS (2pcs)</p>	<p>TYRE: 18PW80WGSS CENTRE: 18PWALSBCENTRE BEARING: 6205-2RS (2pcs)</p>	<p>TYRE: 18PW55WGSD CENTRE: 18PWALSBCENTRE BEARING: 6205-2RS (2pcs)</p>
<p>18PW100FLSF/ASB CATCODE: PWK027</p> <p>TYPE: SF WIDTH: 100mm SHAPE: FLAT DIAMETER: 450mm WEIGHT: 10.50kg</p> 	<p>18PW55FLSD/ASB CATCODE: PWK028</p> <p>TYPE: SD WIDTH: 55mm SHAPE: FLAT DIAMETER: 440mm WEIGHT: 8.90kg</p> 	<p>18PW110WGSD/ASB CATCODE: PWK109</p> <p>TYPE: SD WIDTH: 110mm SHAPE: WEDGE DIAMETER: 480mm WEIGHT: 12.50kg</p> 	<p>18PW110WGSP/ASB CATCODE: PWK110</p> <p>TYPE: SP WIDTH: 110mm SHAPE: WEDGE DIAMETER: 480mm WEIGHT: 10.55kg</p> 
<p>TYRE: 18PW100FLSF CENTRE: 18PWALSBCENTRE BEARING: 6205-2RS (2 pcs)</p>	<p>TYRE: 18PW55FLSD CENTRE: 18PWALSBCENTRE BEARING: 6205-2RS (2 pcs)</p>	<p>TYRE: 18PW110WGSD CENTRE: 18PWALSBCENTRE BEARING: 6205-2RS (2pcs)</p>	<p>TYRE: 18PW110WGSP CENTRE: 18PWALSBCENTRE BEARING: 6205-2RS (2pcs)</p>

Planter Press Wheels

13" HT Planter Press Wheels

Master Guide: All Wheels come standard with the following:

- 10" Alloy two piece HT Pattern split rim (actual rim diameter = 250mm)
- 13" Tyre fitted (varies with code)

Hub Options: 5 Stud Alloy Hub (Fully Sealed) (HT Pattern)

Axle Options: Bushed Hub to suit 16mm Bolt Axle or Fitted 25mm Stub Axle



13PW25FLSP/AHT CATCODE: PWM004 TYPE: SP SHAPE: Flat DIAMETER: 330mm WIDTH: 100mm with 25mm tip WEIGHT: 5kg HUB16mm: PWHTHUB16 HUB16mm: JDHUB-5203S HUB25mm: PWHTHUB25 TYRE: 13PW25FLSP	13PW50FLSP/AHT CATCODE: PWM006 TYPE: SP SHAPE: Flat DIAMETER: 330mm WIDTH: 100mm with 50mm tip WEIGHT: 5.2kg HUB16mm: PWHTHUB16 HUB16mm: JDHUB-5203S HUB25mm: PWHTHUB25 TYRE: 13PW50FLSP	13PW75FLSP/AHT CATCODE: PWM007 TYPE: SP SHAPE: Flat DIAMETER: 330mm WIDTH: 100mm with 75mm tip WEIGHT: 5.2kg HUB16mm: PWHTHUB16 HUB16mm: JDHUB-5203S HUB25mm: PWHTHUB25 TYRE: 13PW75FLSP	13PW100DOSP/AHT CATCODE: PWM002 TYPE: SP SHAPE: Dome DIAMETER: 330mm WIDTH: 100mm to Dome WEIGHT: 6.1kg HUB16mm: PWHTHUB16 HUB16mm: JDHUB-5203S HUB25mm: PWHTHUB25 TYRE: 13PW100DOSP
13PW70FLSP/AHT CATCODE: PWM009 TYPE: SP SHAPE: FLAT DIAMETER: 300mm WIDTH: 70mm WEIGHT: 4.2kg	13PW70FLSS/AHT CATCODE: PWM010 TYPE: SP SHAPE: FLAT DIAMETER: 300mm WIDTH: 70mm WEIGHT: 4.70kg	13PW90FLSS/AHT CATCODE: PWM011 TYPE: SS SHAPE: FLAT DIAMETER: 300mm WIDTH: 90mm WEIGHT: 4.90kg	13PW75FLSS/AHT CATCODE: PWM012 TYPE: SS SHAPE: FLAT DIAMETER: 330mm WIDTH: 75mm WEIGHT: 7.4kg

Above codes include tyre and centre. Hubs need to be ordered separately.

Other Planter Wheels





13PW48STL16 (5203KYY3 BEARING) CATCODE: PWM005 BORE: 16mm TYPE: SD WIDTH: 48mm SHAPE: Flat DIAMETER: 13" (330mm) WEIGHT: 3.95kg 13PW48STL16 CATCODE: PWM005 	12PW25PLAS16 (5203KYY3 BEARING) CATCODE: PWM001 BORE: 16mm TYPE: SD WIDTH: 25mm SHAPE: Rounded DIAMETER: 12" (300mm) WEIGHT: 1.55kg 12PW25PLAS16 CATCODE: PWM001 	10PW25DOSSD CATCODE: PWT057 HUB16mm or HUB25mm WIDTH: 25mm SHAPE: Rounded DIAMETER: 250mm WEIGHT: 1.85kg 10PW25DOSSD CATCODE: PWT057 	10PW10DOSD CATCODE: PWT001 HUB16mm or HUB25mm WIDTH: 10mm SHAPE: Rounded DIAMETER: 250mm WEIGHT: 1.30kg 13PW25DOSD CATCODE: PWT073 TYPE: SD WIDTH: 25mm SHAPE: Dome DIAMETER: 340mm WEIGHT: 2.80kg
Hub Options: Standard HT, Narrow HT with 40mm Round or Square Stubs (Taper Bearings). Alloy HT to suit 16mm Bolt (Sealed Bearings) Alloy HT with 25mm Stub (Sealed Bearings)		JDHUB-5203S CATCODE: PAX067 Steel hub with 5203 bearing 	JDHUB-5205A CATCODE: PAX069 Aluminium Hub with 5205 bearing 

14" -15" Flange Bearing Press Wheels











Master Guide: All /ASB Wheels come standard with the following:

- 11.4" Alloy two piece split rim (actual rim diameter = 290mm)
- 15" Tyre fitted (varies with code)
- SD = Solid, SS = Semi-Solid, SP = Semi-Pneumatic, SF = Hi-Flex
- Suits both Square and Round bearing Flanges (4 Bolt)
- (504 Series)
- Flanges and Bearings supplied separately



15PW100FLSD/AFL CATCODE: PWQ146 TYPE: SD WIDTH: 100mm SHAPE: Flat DIAMETER: 350mm WEIGHT: 7.60kg 	15PW100FLSP/AFL CATCODE: PWQ147 TYPE: SP WIDTH: 100mm SHAPE: Flat DIAMETER: 350mm WEIGHT: 6.60kg 	15PW110WGSD/AFL CATCODE: PWQ148 TYPE: SD WIDTH: 110mm SHAPE: Wedge DIAMETER: 380mm WEIGHT: 8.10kg 	15PW110WGSP/AFL CATCODE: PWQ149 TYPE: SP WIDTH: 110mm SHAPE: Wedge DIAMETER: 380mm WEIGHT: 6.80kg 
TYRE: 15PW100FLSD CENTRE: 15PWALFLCENTRE	TYRE: 15PW100FLSP CENTRE: 15PWALFLCENTRE	TYRE: 15PW110WGSD CENTRE: 15PWALFLCENTRE	TYRE: 15PW110WGSP CENTRE: 15PWALFLCENTRE
15PW55DOSP/AFL CATCODE: PWQ150 TYPE: SP WIDTH: 55mm SHAPE: Dome DIAMETER: 380mm WEIGHT: 5.60kg 	15PW55FLSD/AFL CATCODE: PWQ151 TYPE: SD WIDTH: 55mm SHAPE: Flat DIAMETER: 350mm WEIGHT: 6.80kg 	15PW55FLSP/AFL CATCODE: PWQ152 TYPE: SP WIDTH: 55mm SHAPE: Flat DIAMETER: 340mm WEIGHT: 4.70kg 	15PW55WGSD/AFL CATCODE: PWQ153 TYPE: SD WIDTH: 55mm SHAPE: Wedge DIAMETER: 380mm WEIGHT: 6.10kg 
TYRE: 15PW55DOSP CENTRE: 15PWALFLCENTRE	TYRE: 15PW55FLSD CENTRE: 15PWALFLCENTRE	TYRE: 15PW55FLSP CENTRE: 15PWALFLCENTRE	TYRE: 15PW55WGSD CENTRE: 15PWALFLCENTRE
15PW55WGSP/AFL CATCODE: PWQ154 TYPE: SP WIDTH: 55mm SHAPE: Wedge DIAMETER: 380mm WEIGHT: 5.10kg 	15PW70VESD/AFL CATCODE: PWQ155 TYPE: SD WIDTH: 70mm SHAPE: Vee DIAMETER: 380mm WEIGHT: 7.30kg 	15PW75RDSP/AFL CATCODE: PWQ156 TYPE: SP WIDTH: 75mm SHAPE: Round DIAMETER: 355mm WEIGHT: 5.80kg 	15PW80FLSP/AFL CATCODE: PWQ157 TYPE: SP WIDTH: 80mm SHAPE: Flat DIAMETER: 340mm WEIGHT: 5.70kg 
TYRE: 15PW55WGSP CENTRE: 15PWALFLCENTRE	TYRE: 15PW70VESD CENTRE: 15PWALFLCENTRE	TYRE: 15PW75RDSP CENTRE: 15PWALFLCENTRE	TYRE: 15PW80FLSP CENTRE: 15PWALFLCENTRE
15PW100FLSF/AFL CATCODE: PWQ168 TYPE: SF WIDTH: 100mm SHAPE: FLAT DIAMETER: 350mm WEIGHT: 6.60kg 	15PW80WGSD/AFL CATCODE: PWQ159 TYPE: SD WIDTH: 80mm SHAPE: Wedge DIAMETER: 380mm WEIGHT: 6.85kg 	15PW80WGSF/AFL CATCODE: PWQ160 TYPE: SF WIDTH: 80mm SHAPE: Wedge DIAMETER: 380mm WEIGHT: 5.40kg 	15PW80WGSP/AFL CATCODE: PWQ161 TYPE: SP WIDTH: 80mm SHAPE: Wedge DIAMETER: 380mm WEIGHT: 6kg 
TYRE: 15PW100FLSF CENTRE: 15PWALFLCENTRE	TYRE: 15PW80WGSD CENTRE: 15PWALFLCENTRE	TYRE: 15PW80WGSF CENTRE: 15PWALFLCENTRE	TYRE: 15PW80WGSP CENTRE: 15PWALFLCENTRE

15"-16" Flange Bearing Press Wheels

<p>15PW80WGSS/AFL CATCODE: PWQ162</p> <p>TYPE: SS WIDTH: 80mm SHAPE: Wedge DIAMETER: 380mm WEIGHT: 6.80kg</p> <p>TYRE: 15PW80WGSS CENTRE: 15PWALFLCENTRE</p> 	<p>15PW90RDSD/AFL CATCODE: PWQ163</p> <p>TYPE: SD WIDTH: 90mm SHAPE: Round DIAMETER: 380mm WEIGHT: 7.80kg</p> <p>TYRE: 15PW90RDSD CENTRE: 15PWALFLCENTRE</p> 	<p>16PW70VCSP/AFL CATCODE: PWQ164</p> <p>TYPE: SP WIDTH: 70mm SHAPE: Vee/Dome DIAMETER: 410mm WEIGHT: 6.20kg</p> <p>TYRE: 16PW70VCSP CENTRE: 15PWALFLCENTRE</p> 	<p>16PW80WCSD/AFL CATCODE: PWQ165</p> <p>TYPE: SD WIDTH: 80mm SHAPE: Wedge DIAMETER: 410mm WEIGHT: 7.50kg</p> <p>TYRE: 16PW80WCSD CENTRE: 15PWALFLCENTRE</p> 
<p>16PW80WCSP/AFL CATCODE: PWQ166</p> <p>TYPE: SP WIDTH: 80mm SHAPE: Wedge DIAMETER: 410mm WEIGHT: 6.80kg</p> <p>TYRE: 16PW80WCSP CENTRE: 15PWALFLCENTRE</p> 	<p>16PW70VCSD/AFL CATCODE: PWQ167</p> <p>TYPE: SD WIDTH: 70mm SHAPE: Dome DIAMETER: 410mm WEIGHT: 6.80kg</p> <p>TYRE: 16PW70VCSD CENTRE: 15PWALFLCENTRE</p> 	<p>16PW100RCSP/AFL CATCODE: PWQ171</p> <p>TYPE: SF WIDTH: 100mm SHAPE: ROUND DIAMETER: 410mm WEIGHT: 6.80kg</p> <p>TYRE: 16PW100RCSP CENTRE: 15PWALFLCENTRE</p> 	<p>16PW100RCSP/AFL CATCODE: PWQ169</p> <p>TYPE: SP WIDTH: 100mm SHAPE: ROUND DIAMETER: 410mm WEIGHT: 7.40kg</p> <p>TYRE: 16PW100RCSP CENTRE: 15PWALFLCENTRE</p> 
<p>16PW100RCSS/AFL CATCODE: PWQ170</p> <p>TYPE: SS WIDTH: 100mm SHAPE: ROUND DIAMETER: 410mm WEIGHT: 9.50kg</p> <p>TYRE: 16PW100RCSS CENTRE: 15PWALFLCENTRE</p> 	<p>16PW130WGSP/AFL CATCODE: PWQ172</p> <p>TYPE: SP WIDTH: 130mm SHAPE: Wedge DIAMETER: 400mm WEIGHT:</p> <p>TYRE: 16PW130WGSP CENTRE: 15PWALFLCENTRE</p> 	<p>15PW140PRSP/AFL CATCODE: PWQ173</p> <p>TYPE: SP WIDTH: 140mm SHAPE: Paired Row DIAMETER: 380mm WEIGHT:</p> <p>TYRE: 15PW140PRSP CENTRE: 15PWALFLCENTRE</p> 	<p>15PW140PRSS/AFL CATCODE: PWQ174</p> <p>TYPE: SS WIDTH: 140mm SHAPE: Paired Row DIAMETER: 380mm WEIGHT:</p> <p>TYRE: 15PW140PRSS CENTRE: 15PWALFLCENTRE</p> 

SD = SOLID SP = SEMI PNEUMATIC SS = SEMI - SOLID SF = HI - FLEX

Note: 16" Tyres fit the same rim as the 15" Tyres

OEM COMPONENTS



Section 5



After Market & OEM Components

Manutec has a large range of press wheel, coulter and associated components available as both after market and replacements for original OEM components. Most components can be fitted with little or no modification to the original machinery. This section provides a summary only. More detail is available online at www.manutec.com.au or by calling us to discuss your needs. Please note the majority of Australian OEMs have now moved to AgriHub Press wheels.



Manutec can also design and rapidly prototype replacement parts for machinery where replacement parts may either be unavailable or unsuitable. Manutec's OEM range of parts is growing every year and all aftermarket OEM parts delivered are designed to perform better than the original part.



The following pages list the most common machines that Manutec has parts to suit. However, we have available parts that will suit most machines and if demand is high enough we will happily custom make new parts. Below is a full list in alphabetical order of machine brands that we have fitted Manutec parts to:

AFM	EQUALIZER	JOHN DEERE	RFM
AGPRO	EZEE-ON	JOHN SHEARER	ROOT BOOT
AGRO DRILL	FLEXICOIL	JUMANA ENGINEERING	RW ENGINEERING
ALPHADISC	FORWARD FARMING	K-HART	SA BAR
ARP	GARNELLE	KNUCKEYS	SEED STORM
AUSPLOW	GASON	MARK HUDSON ENGINEERING	SEED HAWK
AUSTIL	GESSNER INDUSTRIES	MOOSE INDUSTRIES	SERAFIN MACHINERY
BARTON	GOLDEN VALLEY IMPLEMENTS	MORRIS	SOW EZY
BOURGAULT	GRAYTILL	MULTI-PLANTER	SHARMAN
BRYEMAX	GRIZZLY	NAMOI VALLEY IMPLIMENTS	SIMPLICITY
CASE (CNH)	GYRAL	NDF	SMALE FARM EQUIPMENT
CLOUGH ENGINEERING	HODGE INDUSTRIES	NEW HOLLAND	STILETTO
CONSERVAPAK	HOMAN	OPAL ENGINEERING	STUBBLE KING
DAVEY GROUP	HORWOOD BAGSHAW	OPTI AG SYSTEMS	SUSTAIN AG
DAVIMAC	HORSCH	PHILLBOURNE MANUFACTURING	TILCO
DAYBREAK	INTERNATIONAL	PHM	TOOWOOMBA ENGINEERING
DBS	JADAN	PMD AUSTRALIA	WILLIAMS SEEDERS
DELISLE ENGINEERING	JANKE	PRIMARY SALES	WYALONG MACHINERY
DUNCAN			

John Deere

Manutec has available a range of parts that are compatible with John Deere machines.

Note: Model numbers also apply to other older and newer compatible models.

MODEL JD1860, 1890 SERIES AND OTHER COMPATIBLE MACHINES

- | | |
|-----------------|--|
| JD1860-110 | - Spoked 110mm Gauge Wheel with inbuilt Steel Scraper |
| JD1890-80 | - Spoked 80mm Gauge Wheel with inbuilt Steel Scraper |
| 16PW103GLSS/AHT | - Spoked 103mm gauge wheel, inbuilt scraper, increased clearance |

(See Section 4)

MODEL JD1730 SERIES MAXEMERGE AND COMPATIBLE MACHINES

- | | |
|------------|---|
| JD1730-110 | - Spoked 110mm Gauge Wheel with hardened Rubber Lip |
|------------|---|

MODEL JD1870 AIR DRILLS (Standard Tyre)

- | | |
|-------------------|-------------------|
| 16PW80WCSP/JD-HT | 16PW70VCSP/JD-HT |
| 16PW80WCSD/JD-HT | 16PW70VCSD/JD-HT |
| 16PW100RCSP/JD-HT | 15PW110WGSP/JD-HT |
| 15PW90RDS/JD-HT | 15PW110WGS/JD-HT |

MODEL JD1870 AIR DRILLS (High Sidewall Tyre)

- | | |
|-------------------|-------------------|
| 16PW120RDS/JD-HT | 16PW120WGSP/JD-HT |
| 16PW120RDSF/JD-HT | 16PW120WGSF/JD-HT |
| 16PW120RDSS/JD-HT | 16PW120WGSS/JD-HT |
| 16PW120FLSP/JD-HT | 16PW120PRSP/JD-HT |
| 16PW120FLSS/JD-HT | 16PW120PRSS/JD-HT |

MODEL JD AIR HOE DRILL 1830, 1820

21PW100GFSD & 21PW80GFSD - 100mm & 80mm Replacement tyres for JD1830, JD1820 and complete gang refurbishment kit.

OLD MODELS (Conventional Seeders)

Full Press Wheel & Coulter Assemblies including:

- Walking Wheels
- Inframe Assemblies
- Gangs
- Single Assemblies



Bourgault

BOURGAULT MODEL 5710/5810

AIR HOE DRILL CONVERSION - See Section 1

BOURGAULT MODEL 3720

MUDRAZOR gauge wheels with in built scraper system

GANG CONVERSIONS (MODEL 8810/8910)

BOURGAULT GANGS - See Section 1

to convert gangs on 8810/8910 floating hitch seeders
(Also available wheel only conversions that utilise existing Bourgault gang axles, bearings and frames)

BOURGAULT MODEL 5710/5810

Replacement Hoe Drill Tyres, 3" & 4" to suit Bourgault 5710/5810 Hoe Drills (22PW80GFSD, 22PW100GFSD)
Complete gang refurbishment kit, that include new wheels, axle and bearings

BOURGAULT MODEL 8810/8910

COMPLETE PRESS WHEEL SYSTEMS - See Section 1
After market to suit 8810/8910 floating hitch seeders

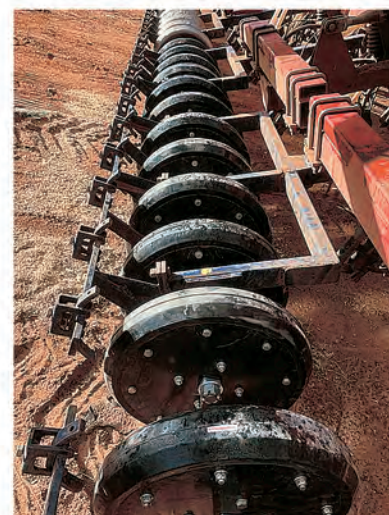
BOURGAULT MODEL 8810/8910

COMPLETE COULTER SYSTEMS - FLOATING HITCH SEEDERS
- See Section 2 to suit 8810/8910

BOURGAULT MODEL 3320/3420

PARALLELOGRAM WHEELS - See Section 4
to suit Bourgault 3320/3420 Paralink drills

Note: Model numbers also apply to other older and newer compatible models.
Other options available using standard Manutec 15" and 16" wheels see Section 4



Flexi-Coil

MODEL ST820

ST820 & Compatible models (Inc. New Holland & Case) gang conversions and complete gangs, to suit 7.2", 9", 10" and 12" spacings. See Section 1 for complete gangs and for gang conversions.

MODEL ST820 PRESS WHEELS

Manutec also offers a range of other press wheel systems to suit the ST820. See Section 1

Options include:

- Walking Wheels
- Single Swivel
- Inframe Press Wheels
- Tyne Mounted Press Wheels

MODEL ST820 COULTERS -STANDARD

A range of Heavy and Medium Duty Spring Coulters are available, See Section 2

MODEL 5000/5500 HOE DRILL

Replacement 3" and 4" tyres to suit
22PW80GFSD
22PW100GFSD

MODEL 5000/5500 HOE DRILL

Air Hoe Drill Gang Conversions that include new wheels axles and bearings
See Section 1

MODEL PD5700 PRECISION AIR DRILL

Replacement Parallelogram Wheels
AgriHub Conversion
See Section 4

Other options available using standard Manutec 15" and 16" wheels. See Section 4



MORRIS

- Replacement Parallelogram Wheels
- Complete Press Wheel Systems
- Gang Conversions
- Complete Coulter Systems
- Air Hoe Drill Conversions

MODELS C1/C2/CX8105/QUANTUM

Replacement Parallelogram wheels, AgriHub conversion also available.
See Section 4

MODEL MAXIM II

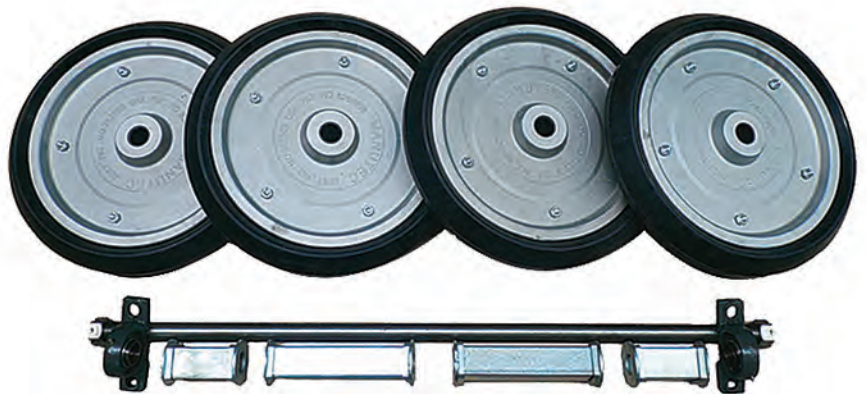
Air Hoe Drill Gang Conversions
See Section 1

MODEL RAZOR

Replacement MUDRAZOR gauge wheels with in built scraper

MORRIS CONCEPT 2000

- Gang Conversion
 - Complete Press Wheel Systems
 - Complete Coulter Systems
- See Section 1



Horwood Bagshaw

A range of Press Wheels and Tyres are available to suit the Horwood PSS machines. Aftermarket press wheel and coulter systems are available to suit Scaribars and Compact seeders.

SCARIBAR & COMPACT SEEDERS

- Walking Beam Press Wheels
- Gang Press Wheels
- Individual Press Wheels
- Twin & Single Coulters

See Section 1

PSS

PRESS WHEELS (AGRIHUB VERSION) (2020- Present)

15PW80WGSP/HBSACOMP
15PW100FLSP/HBSACOMP
15PW75RDSP/HBSACOMP

AGRIHUB (2017-2019)

PWHUB/SAH , PWHUB/AH5
& PWAXLE/HBSAH

PRESS WHEELS (Old Model) 2004-2020

15PW80WGSP/HB 15PW100FLSP/HB
15PW80WGSF/HB 15PW75RDSP/HB
15PWALIHCENTRE PWAXLE/HB

AgriHub conversions available for older model wheels

SEALS

PWMARSEAL (Old seal)
MSAHD (New seal)

TYRES

15PW80WGSP 15PW80WGSF
15PW80WGSS 15PW80WGSD
15PW100FLSP 15PW75RDSP
(For other tyre options see Section 6)

BEARINGS

PWIHBNGSEALSETHD MLMA-J

MISC

PWDUSTCAP DUSTCAPCLIPS



Gason

A range of Press Wheels, Tyres and Coulter Discs are available to suit the Scaritill, Hydratill and Paramax Aftermarket Press Wheel and Coulter Systems are available to suit other GASON machines.

CENTRES

15PWALGACENTRE
15PWALHTCENTRE
15PWALIHCENTRE
18PWALIHCENTRE



TYRES

15PW80WGSP
15PW80WGSS
15PW80WGSD
15PW55WGSD
15PW55WGSP
15PW55FLSP
15PW55FLSD
18PW55WGSP
18PW80WGSP

(For other tyre options see Section 6)



PRESS WHEELS (before 2021)

(Does not include axle)

15PW55WGSD/AI
15PW80WGSP/AI
15PW55WGSP/AI
15PW80WGSD/AI
15PW55FLSP/AI
15PW55FLSD/AI
18PW55WGSP/AI
18PW80WGSP/AI

(for other options see section 4)

AgriHub conversions available for older model wheels



SEALS

PWMARSEAL
MSAHD

BEARING SEAL SETS

PWIHBNGSEALSET
PWIHBSEALSET-MS (PRE 2012)
MLMA-J
PWDUSTCAP

NEW MODEL WHEELS(POST 2021)

PRESS WHEELS (AGRIHUB TYRE AND RIM)

(Does not include axle)

15PW80WGSP/SAH
15PW80WGSS/SAH
15PW80WGSD/SAH
15PW55WGSP/SAH
15PW55WGSD/SAH
15PW55FLSP/SAH
15PW55FLSD/SAH

(for other options see section 4)

PRESS WHEELS (NO AGRIHUB)

(Rim and Tyre only)

15PW80WGSP/AHT
15PW80WGSS/AHT
15PW80WGSD/AHT
15PW55WGSP/AHT
15PW55WGSD/AHT
15PW55FLSP/AHT
15PW55FLSD/AHT

(for other options see section 4)



HUBS

PWHUB/AHSA (AgriHub)
HUB-5203A (hub to suit 16mm bearing)
PWBNG/165B-HD (16mm Bearing)
JDBUSH1870-24
JDGUARD1870-31
JDGUARD1870-53

CENTRE

15PWALHTCENTRE



COULTER DISC

CD18XWHT-GA (Cross wave)
CD18PLHT-GA (Plain Double Bevel)
CDDRUM12X3
CDDRUM12X3-GA

Full press wheel and coulter systems available for
Conventional Gason Seeders
Walking Beam Press Wheels
Gang Press Wheels
Tyne Mounted Press Wheels
Individual Press Wheels
Coulter Assemblies

OEM Components

JOHN SHEARER

A range of Press Wheels, Tyres and Discs are available to suit the Shearer Pasture Drills Aftermarket Press Wheel and coulter systems are available to suit trash-workers seeder bars and cultivators.



See Section 1 for more information on full assembly options

PASTURE DRILLS (Pre 2020)

15PW80WGSS/AI	15PW80WGSS
15PWALIHCENTRE	PWIHBNGSEALSET
DDO-PLDISC (Pre 2018)	PWDUSTCAP
DDO-SCDISC (Pre 2018)	DUSTCAPCLIPS
MSAHD (SEAL)	PWOCAPIH



TRASHWORKERS/CHISEL PLOUGH/UNIVERSAL /5160/4150/TRASHCULTI DRILL/ COMBINES

- Walking Wheel Press Wheels
 - Individual Press Wheels
 - Twin & Single Coulters
- Note: Spacings down to 5"



Seeders (new range 2022)

- 15PW110WGSD/SAH
- 15PW110WGSD

ALPHA DISC

Manutec carries both the original OEM disc and OEM wheel components plus a range of aftermarket parts that can be used on the Alpha Disc as circumstances may require.

DISCS

- CD18ALPHADISC-4mm
- CD18ALPHADISC-5mm
- PWHUB/AH-HT
- PWNUT/M22X1.5
- PWSW-7/8(1/4XX7/32)
- BOLTM12X1.25X20
- PFWW-M12
- Dc-NSK

PRESS WHEELS

- ALPHATYRESP/HT
- ALPHAWAVESP/HT
- ALPHATYRE-SP
- ALPHATYRE-SS
- ALPHATYRE-WVSP
- ALPHAWHLBUSH3.0
- 13PWALHTCENTRE
- BOLTM12X1.25X25
- PFWW-M12
- PWHUB/AHSA
- PWSHI-5HT-INT
- PWSW-20MM
- BOLTM20X75
- WASHER20MM
- DC-PEER



COMPLETE UNIT

- ALPHADH-LEFT2.0
- ALPHADH-RIGHT2.0



PRE 2021 MODELS

- 13PW75FLSS
 - 13PW75FLSP
 - 13PW75FLSP/AHT
 - CD18FHT
 - JDHUB-5203S
- (PLEASE CALL FOR OTHER PARTS)

OEM Components - Other Manufacturers

AUSTIL/SIMPLICITY

Replacement Press Wheels, Gauge Wheels, Discs and Tyres are available to suit AUSTIL machines.

See section 4 for more information on gauge wheels.

PRESS WHEELS

15PW80WGSS/AISQ
15PWALIHCENTRE
15PW80WGSS
MSAHD
MLMA-J
PWMARSEAL
MSAHD

See sections 4 and 6 for more information on wheel and tyre options.
AgriHub conversions available

GAUGE WHEELS

16PW110GSSD/AHT
16PW110GSSD/ASP



SEED HAWK

Manutec has available wheels that can be substituted for the SEED HAWK wheel.

PRESS WHEELS (Narrow)

16PW100RCSP/AHT
16PW100RCSS/AHT

PRESS WHEELS (High Sidewall)

16PW120RDSP/AHT
16PW120RDSS/AHT
16PW120FLSP/AHT
16PW120FLSS/AHT
16PW120PRSP/AHT
16PW120PRSS/AHT
16PW120WGSP/AHT
16PW120WGSS/AHT
16PW120VESS/AHT



GESSNER INDUSTRIES

Replacement Press Wheels and Tyres are available to suit GESSNER INDUSTRIES assemblies.

PRESS WHEELS (SECTION 4)

18PW55FLSP/AIRD
18PW55WGSP/AIRD
18PW55WGSS/AIRD
15PW80WGSP/AIRD
15PW80WGSS/AIRD
18PW55FLSP
18PW55WGSP
15PW80WGSP
15PW80WGSS
15PWALIHCENTRE
18PWALIHCENTRE



PRESS WHEELS (SECTION 4)

(NEW MODELS) (POST 2020)
16PW120RDSS/AHT
16PW120RDSS
16PWALHTCENTRE
18PW55FLSP/GESSACOMP (AGRIHUB)

The above are standard as fitted to the original spec. other options available to suit different seeding conditions

SEALS (SECTION 7)

PWMARSEAL (PRE 2012)
MSAHD

BEARING SETS (SECTION 7)

PWIHBNGSEALSET
PWIHBSEALSET-MS (PRE 2012)
MLMA-J
PWDUSTCAP
PWDUSTCAPCLIPS

AgriHub conversions available for older model Gessner presswheels

Manutec 15" tyres are also compatible with gesser land-master presswheels

OEM Components - Other Manufacturers

CONSERVAPAK (ORIGINAL)

Replacement Press Wheels and Tyres are available to suit CONSERVAPAK machines.

PRESS WHEELS OLD MODEL (Section 4)

16PW80WCSP/ACSB 16PW80WCSD/ACSB
16PW70VCSP/ACSB 16PW100RCSP/ACSB

See Section 6 for more information on tyre options and Section 4 for other wheel options. For John Deere 1870 see page 2 of this section.

PRESS WHEELS NEW MODEL (Section 4)

(can be easily retro-Fitted to Conservapak seeders)

16PW80WCSP/JD-HT 16PW80WCSD/JD-HT
16PW70VCSP/JD-HT 16PW100RCSP/JD-HT
16PW100RDSD/JD-HT PWJDCP-AXLEBOLT

TYRES (Section 6)

16PW80WCSP 16PW80WCSD
16PW70VCSP 16PW70VCSD
16PW100RCSP 16PW100RDSD

HUBS/ BEARINGS

PWBNG/25SB-J
HUB-5203A
PWBNG/16SB-HD



Note: All Manutec 15" and 16" tyre options can be fitted to Conservapak rims see section 6 for more information.



MANUTEC AGPRO-PHM (STUBBLE KING)

A range of spare parts are available to suit AGPRO-PHM machines.

- Discs
- Springs
- Hubs
- Wheels
- Spare Parts



See Section 3 for more information on the full range of parts available.

DISCS (Section 8)

DDO-PLDISC
DDO-SCDISC

PRESS WHEEL SPARES (SECTION 4& 7)

13PW48STL16
13PW48SRSD
PWBNG/16SB-HD
13PWALHTCENTRE
13PW25FLSP



Replacement Seed Meters and internal part

SPARES (Pre 2020)

DDO-LTS	DDO-DBHUB
DDO-SBHUB	DDO-HUBSEAL
DDO-WOTHREAD	DDO-205KRP2
DDO-LH3/4X2UNF	DDO-RH3/4X2UNF
DDO-SC	DDO-SF
DDO-LTS-SIB	DDO-SPRING
DDO-HDSPRING	DDO-PLASPARTS
DDO-SEEDDIST	DDO-HANDLE (OLD)

SPARES (POST2020)(SECTION 3)

HUB-5203A
DDO-HANDLE



OEM Components - Other Manufacturers

MULTI-PLANTER

Replacement Press Wheels and Tyres are available to suit MULTI-PLANTER machines.

PRESS WHEELS (PRE 2021)

18PW55FLSP/AIRD
18PW55FLSP
18PWALHCENTRE (1)
18PW80WGSP



SEALS

PWMARSEAL (PRE 2012)
MSAHD
See Section 4 for more information on wheel and tyre options

BEARING SETS

MLMA-J
PWDUSTCAP
PWDUSTCAPCLIPS

AGRIHUB WHEELS POST 2021

18PW55FLSP/MFS 18PW55FLSP
18PWALHTCENTRE PWHUB/AHSA



See Section 4 for more information on wheel and tyre options

Note 1: Some older machines may have 5 stud HT centres & HT Hubs.

KNUCKEYS

Replacement Press Wheels, Tyres and Discs are available to suit KNUCKEYS machines.

18PW80WGSP/AIRD
18PWALHCENTRE
18PW80WGSP
18PW80WGSP/AIRD
18PW55FLSP/AIRD
18PW100FLSP
18PW55FLSP

See Section 4 for more information on wheel and tyre options

SEAL

PWMARSEAL(PRE 2012)
MSAHD



BEARING SETS

MLMA-J PWDUSTCAPCLIPS
PWDUSTCAP

AGRIHUB WHEELS(POST 2020)

18PW80WGSP/KNU 18PW80WGSP
18PWALHTCENTRE PWHUB/AHSA

COULTER DISCS

CD18FHT
CD18THT



See Section 4 for more information on wheel and tyre options

OEM Components - Other Manufacturers

HORSCH

AgriHub Conversion

16PW120RDSP/HORSCH

16PW120RDSS/HORSCH

other tyre options available

there are two versions of Horsch wheels with different axle dimensions. please call for advice.

EQUALIZER

Wheel (Direct Fit)

15PW80WGSP/EQ

15PW80WGSF/EQ

15PW100FLSS/EQ

15PW110WGSD/EQ

15PW80FLSP/EQ

15PW80WGSS/EQ

Other tyre options available

ROOT BOOT

AGRIHUB WHEELS

15PW110WGSD/AH5

15PW110WGSD

15PWALSHCENTRE

PWHUB/AH5

DISCS

CD20SB6-AH5/CD20SB8-AH5

PWHUB/AH5

SOW-EZY

Replacement Press Wheels, Tyres and Hubs are available to suit SOW-EZY machines.

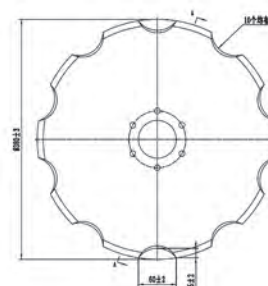
DISC

DDO-PLEZY

DDO-SCEZY

DDO-EZYHUB

DDO- EZYSCRAPER



WILLIAMS SEEDERS

WHEELS

15PW90RDSA/AI (PRE 2019)

15PW90RDSH/HBSA (POST 2019)

SEAL-MSAHD (PRE 2019)

BEARINGS-MLMA-J(PRE 2019)

HUB-PWHUB/AHSA (POST 2019)

For framework and axles please call Manutec.

WHEELS

15PW80WGSS/AIRD

15PW80WGSS

15PWALIHCENTRE

MLMA-J

PWMARSEAL

See Section 3 for more information

SOW-EZY wheels can be upgraded to new seals (MSAHD) and also to Agrihubs.

15PW80WGSS/EZYSACOMP

Please call to discuss



OEM Components - Other Manufacturers

DAY BREAK

Replacement Press Wheels, Discs, Gauge Wheels and Tyres are available to suit DAYBREAK machines.

WHEELS

15PW80WGSS/AI
18PW100GASD/AI
15PW80WGSS
18PW100GASD
15PWALIHCENTRE
18PWALIHCENTRE
24PW125GASP/AHT



SEALS

PWMARSEAL (PRE 2012)
MSAHD

BEARING SEAL SETS

PWIHBNGSEALSET
PWIHBSEALSET-MS (PRE 2012)
MLMA-J
PWDUSTCAP

DISCS

24" & 26" PLAIN DISCS
CD24SBP-4X127
CD24SBP-4X127

SEEDSTORM

13PW145FWSP-100/ASBC
13PW145FWSF-100/ASBC
13PW75FWSP/ASBC
11PW115RDSS/ASBC

TYRES

13PW145FWSP-100
13PW145FWSF-100
13PW75FWSP
11PW115RDSS

MOOSE INDUSTRIES

Replacement Press Wheels, Tyres and discs are available to suit MOOSE INDUSTRIES assemblies.

15PWALIHCENTRE
15PW80WGSP/AIRD6
15PW80WGSP
15PW80WGSD
PWAXLE/IH6RDSL
PWIHBNG SEAL SET
MLMA-J
MSAHD
PWOCAPIH



See Section 4 for more information on wheel and tyre options

ASSEMBLY PARTS (SECTION 1)

PWSRMNTOP
PWSRMNTROD
PWSRMNTSPRING
PWSRMNTBUSHSET

COULTER DISC (SECTION 8)

CD18FHT
CD18DBPHT
PWOCAP/HT60
CD18THT
CD18STHT
AgriHub conversions available

Zero maintenance upgrades

Most older press wheels made by either Australian or overseas manufactures can be converted to the updated zero maintenance AgriHub presswheels. Contact Manutec for more information.



OEM Components - Other Manufacturers

HODGE INDUSTRIES

For range of tyres and discs see Section 6 and 8

- 15PW80WGSS/AIRD
- 15PW80WGSD/AIRD
- 15PW100FLSP/AIRD

TOOWOOMBA

ENGINEERING

Replacement Press Wheels and Tyres are available to suit TOOWOOMBA ENGINEERING machines.

SERAFIN

Gauge wheels and Closer wheels



16PW103GLSS/AHT



10PW25DOSSD

HOMAN

Replacement Press Wheels and Tyres are available to suit HOMAN machines.

- 16PW80WGSD/AIRD
 - 15PWALIHCENTRE (OLD)
 - 16PW80WGSD
- See Section 6 for tyres



DBS

Replacement tyres available for working in heavy soils (Hi-Flex) and also for split row & spreadrow seeding.

- | | |
|-----------------|-----------------|
| 11PW50FLSF | 11PW115RDSS |
| 12PW135RDSP | 13PW75FWSP |
| 13PW145FWSP-100 | 13PW145FWSF-100 |

Manutec tyres will fit directly on to DBS rims complete replacement wheels also available for DBS.(see section 4)

DUNCAN

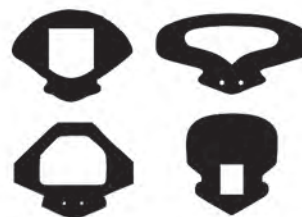
Replacement Press Wheels, Tyres and discs are available to suit DUNCAN machines.

- 15PW80WGSD/ASBNZ
- 15PW80WGSD
- 13PW48STL16
- DDO-PLEZY
- DDO-SCEZY



PRIMARY SALES

Replacement tyres are available to suit some PRIMARY SALES rims.



See Section 6 For Tyres

NDF

A range of Press Wheels, Gauge Wheels and Tyres are available to suit pre 2007 model NDF planters.

WHEELS

- 15PW80WGSS/AIRD6
- 18PW100GASD/AIRD

See Section 6 for more information on tyres

DAVEY-AFM

Replacement Press Wheels, Tyres and discs are available to suit DAVEY-AFM machines.



OEM Components - Other Manufacturers

JANKE

Manutec has available replacement wheels that can be used as a substitute for the JANKE HT and Flange Wheels



JADAN

- Wheels to suit (older models)
- Tyres to suit

15PW80WGSP/AIRD6
15PW55WGSP/AIRD6
15PW80WGSP
15PW55WGSP



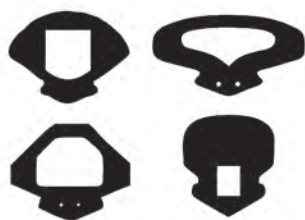
EZEE-ON

- Complete Press wheel Systems
- Gang Conversions
- Complete Coultter Systems



ARP

Replacement tyres are available to suit ARP rims.



See Section 6

SHARMAN

Replacement Press Wheels & Tyres are available to suit older model SHARMAN assemblies gang and walking wheel assemblies.

15PW80WGSD/AIRD (Walking Wheels)
15PW80WGSD/ANB (Gangs)

See Section 4 for more information on wheel and tyre options



GARNELLE/BRYEMAX

Replacement Press Wheels and Tyres are available to suit GARNELLE/BRYEMAX assemblies.

15PW80WGSP/AIRD6
15PW55WGSP/AIRD6
15PWALIHCENTRE



Older models may have HT pattern wheels.

DAVIMAC

Replacement Press Wheels and Tyres are available to suit older model DAVIMAC machines.



SUSTAIN AG

Replacement Press Wheels and Tyres are available to suit SUSTAIN AG machines.

K-HART

Replacement 5/8 bearing centre press wheels are available to suit K-Hart disc openers

PRESS WHEEL TYRES



Section 6



15" Semi-Pneumatic & Hi-Flex (Nominal) Fits 11.4" Rim

FITS 290mm (11.4") RIM SD = SOLID SP = SEMI PNEUMATIC SS = SEMI - SOLID SF = HI - FLEX	15PW55WGSP CATCODE: PWT023 TYPE: SP WIDTH: 55mm SHAPE: Wedge DIAMETER: 380mm WEIGHT: 2.24kg	15PW55FLSP CATCODE: PWT021 TYPE: SP WIDTH: 55mm SHAPE: Flat DIAMETER: 335mm WEIGHT: 1.85kg	15PW55DOSP CATCODE: PWT019 TYPE: SP WIDTH: 55mm SHAPE: Dome DIAMETER: 380mm WEIGHT: 2.75kg	
	15PW75RDSP CATCODE: PWT025 TYPE: SP WIDTH: 75mm SHAPE: Round DIAMETER: 370mm WEIGHT: 3kg	15PW80FLSP CATCODE: PWT026 TYPE: SP WIDTH: 80mm SHAPE: Flat DIAMETER: 340mm WEIGHT: 2.85kg	15PW80WGSP CATCODE: PWT030 TYPE: SP WIDTH: 80mm SHAPE: Wedge DIAMETER: 380mm WEIGHT: 3.15kg	15PW80WGSF CATCODE: PWT029 TYPE: SF WIDTH: 80mm SHAPE: Wedge DIAMETER: 380mm WEIGHT: 2.60kg
	15PW100FLSP CATCODE: PWT013 TYPE: SP WIDTH: 100mm SHAPE: Flat DIAMETER: 360mm WEIGHT: 3.80kg	15PW110WGSP CATCODE: PWT016 TYPE: SP WIDTH: 110mm SHAPE: Wedge DIAMETER: 380mm WEIGHT: 4kg	15PW100FLSF CATCODE: PWT068 TYPE: SF WIDTH: 100mm SHAPE: FLAT DIAMETER: 340mm WEIGHT: 3.80kg	15PW140PRSP CATCODE: PWT 120 TYPE: SP WIDTH: 140mm SHAPE: PAIRED ROW DIAMETER: 380mm WEIGHT: 5.5kg

15" Solid & Semi-Solid (Nominal) Fits 11.4" Rim

15PW55WGSD CATCODE: PWT022 TYPE: SD WIDTH: 55mm SHAPE: Wedge DIAMETER: 380mm WEIGHT: 3.25kg	15PW55FLSD CATCODE: PWT020 TYPE: SD WIDTH: 55mm SHAPE: Flat DIAMETER: 345mm WEIGHT: 3.95kg	15PW70VESD CATCODE: PWT024 TYPE: SD WIDTH: 70mm SHAPE: Vee DIAMETER: 380mm WEIGHT: 4.5kg	15PW140PRSS CATCODE: PW T121 TYPE: SS WIDTH: 140mm SHAPE: paired row DIAMETER: 380mm WEIGHT: 6.0kg
15PW80WGSD CATCODE: PWT028 TYPE: SD WIDTH: 80mm SHAPE: Wedge DIAMETER: 380mm WEIGHT: 4.10kg	15PW80WGSS CATCODE: PWT031 TYPE: SS WIDTH: 80mm SHAPE: Wedge DIAMETER: 380mm WEIGHT: 4kg	15PW90RDSD CATCODE: PWT033 TYPE: SD WIDTH: 90mm SHAPE: Round DIAMETER: 385mm WEIGHT: 5.2kg	15PW100FLSD CATCODE: PWT012 TYPE: SD WIDTH: 100mm SHAPE: Flat DIAMETER: 360mm WEIGHT: 4.80kg
15PW100FLSS CATCODE: PWT014 TYPE: SS WIDTH: 100mm SHAPE: Flat DIAMETER: 360mm WEIGHT: 4.80kg	15PW110WGSD CATCODE: PWT015 TYPE: SD WIDTH: 110mm SHAPE: Wedge DIAMETER: 380mm WEIGHT: 5.25kg	15PW150WGSS CATCODE: PWT085 TYPE: SS WIDTH: 150mm SHAPE: Winged Wedge DIAMETER: 381mm WEIGHT: 6.25kg	15PW150FWSS CATCODE: PWT084 TYPE: SS WIDTH: 150mm SHAPE: Winged Wedge DIAMETER: 381mm WEIGHT: 6.10kg

16" Semi-Pneumatic & Solid (Nominal) Fits 11.4" Rim

16PW70VCSD

CATCODE: PWT037



TYPE: SD
 WIDTH: 70mm
 SHAPE: Vee/Dome
 DIAMETER: 405mm
 WEIGHT: 4.00kg

16PW70VCSP

CATCODE: PWT038



TYPE: SP
 WIDTH: 70mm
 SHAPE: Vee/Dome
 DIAMETER: 405mm
 WEIGHT: 3.40kg

16PW80WCSD

CATCODE: PWT039



TYPE: SD
 WIDTH: 80mm
 SHAPE: Wedge
 DIAMETER: 405mm
 WEIGHT: 4.65kg

16PW80WCSP

CATCODE: PWT040



TYPE: SP
 WIDTH: 80mm
 SHAPE: Wedge
 DIAMETER: 405mm
 WEIGHT: 4kg

16PW100RCSP

CATCODE: PWT067



TYPE: SP
 WIDTH: 100mm
 SHAPE: ROUND
 DIAMETER: 400mm
 WEIGHT: 4.60kg

16PW100RCSF

CATCODE: PWT059



TYPE: SF
 WIDTH: 100mm
 SHAPE: ROUND
 DIAMETER: 400mm
 WEIGHT: 4kg

16PW100RCSS

CATCODE: PWT058



TYPE: SS
 WIDTH: 100mm
 SHAPE: ROUND
 DIAMETER: 400mm
 WEIGHT: 6.70kg

16PW130WGSP

CATCODE: PWT101



TYPE: SP
 WIDTH: 130mm
 SHAPE: WEDGE
 DIAMETER: 400mm
 WEIGHT: 5kg

SD = SOLID SP = SEMI PNEUMATIC SS = SEMI - SOLID SF = HI - FLEX

How to measure a 16" tyre



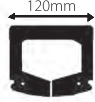

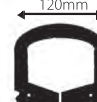

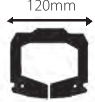
NOTE: Manutec tyres can also be fitted to the following OEM rims: (see OEM section)

• ARP • Gessner/Walker • Primary Sales* • Sharman • Jadan • NDF

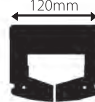







*For Primary Sales rims an additional ring insert is required

The above OEM tyres are designed to fit directly to the original equipment rims. The Manutec tyres are not exactly the same shape or composition as the original tyres as the Manutec tyres have been designed to solve particular problems or to provide additional capability.


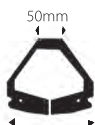
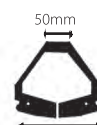
16" Semi-Pneumatic High Sidewall Parallelogram Tyres (Fits 9.4" rim) Wet Seeding Tyres, use with reduced pressure

<p>16PW120FLSP CATCODE: PWT075</p>  <p>TYPE: SP WIDTH: 120mm SHAPE: FLAT DIAMETER: 410mm WEIGHT: 6.3kg</p>	<p>16PW140RDSP CATCODE: PWT076</p>  <p>TYPE: SP WIDTH: 140mm SHAPE: ROUND DIAMETER: 390mm WEIGHT: 6.3kg</p>	<p>16PW120RDSP CATCODE: PWT077</p>  <p>TYPE: SP WIDTH: 120mm SHAPE: ROUND DIAMETER: 390mm WEIGHT: 5.85kg</p>	<p>16PW120WGSP CATCODE: PWT078</p>  <p>TYPE: SP WIDTH: 120mm SHAPE: WEDGE DIAMETER: 410mm WEIGHT: 6.2kg</p>
<p>16PW120PRSP CATCODE: PWT079</p>  <p>TYPE: SP WIDTH: 120mm SHAPE: PAIRED ROW DIAMETER: 410mm WEIGHT: 6.3kg</p>	<p>When used with the Manutec 9.4" aluminium rim these tyres can be used on Morris C1/C2, Flexicoil PD5700, Bourgault 3320/3420 and Seedhawk seed drills. the wheels be fitted to the John Deere 1870 (ConservaPak) when used with Manutec hub system. the wheels can be fitted to the Horsh sprinter when used with the Manutec AgriHubs and axle. These tyres are also used on Gessner machines.</p>		

16" Semi-Solid High Sidewall Parallelogram Tyres (Fits 9.4" rim) Dry Seeding Tyres












<p>16PW120FLSS CATCODE: PWT102</p>  <p>TYPE: SS WIDTH: 120mm SHAPE: FLAT DIAMETER: 410mm WEIGHT: 5.9kg</p>	<p>16PW120PRSS CATCODE: PWT096</p>  <p>TYPE: SS WIDTH: 120mm SHAPE: FLAT DIAMETER: 406mm WEIGHT: 11.05kg</p>	<p>16PW120RDSS CATCODE: PWT094</p>  <p>TYPE: SS WIDTH: 120mm SHAPE: ROUND DIAMETER: 390mm WEIGHT: 7.45kg</p>	<p>16PW120WGSS CATCODE: PWT098</p>  <p>TYPE: SS WIDTH: 120mm SHAPE: WEDGE DIAMETER: 410mm WEIGHT: 7.7kg</p>
<p>16PW120VESS CATCODE: PWT095</p>  <p>TYPE: SS WIDTH: 120mm SHAPE: 15mm V tip DIAMETER: 410mm WEIGHT: 7.5kg</p>	<p>17PW120RDSD CATCODE: PWT100</p>  <p>TYPE: SS WIDTH: 120mm SHAPE: ROUND DIAMETER: 430mm WEIGHT: 10.45kg</p>	<p>16PW140RDSS CATCODE: PWT099</p>  <p>TYPE: SS WIDTH: 140mm SHAPE: ROUND DIAMETER: 390mm WEIGHT: 9.1kg</p>	<p>17PW120RDSS CATCODE: PWT105</p>  <p>TYPE: SS WIDTH: 120mm SHAPE: ROUND DIAMETER: 430mm WEIGHT: 10.45kg</p>

16" Hi-Flex High Sidewall Parallelogram Tyres (Fits 9.4" rim)

<p>16PW120RDSF CATCODE: PWT106</p>  <p>TYPE: SF WIDTH: 120mm SHAPE: Round DIAMETER: 390mm WEIGHT: 5.5kg</p>	<p>16PW120WGSF CATCODE: PWT107</p>  <p>TYPE: SF WIDTH: 120mm SHAPE: WEDGE DIAMETER: 410mm WEIGHT: 5.9kg</p>	<p>16PW120WGSF-12MM CATCODE: PWT126</p>  <p>TYPE: SF WIDTH: 120mm SHAPE: WEDGE DIAMETER: 410mm WEIGHT: 5.9kg</p>	<p>Note: The Hi-Flex Tyres are not Suitable for use in High Pressure seeding. contact us today if you want to order these tyres.</p>
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SD = SOLID SP = SEMI PNEUMATIC SS = SEMI - SOLID SF = HI - FLEX

Gauge Wheel Tyres

<p>15PW115GBSD CATCODE: PWT017</p> <p>Fits A/B TYPE: SD WIDTH: 115mm SHAPE: Gauge Banked DIAMETER: 385mm WEIGHT: 6.02kg</p> 	<p>15PW115GLSD CATCODE: PWT018</p> <p>Fits A/B TYPE: SD WIDTH: 115mm SHAPE: Gauge Lip DIAMETER: 400mm WEIGHT: 6.18kg</p> 	<p>16PW110GLSD CATCODE: PWT034</p> <p>Fits A/B TYPE: SD WIDTH: 110mm SHAPE: Gauge Lip DIAMETER: 420mm WEIGHT: 6.90kg</p> 	<p>16PW110GLSP CATCODE: PWT035</p> <p>Fits A/B TYPE: SP WIDTH: 110mm SHAPE: Gauge Lip DIAMETER: 420mm WEIGHT: 4.45kg</p> 
<p>16PW110GSSD CATCODE: PWT036</p> <p>MUD RAZOR</p> <p>Fits A/B TYPE: SD (Steel Band) WIDTH: 110mm SHAPE: Gauge Lip (Steel) DIAMETER: 420mm WEIGHT: 8.15kg</p> 	<p>18PW100GASD CATCODE: PWT045</p> <p>Fits C/D TYPE: SD WIDTH: 100mm SHAPE: Gauge DIAMETER: 480mm WEIGHT: 7.20kg</p> 	<p>16PWJD80SSD CATCODE: PWT063</p> <p>MUD RAZOR</p> <p>Fits E TYPE: SD (Steel Band) WIDTH: 80mm SHAPE: Gauge Lip (Steel) DIAMETER: 355mm WEIGHT: 5.80kg</p> 	<p>16PWJD110SSD CATCODE: PWT064</p> <p>MUD RAZOR</p> <p>Fits E TYPE: SD (Steel Band) WIDTH: 110mm SHAPE: Gauge Lip (Steel) DIAMETER: 355mm WEIGHT: 8.50kg</p> 
<p>16PWJD1730-110 CATCODE: PWT065</p> <p>MUD RAZOR</p> <p>Fits F TYPE: SP WIDTH: 110mm SHAPE: Gauge Lip (Rubber) DIAMETER: 355mm WEIGHT: 4.40kg</p> 	<p>16PWJD103SSD CATCODE: PWT061</p> <p>MUD RAZOR</p> <p>Fits E/G TYPE: SD WIDTH: 103mm SHAPE: Gauge Lip (Steel) DIAMETER: 355mm WEIGHT: 6.80kg</p> 	<p>24PW125GASP CATCODE: PWT056</p> <p>Fits C TYPE: SP WIDTH: 125mm SHAPE: Gauge DIAMETER: 605mm WEIGHT: 14.3kg</p> 	

MUD RAZOR*

The tyres above with the MUD RAZOR* markings have the unique Manutec inbuilt steel scraper that is designed to keep the discs clean and reduce plugging. All of the MUD RAZOR tyres can be fitted to one of Manutec's spoked rims which are designed to further reduce plugging.

NOTE: The PWT065 for Max Emerge has a hardened rubber lip, not steel.








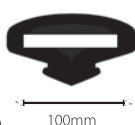
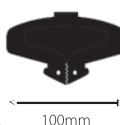
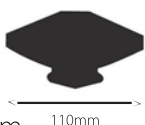
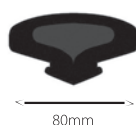
KEY

- A - AUSTIL/SIMPLICITY
- B - DAVIMAC
- C - DAYBREAK
- D - NDF (OLD MODELS)
- E - JOHN DEERE 1860/1890
- F - JOHN DEERE MAXEMERGE
- G - SERAFIN

18" Semi-Pneumatic & Hi-Flex (Nominal)

<p>18PW80WGSF CATCODE: PWT060</p>  <p>TYPE: SF WIDTH: 80mm SHAPE: Wedge DIAMETER: 480mm WEIGHT: 3.50kg</p>	<p>18PW55WGSP CATCODE: PWT050</p>  <p>TYPE: SP WIDTH: 55mm SHAPE: Wedge DIAMETER: 480mm WEIGHT: 3.10kg</p>	<p>18PW55FLSP CATCODE: PWT048</p>  <p>TYPE: SP WIDTH: 55mm SHAPE: Flat DIAMETER: 480mm WEIGHT: 2.70kg</p>	<p>18PW80WGSP CATCODE: PWT053</p>  <p>TYPE: SP WIDTH: 80mm SHAPE: Wedge DIAMETER: 480mm WEIGHT: 4.10kg</p>
<p>18PW100FLSP CATCODE: PWT042</p>  <p>TYPE: SP WIDTH: 100mm SHAPE: Flat DIAMETER: 450mm WEIGHT: 5.00kg</p>	<p>18PW120FLSP CATCODE: PWT046</p>  <p>TYPE: SP WIDTH: 120mm SHAPE: Flat DIAMETER: 450mm WEIGHT: 7.00kg</p>	<p>18PW100FLSF CATCODE: PWT069</p>  <p>TYPE: SF WIDTH: 100mm SHAPE: FLAT DIAMETER: 450mm WEIGHT: 5kg</p>	<p>18PW110WGSP CATCODE: PWT066</p>  <p>TYPE: SP WIDTH: 110mm SHAPE: WEDGE DIAMETER: 480mm WEIGHT: 5kg</p>

18" Solid & Semi-Solid (Nominal)

<p>FITS 390mm DIAMETER RIM</p> <p>SD = SOLID SP = SEMI PNEUMATIC SS = SEMI - SOLID SF = HI - FLEX</p>	<p>18PW55WGSD CATCODE: PWT057</p>  <p>TYPE: SD WIDTH: 55mm SHAPE: Wedge DIAMETER: 480mm WEIGHT: 4.16kg</p>	<p>18PW55WGSS CATCODE: PWT051</p>  <p>TYPE: SS WIDTH: 55mm SHAPE: Wedge DIAMETER: 480mm WEIGHT: 3.80kg</p>	<p>18PW55FLSD CATCODE: PWT047</p>  <p>TYPE: SD WIDTH: 55mm SHAPE: Flat DIAMETER: 480mm WEIGHT: 3.40kg</p>
<p>18PW55FLSS CATCODE: PWT049</p>  <p>TYPE: SS WIDTH: 55mm SHAPE: Flat DIAMETER: 480mm WEIGHT: 3.20kg</p>	<p>18PW80WGSD CATCODE: PWT052</p>  <p>TYPE: SD WIDTH: 80mm SHAPE: Wedge DIAMETER: 480mm WEIGHT: 5.30kg</p>	<p>18PW80WGSS CATCODE: PWT054</p>  <p>TYPE: SS WIDTH: 80mm SHAPE: Wedge DIAMETER: 480mm WEIGHT: 4.90kg</p>	<p>18PW100FLSD CATCODE: PWT041</p>  <p>TYPE: SD WIDTH: 100mm SHAPE: Flat DIAMETER: 450mm WEIGHT: 7.10kg</p>
<p>18PW100FLSS CATCODE: PWT043</p>  <p>TYPE: SS WIDTH: 100mm SHAPE: Flat DIAMETER: 450mm WEIGHT: 5.80kg</p>	<p>18PW100FRSD CATCODE: PWT044</p>  <p>TYPE: SD WIDTH: 100mm SHAPE: Flat Ribbed DIAMETER: 480mm WEIGHT: 7.50kg</p>	<p>18PW110WGSD CATCODE: PWT067</p>  <p>TYPE: SD WIDTH: 110mm SHAPE: WEDGE DIAMETER: 480mm WEIGHT: 6.6kg</p>	<p>18PW120FLSD CATCODE: PWT068</p>  <p>TYPE: SD WIDTH: 80mm SHAPE: FLAT DIAMETER: 450mm WEIGHT: 7.30kg</p>

11" to 18" Tyres To Suit Split Row & Spread Seeding

Manutec has available a range of tyres to suit commonly available splitter boots and spreader boots.

2"-3" Split/Spread

15PW75RDSP
13PW75FWSP



15PW100FLSP
15PW100FLSD



PW131680FLSP
PW131680FLSS



15PW80FLSP



18PW100FLSP
18PW100FLSD



15PW90RDSD
16PW100RCSF
16PW100RCSP
16PW100RCSS



18PW110WGSP
18PW110WGSD



15PW90RDSD



3"-4" Split/Spread

15PW100FLSP
15PW100FLSD



15PW110WGSP
15PW110WGSD
16PW130WGSP



18PW100FLSP
18PW100FLSD



18PW110WGSP
18PW110WGSD



16PW100RCSF
16PW100RCSP
16PW100RCSS



16PW120RDSP
16PW120RDSF
17PW120RDSS



16PW120PRSP
16PW120FLSP



13PW75FWSP



4" + Split/Spread

15PW110WGSP
15PW110WGSD
16PW130WGSP
16PW120PRSP



18PW110WGSP
18PW110WGSD
15PW140PRSP
15PW140PRSS



18PW120FLSP
18PW120FLSS
16PW140RDSP



11PW115RDSS
12PW135RDSP
13PW145FWSP-100












OEM Tyres (After Market)







<p>21PW100GFSD CATCODE: PWT055</p> <p>TYPE: SD WIDTH: 100mm SHAPE: Gauge Flat DIAMETER: 515mm WEIGHT: 7.10kg OEM: JOHN DEERE</p>  <p>* Suits John Deere Air Hoe Drills</p>	<p>24PW125GASP CATCODE: PWT056</p> <p>TYPE: SP WIDTH: 125mm SHAPE: Gauge DIAMETER: 605mm WEIGHT: 11.48kg OEM: DAYBREAK</p> 	<p>21PW80GFSD CATCODE: PWT070</p> <p>TYPE: SD WIDTH: 80mm SHAPE: FLAT DIAMETER: 515mm WEIGHT: 5.30kg OEM: JOHN DEERE</p>  <p>* Suits John Deere Air Hoe Drills</p>
<p>22PW100GFSD CATCODE: PWT074</p> <p>TYPE: SD WIDTH: 100mm SHAPE: Flat DIAMETER: 560mm WEIGHT: 7.20kg OEM: FLEXICOIL/BOURGAULT</p> 	<p>22PW80GFSD CATCODE: PWT089</p> <p>TYPE: SD WIDTH: 80mm SHAPE: Flat DIAMETER: 560mm WEIGHT: 6.5kg OEM: FLEXICOIL/BOURGAULT</p> 	<p>18PW100GASD CATCODE: PWT045</p> <p>TYPE: SD WIDTH: 100mm SHAPE: Gauge DIAMETER: 480mm WEIGHT: 7.20kg OEM: DAYBREAK</p> 

Specialty After Market DBS Tyres





(can be fitted to DBS plastic rims or Manutec alloy rims)

<p>11PW50FLSF CATCODE: PWT071</p> <p>TYPE: SF WIDTH: 50mm SHAPE: Wedge DIAMETER: 280mm WEIGHT: 2.0kg</p> 	<p>11PW115RDSS CATCODE: PWT072</p> <p>TYPE: SS WIDTH: 115mm SHAPE: Round DIAMETER: 279.4mm WEIGHT: 3.90kg</p> 	<p>12PW135RDSP CATCODE: PWT091</p> <p>TYPE: SP WIDTH: 135mm SHAPE: Round DIAMETER: 305mm WEIGHT: 3.95kg</p> 
<p>13PW75FWSP CATCODE: PWT104</p> <p>TYPE: SP WIDTH: 100mm SHAPE: FLAT WEDGE DIAMETER: 330mm WEIGHT: 4.3kg</p> 	<p>13PW145FWSF-100 CATCODE: PWT103</p> <p>TYPE: SF WIDTH: 145mm SHAPE: Winged Wedge DIAMETER: 330mm WEIGHT: 5.0kg</p> 	<p>13PW145FWSP-100 CATCODE: PWT090</p> <p>TYPE: SP WIDTH: 145mm SHAPE: Winged Wedge DIAMETER: 330mm WEIGHT: 5.20kg</p> 
<p>13PW90WGSS CATCODE: PWM161</p> <p>TYPE: SS WIDTH: 90mm FLAT TIP: 30mm SHAPE: WEDGE DIAMETER: 320mm</p> 	<p>13PW90WGSP CATCODE: PWM162</p> <p>TYPE: SP WIDTH: 90mm FLAT TIP: 30mm SHAPE: WEDGE DIAMETER: 320mm</p> 	<p>13PW90WGSF CATCODE: PWM</p> <p>TYPE: SS WIDTH: 90mm FLAT TIP: 30mm SHAPE: WEDGE DIAMETER: 320mm</p> 

Planter Wheel Tyres

<p>SD = SOLID SP = SEMI PNEUMATIC SS = SEMI - SOLID SF = HI - FLEX</p>	<p>10PW10DOSD CATCODE: PWT001</p> <p>TYPE: SD WIDTH: 10mm SHAPE: Dome - 10mm DIAMETER: 250mm WEIGHT: 1.3kg</p> 	<p>10PW25DOSD CATCODE: PWT002</p> <p>TYPE: SD WIDTH: 25mm SHAPE: Dome - 25mm DIAMETER: 250mm WEIGHT: 1.85kg</p> 	<p>12PW25RDSD CATCODE: PWT003</p> <p>TYPE: SD WIDTH: 25mm SHAPE: Round DIAMETER: 300mm WEIGHT: 0.68kg</p> 
	<p>12PW35TASD CATCODE: PWT004</p> <p>TYPE: SD WIDTH: 35mm SHAPE: Tapered - NODET DIAMETER: 300mm WEIGHT: 3.3kg</p> 	<p>13PW48SRSD CATCODE: PWT007</p> <p>TYPE: SD WIDTH: 48mm SHAPE: Round DIAMETER: 315mm WEIGHT: 3.15kg</p> 	<p>10PW25DOSSD CATCODE: PWT061 (STEEL INSERT)</p> <p>TYPE: SD WIDTH: 25mm SHAPE: Dome DIAMETER: 250mm WEIGHT: 1.85kg</p> 









High Side Wall Tyres (New Range 2022)

<p>PW131680WSP CATCODE: PWT122</p> <p>TYPE: SP WIDTH: 80mm SHAPE: HS WEDGE DIAMETER: 410mm WEIGHT:</p> 	<p>PW131680WGSS CATCODE: PWT123</p> <p>TYPE: SS WIDTH: 80mm SHAPE: HS Wedge DIAMETER: 410mm WEIGHT:</p> 	<p>PW131680FLSP CATCODE: PWT124</p> <p>TYPE: SP WIDTH: 80mm SHAPE: HS FLAT DIAMETER: 410mm WEIGHT:</p> 	<p>PW131680FLSS CATCODE: PWT125</p> <p>TYPE: SS WIDTH: 80mm SHAPE: HS FLAT DIAMETER: 410mm WEIGHT:</p> 
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13" Tyres

<p>13PW50FLSP CATCODE: PWT008</p> <p>TYPE: SP WIDTH: 50mm SHAPE: Flat DIAMETER: 330mm WEIGHT: 3.3kg</p> 	<p>13PW75FLSP CATCODE: PWT009</p> <p>TYPE: SP WIDTH: 75mm SHAPE: Flat DIAMETER: 330mm WEIGHT: 3.15kg</p> 	<p>13PW25FLSP CATCODE: PWT006</p> <p>TYPE: SP WIDTH: 25mm SHAPE: Flat DIAMETER: 330mm WEIGHT: 3.05kg</p> 	<p>13PW100DOSD CATCODE: PWT005</p> <p>TYPE: SP WIDTH: 100mm SHAPE: Dome DIAMETER: 340mm WEIGHT: 4.15kg</p> 
<p>13PW90FLSS CATCODE: PWT080</p> <p>TYPE: SS WIDTH: 90mm SHAPE: FLAT DIAMETER: 320mm WEIGHT: 3kg</p> 	<p>13PW70FLSS CATCODE: PWT081</p> <p>TYPE: SS WIDTH: 70mm SHAPE: FLAT DIAMETER: 320mm WEIGHT: 2.80kg</p> 	<p>13PW75FLSS CATCODE: PWT082</p> <p>TYPE: SS WIDTH: 75mm SHAPE: FLAT DIAMETER: 330mm WEIGHT: 5.15kg</p> 	<p>13PW70FLSP CATCODE: PWT062</p> <p>TYPE: SP WIDTH: 70mm SHAPE: FLAT DIAMETER: 320mm WEIGHT: 2.80kg</p> 

OEM TYRES- ALPHA DISC (PRE 2021)

<p>13PW50FLSP CATCODE: PWT008</p> <p>TYPE: SP WIDTH: 50mm SHAPE: Flat DIAMETER: 330mm WEIGHT: 3.3kg</p> 	<p>13PW75FLSP CATCODE: PWT009</p> <p>TYPE: SP WIDTH: 75mm SHAPE: Flat DIAMETER: 330mm WEIGHT: 3.15kg</p> 	<p>13PW25FLSP CATCODE: PWT006</p> <p>TYPE: SP WIDTH: 25mm SHAPE: Flat DIAMETER: 330mm WEIGHT: 3.05kg</p> 	<p>13PW100DOSP CATCODE: PWT005</p> <p>TYPE: SP WIDTH: 100mm SHAPE: Dome DIAMETER: 340mm WEIGHT: 4.15kg</p> 
<p>13PW90FLSS CATCODE: PWT080</p> <p>TYPE: SS WIDTH: 90mm SHAPE: FLAT DIAMETER: 320mm WEIGHT: 3kg</p> 	<p>13PW70FLSS CATCODE: PWT081</p> <p>TYPE: SS WIDTH: 70mm SHAPE: FLAT DIAMETER: 320mm WEIGHT: 2.80kg</p> 	<p>13PW75FLSS CATCODE: PWT082</p> <p>TYPE: SS WIDTH: 75mm SHAPE: FLAT DIAMETER: 330mm WEIGHT: 5.15kg</p> 	<p>13PW70FLSP CATCODE: PWT062</p> <p>TYPE: SP WIDTH: 70mm SHAPE: FLAT DIAMETER: 320mm WEIGHT: 2.80kg</p> 




SD = SOLID

SP = SEMI PNEUMATIC

SS = SEMI - SOLID

SF = HI - FLEX

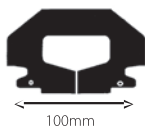
OEM TYRES- ALPHA DISC (POST 2021)

<p>ALPHATYRE-SP CATCODE:</p> <p>TYPE: SP WIDTH: 75mm SHAPE: FLAT DIAMETER: 400mm WEIGHT: 5.05kg</p> 	<p>ALPHATYRE-SS CATCODE:</p> <p>TYPE: SS WIDTH: 75mm SHAPE: FLAT DIAMETER: 400mm WEIGHT: 8.05kg</p> 	<p>ALPHATYRE-WVSP CATCODE:</p> <p>TYPE: SP WIDTH: 70mm SHAPE: WAVE DIAMETER: 400mm WEIGHT: 6.35kg</p> 
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Manutec Air Hoe Drill Conversion

22PW100WGSP

TYPE: SP
WIDTH: 100mm
SHAPE: WEDGE
DIAMETER: 560mm
WEIGHT: 10.3kg
















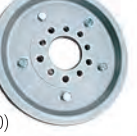

CENTRES & AXLES



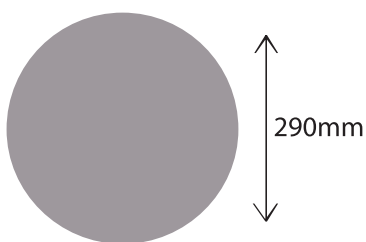
Section 7

7. CENTRES
& AXLES

15" & 16" Press Wheel Centres / Rims

<p>15PWALIHCENTRE(OLD) CATCODE: PWC010-OLD</p> <p>TYPE: INTEGRAL (LM Bearing) DIAMETER: 290mm WEIGHT: 3.10kg SUITS: 15" & 16" Tyres MATERIAL: Aluminium Pre 2012 Models (Recessed Seal)</p> 	<p>15PWALFLCENTRE CATCODE: PWC031</p> <p>TYPE: FLANGE Bearings DIAMETER: 290mm WEIGHT: 2.77Kg SUITS: 15" & 16" Tyres MATERIAL: Aluminium</p> 	<p>15PWALHTCENTRE CATCODE: PWC009</p> <p>TYPE: HT/FORD/AGRIHUB DIAMETER: 290mm WEIGHT: 2.40kg SUITS: 15" & 16" Tyres MATERIAL: Aluminium</p> 
<p>15PWALIHCENTRE CATCODE: PWC010 POST: 2012 MODELS</p> <p>TYPE: IH (LM Bearings) DIAMETER: 290mm WEIGHT: 3.10kg SUITS: 15" & 16" Tyres MATERIAL: Aluminium</p> 	<p>15PWALGACENTRE CATCODE: PWC008</p> <p>TYPE: GASON (6305-2RS) DIAMETER: 290mm WEIGHT: 2.48kg SUITS: 15" & 16" Tyres MATERIAL: Aluminium</p> 	<p>15PWALIHMALE CATCODE: PWC021 POST: 2012 MODELS</p> <p>TYPE: IH (LM Bearings) DIAMETER: 290mm WEIGHT: 2.00kg SUITS: 15" & 16" Tyres MATERIAL: Aluminium</p> 
<p>15PWALIHMALE(OLD) CATCODE: PWC012-(OLD)</p> <p>TYPE: INTEGRAL (LM Bearing) DIAMETER: 290mm WEIGHT: 2kg SUITS: 15" & 16" Tyres MATERIAL: Aluminium Pre 2012 Models (Recessed Seal)</p> 	<p>15PWALIHFEMALE CATCODE: PWC011</p> <p>TYPE: IH DIAMETER: 290mm WEIGHT: 1.30kg SUITS: 15" & 16" Tyres MATERIAL: Aluminium</p> 	<p>15PWALNBCENTRE CATCODE: PWC013</p> <p>TYPE: 25mm NB (Bush) DIAMETER: 290mm WEIGHT: 3.35kg SUITS: 15" & 16" Tyres MATERIAL: Aluminium Suits sherman gangs</p> 
<p>15PWALSBCENTRE (NEW) CATCODE: PWC014</p> <p>TYPE: SB (6205-2RS) DIAMETER: 290mm WEIGHT: 3.5kg SUITS: 15" & 16" Tyres MATERIAL: Aluminium SUITS: CONSERVAPAK</p> 	<p>15PWALCACENTRE CATCODE: PWC007</p> <p>TYPE: CONSERVAPAK DIAMETER: 290mm WEIGHT: 3.5kg SUITS: 15" & 16" Tyres MATERIAL: Aluminium Suits original Conservapak</p> 	<p>15PWALSHCENTRE CATCODE: PWC030</p> <p>TYPE: SKF AGRIHUB DIAMETER: 290mm WEIGHT: 2.8kg SUITS: 15" & 16" Tyres MATERIAL: Aluminium 4 hole & 5 Hole 98mm PCD AgriHub</p> 
<p>15PWALNZCENTRE CATCODE: PWC040</p> <p>TYPE: SB (6305-2RS) DIAMETER: 290mm WEIGHT: 2.9kg SUITS: 15" & 16" Tyres MATERIAL: Aluminium SUITS: Duncan</p> 	<p>15PWALHBCENTRE CATCODE: PWC032</p> <p>TYPE: HB PSS (Post 2020) DIAMETER: 290mm WEIGHT: 2.3kg SUITS: 15" & 16" Tyres MATERIAL: Aluminium SUITS: Horwood PSS (Post 2020) CENTRE HOLE: 83mm</p> 	<p>16PWALFCENTRE CATCODE: PWC038</p> <p>TYPE: FORD/HT/AGRIHUB DIAMETER: 240mm WEIGHT: 2.8kg SUITS: 16" Para Tyres MATERIAL: Aluminium</p> 













How to identify a 15" rim



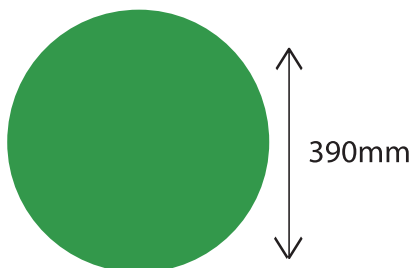
KEY:

- IH - Integral Hub
- SB - Sealed Bearing
- NB - Nylon Bush
- PL - Plastic
- FL - Flange
- CA - Conservapak
- GA - Gason
- SH - AgriHub
- HT - HT/Ford(5 Stud)
- PC - Powder Coat
- AL - Aluminium
- F - Ford/HT
- NZ - Duncan
- HB - Horwood B

18" Press Wheel Centres / Rims

<p>18PWALHTCENTRE CATCODE: PWC019</p>  <p>TYPE: HT/FORD/AgriHub DIAMETER: 390mm WEIGHT: 4.65kg SUITS: 18" Tyre MATERIAL: Aluminium</p>	<p>18PWALIHCENTRE CATCODE: PWC020 Post 2012</p>  <p>TYPE: IH (LM Bearings) DIAMETER: 390mm WEIGHT: 5.30kg SUITS: 18" Tyre MATERIAL: Aluminium Suits MSAHD seal</p>	<p>18PWALIHFEMALE CATCODE: PWC021</p>  <p>TYPE: IH DIAMETER: 390mm WEIGHT: 2.75kg SUITS: 18" Tyre MATERIAL: Aluminium</p>
<p>18PWALNBCENTRE CATCODE: PWC025</p>  <p>TYPE: NB (32mm) DIAMETER: 390mm WEIGHT: 5.40kg SUITS: 18" Tyre MATERIAL: Aluminium Includes 32mm Nylon Bush</p>	<p>18PWALSBCENTRE CATCODE: PWC026</p>  <p>TYPE: SB (6205-2RS) DIAMETER: 390mm WEIGHT: 5.1kg SUITS: 18" Tyre MATERIAL: Aluminium Bearing not included</p>	<p>18PWALIHMALE CATCODE: PWC022 Post 2012</p>  <p>TYPE: IH (LM Bearings) DIAMETER: 390mm WEIGHT: 2.90kg SUITS: 18" Tyre MATERIAL: Aluminium</p>
<p>18PWALIHMALE(OLD) CATCODE: PWC022-OLD Pre 2012</p>  <p>TYPE: IH (LM Bearings) DIAMETER: 390mm WEIGHT: 2.6kg SUITS: 18" Tyre MATERIAL: Aluminium</p>	<p>18PWALHT83CENTRE CATCODE: PWC019</p>  <p>TYPE: HT/FORD/AgriHub DIAMETER: 390mm WEIGHT: 4.65kg SUITS: 18" Tyre MATERIAL: Aluminium Centre Hole: 83mm</p>	<p>18PWALBGCENTRE CATCODE: PWC039</p>  <p>TYPE: BOURGAULT DIAMETER: 390mm WEIGHT: 5.6kg SUITS: 18" Tyre MATERIAL: Aluminium</p>
<p>18PWALSHCENTRE CATCODE: PWC033</p>  <p>TYPE: SKF AgriHub DIAMETER: 390mm WEIGHT: 5.6kg SUITS: 18" Tyre MATERIAL: Aluminium 4 Hole & 5 Hole 98mm PCD AgriHub</p>	<p>18PWALIHCENTRE(OLD) CATCODE: PWC020-OLD</p>   <p>TYPE: INTEGRAL DIAMETER: 390mm WEIGHT: 5.3kg SUITS: 18" Tyre MATERIAL: Aluminium Pre 2012 Model (Recessed Seal) for two piece Quad Seal/Marine Seal</p>	

How to identify a 18" rim



KEY:

IH - Integral Hub	SH - AgriHub
SB - Sealed Bearing	HT - HT/Ford(5 Stud)
NB - Nylon Bush	PC - Powder Coat
PL - Plastic	AL - Aluminium
FL - Flange	F - Ford/HT
CA - Conservapak	NZ - Duncan
GA - Gason	HB - Horwood B



11", 12", 13", 16" & 24" Press Wheel Centres / Rims

<p>12PWPLCENTRE CATCODE: PWC002</p>  <p>TYPE: SB DIAMETER: 274mm WEIGHT: 0.36kg SUITS: 12" Press Wheel MATERIAL: Reinforced Poly</p>	<p>13PWALHTCENTRE CATCODE: PWC004</p>  <p>TYPE: HT/AH/AgriHub DIAMETER: 245mm WEIGHT: 1.9kg SUITS: 13" Tyre MATERIAL: Aluminium</p>	<p>13PWPCCENTRE CATCODE: PWC005</p>  <p>TYPE: SB DIAMETER: 272mm WEIGHT: 1.09kg SUITS: 13" Press Wheel MATERIAL: Powder Coated Steel</p>
<p>24PWPCHTCENTRE CATCODE: PWC027</p>  <p>TYPE: HT WEIGHT: 11.50kg SUITS: 24" Gauge Wheels MATERIAL: Powder Coated Steel</p>	<p>13PWALHTEXCENTRE CATCODE: PWC004-L</p>  <p>TYPE: HT/AH/AgriHub DIAMETER: 245mm WEIGHT: 1.85kg SUITS: 13" Tyre MATERIAL: Alu HT Centre Hole: 83mm</p>	<p>11PWALCENTRE CATCODE: PWC</p>  <p>TYPE: SB (16mm) DIAMETER: 178mm WEIGHT: 1kg SUITS: 11" Press Wheel MATERIAL: Aluminium include nylon cheeks</p>
<p>JD1860-CENTRE CATCODE: PWC034</p>  <p>TYPE: HT/FORD/AgriHub DIAMETER: 340mm WEIGHT: 4.6kg SUITS: 16" Gauge Tyre MATERIAL: Aluminium</p>	<p>JD1890-CENTRE CATCODE: PWC035</p>  <p>TYPE: HT/FORD/AH/AgriHub DIAMETER: 350mm WEIGHT: 3.7kg SUITS: 16" Gauge Tyre MATERIAL: Aluminium</p>	<p>JD1730-CENTRE CATCODE: PWC037</p>  <p>TYPE: HT/FORD/AH/AgriHub DIAMETER: 340mm WEIGHT: 4.85kg SUITS: 16" Gauge Tyre MATERIAL: Aluminium</p>
<p>16PWALHTCENTRE CATCODE: PWC018</p>  <p>TYPE: HT/AH/AgriHub DIAMETER: 337mm WEIGHT: 4.65kg SUITS: 16" Tyre MATERIAL: Aluminium</p>	<p>PWAHD-CENTRE CATCODE: PWC036</p>  <p>TYPE: PC DIAMETER: 482mm WEIGHT: 17.4kg SUITS: Air Hoe Drill MATERIAL: Powder Coated Steel</p>	<p>16PWALSPKCENTRE CATCODE: PWC036</p>  <p>TYPE: HT/FORD/AH/AgriHub DIAMETER: 337mm WEIGHT: 4.8kg SUITS: 16" Gauge Tyre MATERIAL: Aluminium</p>

KEY:

IH - Integral Hub	SH - SKF AgriHub (4 Stud & 5 Stud)
SB - Sealed Bearing	HT - HT/Ford (10 Stud Multi Pattern)
NB - Nylon Bush	PC - Powder Coat
PL - Plastic	AL - Aluminium
F-Ford/HT	FL - Flange Bearing
AHD-Air Hoe Drill	SPK - Spoke Centre

Press Wheel Axles (special axles can be made to order)

AgriHub Axles

Code	CATCODE	Description	LOA(mm)
PWAXLE/SAHRM	PAX084	Slim Line AgriHub Axle to suit Single Rear Mount Assembly	122
PWAXLE/SAH5/10	PAX085	Slim Line AgriHub Axle to suit Walking Wheel 5" & 10" spacing	132
PWAXLE/SAH7/12	PAX086	Slim Line AgriHub Axle to suit Walking Wheel 7" & 12" spacing	157
PWAXLE/SAH8/13	PAX087	Slim Line AgriHub Axle to suit Walking Wheel 8" & 13" spacing	170
PWAXLE/SAH9/14	PAX088	Slim Line AgriHub Axle to suit Walking Wheel 9" & 14" spacing	182
PWAXLE/SAH6/11	PAX089	Slim Line AgriHub Axle to suit Walking Wheel 6" & 11" spacing	145
PWAXLE/SAH-EL	PAX162	Slim Line AgriHub Axle Extra Long	208

Double Ended AgriHub Axles

Code	CATCODE	Description	LOA(mm)
PWAXLE/SAH222RDDE	PAX084	Double ended AgriHub axle to suit 8.75" spacings	234
PWAXLE/SAH190RDDE	PAX085	Double ended AgriHub axle to suit 7.5" spacings	202
PWAXLE/SAH183RDDE	PAX086	Double ended AgriHub axle to suit 7.2" spacings	195
PWAXLE/SAH150RDDE	PAX087	Double ended AgriHub axle to suit 6" spacings	165
PWAXLE/SAH7RDDE	PAX088	Double ended AgriHub axle to suit 7" spacings	190
PWAXLE/SAH8RDDE	PAX089	Double ended AgriHub axle to suit 8" spacings	215
PWAXLE/SAH9RDDE	PAX089	Double ended AgriHub axle to suit 9" spacings	240
PWAXLE/SAH10RDDE	PAX089	Double ended AgriHub axle to suit 10" spacings	266
PWAXLE/SAH12RDDE	PAX089	Double ended AgriHub axle to suit 12" spacings	317
PWAXLE/SAH13.3RDDE	PAX089	Double ended AgriHub axle to suit 13.33" spacings	350

40mm Round Integral Axles

Code	CATCODE	Description	LOA
PWAXLE/IH10RD	PAX014	Rnd Stub Axle 10" to suit Integral Hub	260mm
PWAXLE/II112RD	PAX015	Rnd Stub Axle 12" to suit Integral Hub	275mm
PWAXI F/IH5RD	PAX016	Rnd Stub Axle 5" to suit Integral Hub	150mm
PWAXLE/IH6RDSL	PAX017	Rnd Stub Axle 6.5" to suit Integral Hub Slotted	165mm
PWAXLE/IH6RDSLCOMP	PAX018	Rnd Stub Axle 6.5" to suit Integral Hub Slotted complete with seals	165mm
PWAXLE/II17.5RD	PAX021	Rnd Stub Axle 7.5" to suit Integral Hub	190mm
PWAXI F/IH8RD	PAX022	Rnd Stub Axle 8" to suit Integral Hub	205mm
PWAXLE/IH8RDSL	PAX023	Rnd Stub Axle 8" to suit Integral Hub Slotted	205mm
PWAXLE/IH8RDSLCOMP	PAX024	Rnd Stub Axle 8" to suit integral Hub Complete with seals, bearings etc	205mm
PWAXLE/II19RD	PAX025	Rnd Stub Axle 9" to suit Integral Hub	230mm
PWAXI F/IH9RDCOMP	PAX026	Rnd Stub Axle 9" to suit integral Hub Complete with seals etc	230mm
PWAXLE/IHDE	PAX029	Rnd Stub Axle Double ended to suit integral Hub	MTO
PWAXLE/IHDECOMP	PAX030	Rnd Stub Axle Double ended to suit integral Hub Complete	MTO
PWAXLE/IIDTC10	PAX054	Rnd Stub Axle 10" to suit Heavy Duty Coultter	172mm
PWAXI F/HDTC12	PAX055	Rnd Stub Axle 12" to suit Heavy Duty Coultter	197mm
PWAXLE/HB	PAX057	Rnd Stub Axle 8" to suit Horwood Bagshaw	PSS



40mm Square Integral Axles

Code	CATCODE	Description	LOA
PWAXLE/IH9SQ	PAX027	SQ Stub Axle 9" to suit Integral Hub	230mm
PWAXLE/IH9SQCOMP	PAX028	SQ Stub Axle 9" to suit integral Hub Complete with seals	230mm



Trailer Axles & Stubs

A full range of trailer axles & stubs is available in the following sizes **SEE SECTION 10** or trailer catalogue

Press Wheel Axles

SH Axles

Code	CATCODE	Description
PWAXLE/SH6RD	PAX044	AgriHub cam style axle to suit single assemblies
PWAXLE/SH9RD	PAX059	AgriHub cam style axle to suit twin assemblies
PWAXLE/HDTC12-AH	PAX077	AgriHub cam style axle to suit twin IID coulters



Double Ended Integral Axles

Code	CATCODE	Description
PWAXLE/IH6RDDE	PAX072	Double ended integral axle to suit 6" spacings
PWAXLE/IH7RDDE	PAX073	Double ended integral axle to suit 7" spacings
PWAXLE/IH9RDDE	PAX074	Double ended integral axle to suit 9" spacings
PWAXLE/IH10RDDE	PAX075	Double ended integral axle to suit 10" spacings
PWAXLE/IH12RDDE	PAX076	Double ended integral axle to suit 12" spacings



40mm Round HT Axles

Code	CATCODE	Description	LOA
PWAXLE/HT6RD	PAX005	Rnd Stub Axle 6 to suit HT Hub	165mm
PWAXLE/HT6RDCOMP	PAX006	Rnd Stub Axle 6 to suit HT Hub Complete with seals, bearings etc	165mm
PWAXLE/HT8RD	PAX009	Rnd Stub Axle 8 to suit HT Hub	205mm
PWAXLE/HT9RD	PAX010	Rnd Stub Axle 9 to suit HT Hub	230mm
PWAXLE/HT9RDCOMP	PAX011	Rnd Stub Axle 9 to suit HT Hub Complete with seals, bearings etc	230mm



A complete range of 39mm Round HT Axles & stubs are available in the Manutec Trailer Parts Catalogue.

40mm Square HT Axles

Code	CATCODE	Description	LOA
PWAXLE/HT6SQ	PAX007	SQ Stub Axle 6 to suit HT Hub	165mm
PWAXLE/HT6SQCOMP	PAX008	SQ Stub Axle 6 to suit HT Hub Complete with seals	165mm
PWAXLE/HT9SQ	PAX012	SQ Stub Axle 9 to suit HT Hub	230mm
PWAXLE/HT9SQCOMP	PAX013	SQ Stub Axle to suit HT Hub Complete with seals	230mm



A complete range of 40mm, 45mm & 50mm Square Axles & Stub Axles are available in the Manutec Trailer Parts Catalogue.

Gang Axles

SEE SECTION 1 PAGE 33

Axles & hubs

OEM Axles

Code	CATCODE	Description	LOA
PWAXLE/HB	PAX003	Rnd Stub Axle 8 suit Integral Hub (Horwood Bagshaw)	185mm
PWAXLE/HOMAN	PAX004	Rnd Stub HOMAN Axle to suit Integral Hub	190mm
PWAXLE/SAG	PAX035	Rnd Stub Axle Sustain Ag	160mm
PWAXLE/MORRIS-SAH	PAX093	Rnd Stub Axle suit slimline AgriHub (Morris)	179mm
PWAXLE/HB SAH	PAX105	Rnd Stub Axle 8 suit slimline AgriHub (Horwood Bagshaw)	144mm
PWAXLE/HORSCHV2	PAX106	Rnd EL Stub Axle suit Slimline AgriHub (Horsch)	90mm
PWARM/FX	PAX110	Press Wheel Arm and axle suits Slimline AgriHub (FX) PD5700	



Agricultural HT Pattern Hubs

Code	CATCODE	Description
PWHTH-S/G	PAX038	Holden HT Hub Galv (No Grease Nipple) (Hub only)
PWHTH-S/GRD	PAX039	P/Wheel Holden HT Hub – Rnd Stub Axle Complete (Galv) with seals, etc
PWHTH-S/GSQ	PAX040	P/Wheel Holden HT Hub – SQ Stub Axle Complete (Galv) with seals, etc
PWHTH S/SGN	PAX041	Holden HT Hub (Grease Nipple) (Hub only)
PWHTH-S/SGNRD	PAX042	P/Wheel Holden HT Hub – Rnd Stub Axle Complete (Grease Nipple) with seals, etc
PWHTH-S/SGNSQ	PAX044	P/Wheel Holden HT Hub – SQ Axle Complete (Grease Nipple) with seals, etc
PWIHH-S/G	PAX052	Integral Hub Stand Alone (Hub only)



**A complete range of Trailer hubs is available
in the Manutec Trailer Parts Catalogue.**

Planter Wheel Axles

Code	CATCODE	Description	LOA
PWAXLE/LH	PAX031	Rnd 16mm LH Stub Axle to suit planter hubs	85mm
PWAXLE/LH14MM	PAX032	Rnd LH Stub to suit planter hubs 14mm	80mm
PWAXLE/RH	PAX033	Rnd 16mm RH Stub Axle to suit planter hubs	85mm
PWAXLE/RH14MM	PAX034	Rnd RH Stub Axle to suit planter hubs – 14mm	80mm
PWAXLE/25MM	PAX002	Rnd Stub Axle 25mm to suit planter hubs	120mm
PWSBAXLE 3/4	PAX056	Rnd Stub Axle to suit planter hubs 3/4	120mm



Planter Wheel Hubs










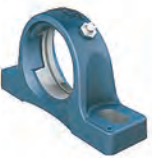





Code	CATCODE	Description
PWHTHUB-N	PAX045	Planter Hub – Suit JD – No Axle – No Bearing – Single bearing type
PWHTHUB16	PAX046	Planter Hub – HT pattern to suit 16mm bolt -Double bearing type
PWHTHUB25	PAX047	Planter Hub – HT pattern to suit 25mm axle - Double bearing type
PWIITIHUB 25NB	PAX048	Planter Hub – IIT Pattern to suit 25mm axle – No bearing – Double bearing type
JDHUB-5203S	PAX067	Planter Hub – HT Pattern to suit 16mm bolt (steel) - Includes 5203 bearing
JDHUB-5203S-NB	PAX068	Planter Hub – HT Pattern to suit 16mm bolt (steel) - No bearing
JDHUB-5203A	PAX070	Planter Hub – HT Pattern to suit 16mm bolt (aluminium) Includes 5203 bearing
JDHUB 5203A NB	PAX084	Planter Hub – IIT Pattern to suit 16mm bolt (aluminium) – No bearing
HUB-5203A-NB	PAX085	Planter Hub – HT Pattern to suit 16mm bolt (aluminium) - No bearing
HUB-5203A	PAX086	Planter Hub – HT Pattern to suit 16mm bolt (aluminium) - Includes 5203 bearing
JDHUB5205-A	PAX087	Planter Hub – HT Pattern to suit 16mm bolt (aluminium) - Includes 5205 bearing
PWIITIHUB JD25	PAX088	Planter Hub – IIT Pattern to suit 125mm axle (aluminium) – Includes 5205 bearing



John Deere Hubs and other planter hubs

<p>JDHUB-5203S-NB CATCODE: PAX066</p> <p>Steel JD Hub suits 5203 BNG No Bearing No Axle, suits 16mm 5/8 bolt axle.</p> 	<p>JDHUB-5203S CATCODE: PAX067</p> <p>Steel JD Hub 5203 BNG Incl. Bearing No Axle, suits 16mm 5/8 bolt axle.</p>  <p>SEALED FOR LIFE BEARING</p>	<p>JDHUB-5203-NB CATCODE: PAX068</p> <p>Aluminium JD Hub Suits 5203 BNG No Bearing No Axle, single bearing type, suits 16mm 5/8 bolt axle.</p> 	<p>JDHUB-5205-A CATCODE: PAX069</p> <p>Aluminium Hub to suit 5205 bng - Includes bearing</p> 
<p>PWBNG/16SB-HD CATCODE: PBS052</p> <p>16mm Encased Roller Bearing Extreme Ag</p>  <p>SEALED FOR LIFE BEARING</p>	<p>PWBNG/52052RS-J CATCODE: PSB023</p> <p>25mm Sealed Bearing (52052RS) Japanese - suits planter hubs.</p> 	<p>JDHUB-5203A CATCODE: PAX070</p> <p>Aluminium JD Hub 5203 BNG Incl. Bearing No Axle, single bearing type, suits 16mm 5/8 bolt axle. SEALED FOR LIFE BEARING</p> 	<p>JDHUB-5205-A-NB CATCODE: PAX071</p> <p>Aluminium Hub to suit 5205 bng - No bearing</p> 
<p>HUB-5203A-NB CATCODE: PAX087</p> <p>Aluminium Hub to suit 5203 bearing. No bearing Suits 16mm axle</p> 	<p>HUB-5203A CATCODE: PAX086</p> <p>Aluminium Hub to suit 5203 bearing. Includes bearing Suits 16mm axle SEALED FOR LIFE BEARING</p> 	<p>JDGUARD1870-53 CATCODE: PSP172</p>  <p>53mm Dust Guard</p>	<p>JDGUARD1870-31 CATCODE: PSP171</p>  <p>31mm Dust Guard</p>
<p>JDGUARD-SET CATCODE: PSP195</p>  <p>31mm/53mm Dust Guards 2xJDBUSH1870-24</p>	<p>JDBUSH1870-24 CATCODE: PSP170</p>  <p>1 Piece only</p>	<p>PWJDCP-AXLEBOLT CATCODE: PSP196</p>  <p>5/8" 16mm Axle Bolt</p>	<p>EQ-SET CATCODE: PSP197</p>  <p>31mm/53mm Dust Guards 2xJDBUSH1870-24 2xEQ-BUSH34.5</p>
<p>EQBUSH-34.5 CATCODE: PSP198</p> 	<p>PWBNG/25SB-J CATCODE: PSP019-J</p>  <p>25mm Sealed bearing 62052RS Japanese</p>		

Bearings & AgriHubs

<p>PWBNG/204-012-HD CATCODE: PBS049</p> 	<p>PWBNG/FY504-HD CATCODE: PBS050</p> <p>504 Series 4 hole Square Flange Heavy Duty (to suit Flange Press Wheels)</p> 	<p>PWHUB/AH5 CATCODE: PBS051</p> <p>SKF 5 Stud AgriHub (5x98)</p>  <p>SEALED FOR LIFE HUB</p>	<p>PWBNG/16SB-HD CATCODE: PBS052</p> <p>16mm Encased Roller Bearing Heavy Duty</p>  <p>SEALED FOR LIFE BEARING</p>
<p>DDO-205KRP2 CATCODE: PSP006</p> <p>Bearing to suit Double Disc Opener.</p> 	<p>PWBNG/52052RS-J CATCODE: PBS023</p> <p>25mm Sealed Bearing (52052RS) Japanese - suits Planter Hubs</p> 	<p>PWHUB/AH-HT CATCODE: PBS053</p> <p>NSK 5 stud AgriHub (5x108)</p>  <p>SEALED FOR LIFE HUB</p>	<p>PWHUB/AHSA CATCODE: PBS057</p> <p>Slimline AgriHub 5 stud (5x108)</p>  <p>SEALED FOR LIFE HUB</p>
<p>PWHDC/60082RS CATCODE: PCO281</p> <p>HD Coupler Swivel Bearings</p> 	<p>MLMA-J CATCODE: PBS074</p> <p>Premium Japanese Type A Bearing Set</p>  <p>Suits Integral Hub & Holden Hub Press Wheels</p>	<p>PWHUB/AH4 CATCODE: PBS075</p> <p>SKF AgriHub 4 stud (4x98mm)</p> 	<p>PWBNG/AHDH-PB CATCODE: PBS0077</p> <p>Pillow Block Bearing Housing</p> 
<p>PWBNG/AHDH CATCODE: PBS078</p> <p>Bearing Housing to suit AHD Bearing</p> 	<p>PWBNG/AHD CATCODE: PBS079</p> <p>Air Hoe Drill Bearing 1.5" square bore</p> 	<p>PWHUB/AH6 CATCODE: PBS076</p> <p>SKF AgriHub 6 stud (6X98mm)</p> 	<p>MLMB-J CATCODE: PBS080</p> <p>Premium Type B (Slimline) Bearing set suits ford hubs</p> 
<p>PWBNG/AHDH CATCODE: PBS081</p> <p>Bearing and Housing to suit Morris gang conversion</p> 			

Premium bearing brands may vary depending on availability.



Dust Caps / Covers

<p>PWDUSTCAP CATCODE: PBS033</p>  <p>Galv Dust Cap 1.75 Suits Integral/HT Hub</p>	<p>DUSTCAPCLIPS CATCODE: PBS001</p>  <p>Dust Cap Clips Suits Integral</p>	<p>PWHUB25DC CATCODE: PBS037</p>  <p>Dust Cap to suit HTSBHUB25 Suits 25mm Planter Hub</p>	<p>PWDUSTCAP-SAH CATCODE: PBS100</p>  <p>Zinc Dust Cap to suit Slim Line AgriHub</p>	<p>PWSHI-5HT-18MM CATCODE: POC012</p>  <p>5x108 Slimline AgriHub Cover plate</p>
<p>PWSHI-4H CATCODE: POC008</p>  <p>4x98 Agrihub Cover plate</p>	<p>PWSHI-5H CATCODE: POC015</p>  <p>5x98 Agrihub Cover plate</p>	<p>PWSHI-5HT CATCODE: POC016</p>  <p>5x108 Agrihub Cover plate</p>	<p>PWSHI-5HTSA CATCODE: POC011</p>  <p>5x108 Slimline AgriHub Cover plate</p>	<p>PWSHI-5HT-INT CATCODE: POC014</p>  <p>5x108 Slimline AgriHub Cover plate</p>
<p>PWSHI-HTRING CATCODE: POC013</p>  <p>HT Spacer Ring</p>	<p>DC-NSK CATCODE: POC017</p>  <p>Dust Cover to Suit NSK AgriHub</p>	<p>DC-PEER CATCODE: POC018</p>  <p>Dust Cover to Suit Peer AgriHub</p>	<p>PWOCAP/HT60 CATCODE: POC005</p>  <p>60mm HT Galv overcap</p>	<p>PWOCAPIH CATCODE: POC007</p>  <p>Galv Integral Overcap</p>
<p>PWOCAP/FORD70 CATCODE: POC003</p>  <p>70mm Ford Galv Overcap</p>	<p>PWOCAP/HT80 CATCODE: POC006</p>  <p>80mm HT Galv Overcap</p>	<p>PWOCAP/BMW60 CATCODE: POC001</p>  <p>60mm BMW Galv Overcap</p>	<p>PWOCAP/FORD70V2 CATCODE: POC004</p>  <p>70mm wide Flange Galv overcap</p>	<p>PWDCAPP CATCODE: PWA004</p>  <p>Applicator for Standard Dust Grease Cap</p>
<p>PWSEALGUARD CATCODE: PWA009</p>  <p>Steel Sealguard to suit 40mm Round Axles</p>	<p>PWDC-SAH-APP CATCODE: PWA040</p>  <p>Slimline AgriHub Dust Cap Applicator</p>	<p>PWSEALCOVER15 CATCODE: PWA041</p>  <p>Nylon Seal Cover to Suit 15" Integral press wheels</p>	<p>PWSEALCOVER18 CATCODE: PWA042</p>  <p>Nylon Seal Cover to Suit 18" Integral press wheels</p>	<p>PWAXLEPROT CATCODE: PWA003</p>  <p>Rubber Axle Protector (40mm Rnd Axle)</p>

Wheel Bearings

<p>PWIBNGSEALSET CATCODE: PBS039</p>  <p>Bearings, Seal, - Dust Cap Set Suits Integral & HT</p>	<p>PWIBNGSEALSETHD CATCODE: PBS040</p>  <p>Bearings, Seals, Nuts - Dust Cap Set for Integral Hub (Heavy Duty) Suits Integral & HT</p>	<p>PWIBSEALSET-MS CATCODE: PBS041</p>  <p>Bearings, Triple Seal, - Dust Cap Set for Integral Hub Suits Integral & HT</p>	<p>LM11910HD CATCODE: PBS006</p>  <p>Small LM Cup Heavy Duty Suits Integral & HT</p>
<p>LM11949HD CATCODE: PBS008</p>  <p>Small LM Taper Bearing Heavy Duty Suits Integral & HT</p>	<p>PWBNG/LMSETHD CATCODE: PBS029</p>  <p>LM Bearing Set (to suit Integral Hub and HT Hub) Heavy Duty Suits Integral & HT</p>	<p>PWCUP/LMSETHD CATCODE: PBS032</p>  <p>LM Cup Set (to suit Integral Hub and HT Hub) Heavy Duty Suits Integral & HT</p>	<p>PWBNG/16SB-HD CATCODE: PBS052</p>  <p>16mm Encased Roller Bearing SEALED FOR LIFE BEARING</p>
<p>PWBNG/25SB-J CATCODE: PBS019-J</p>  <p>25mm Sealed Bearing (to suit 15 - 18 Sealed Bearing Press Wheels) Suits SB/ConservaPak Wheels</p>	<p>LM67010HD CATCODE: PBS012</p>  <p>Large LM Cup Heavy Duty Suits Integral & HT</p>	<p>LM67048HD CATCODE: PBS014</p>  <p>Large LM Taper Bearing Heavy Duty Suits Integral & HT</p>	<p>PWBNG/52052RS CATCODE: PBS022</p>  <p>25mm Sealed Bearing (52052RS) suits planter hubs Suits 13" HT Planter Wheels</p>
<p>PWBNG/52052RS-J CATCODE: PBS023</p>  <p>25mm Sealed Bearing (52052RS) - Japanese suits planter hubs Suits 13" HT Planter Wheels</p>	<p>PWBNG/F CATCODE: PBS024</p>  <p>Pillow Block Bearing (32mm) To Suit Mount Gangs Suits Press Wheel Gangs</p>	<p>PWBNG/32NB CATCODE: PBS021</p>  <p>11/4 (32mm) Nylon Bush (to suit 18 Nylon Bush Press Wheel) Suits 18" Gang Wheels</p>	<p>PWBNG25NB CATCODE: PBS030</p>  <p>25mm Nylon Bush (to suit 15 Nylon Bush Press Wheel) Suits 15" Gang Wheels</p>
<p>PWBNG/FH CATCODE: PBS025</p>  <p>Pillow Block Bearing Housing (Cast Steel) To Suit Mount Gangs Suits Press Wheel Gangs</p>	<p>MLMA-J CATCODE: PBS024</p>  <p>Bearing Set-Suits Integral Hub and HT Hub</p>		

Bushes

<p>PWBNG/32NB CATCODE: PBS021</p>  <p>1 1/4 (32mm) Nylon Bush (to suit 18 Nylon Bush Press Wheel) Suits 18" Gang Wheels</p>	<p>PWBNG/25NB CATCODE: PBS030</p>  <p>25mm Nylon Bush (to suit 15 Nylon Bush Press Wheel) Suits 15" Gang Wheels</p>	<p>JDBUSH1870-24 CATCODE: PSP170</p>  <p>24mm John Deere 1870 wheel spacer bush</p>	<p>PWJDCP-BUSH CATCODE: PSP176</p>  <p>Suits 1/2" Bolt</p>
<p>PWJD58-BUSH CATCODE: PSP175</p>  <p>bush suits 5/8th bolt</p>	<p>PWCP12-BUSH CATCODE: PSP200</p>  <p>bush suits 1/2th bolt</p>	<p>PWJD58MS-BUSH CATCODE: PSP201</p>  <p>Old Style Metal Seal Bush</p>	<p>PWJD1870MS-BUSHSET CATCODE: PSP174</p>  <p>New Style Metal Seal Bush</p>
<p>EQBUSH-34.5 CATCODE: PSP198</p>  <p>34.5mm Equalizer Wheel Spacer Bush</p>	<p>EQ-SET CATCODE: PBP197</p>  <p>1x JDGUARD1870-53 1x JDGUARD1870-31 2x JDBUSH1870-24 2x EQBUSH-34.5</p>	<p>JDGUARD-SET CATCODE: PBP195</p>  <p>1x JDGUARD1870-53 1x JDGUARD1870-31 2x JDBUSH1870-24</p>	





Wheel Bolts, Nuts, Washer

<p>BOLTM12X1.25X20 BOLTM12X1.25X25 BOLTM12X1.25X30 BOLTM12X1.25X35 BOLTM12X1.25X40</p>	<p>CATCODE: PNB034</p> <p>M12 (1.25) Bolt for AgriHubs.</p> 	<p>PWNUT/M22X1.5 CATCODE: PNB033</p>  <p>M22 Nut for AgriHub</p>	<p>15PWWH1ZLOK CATCODE: PNB003</p>  <p>Whizlok nut and Bolt set to suit 13",15"&18"Centre</p>
<p>NUTM12X1.25</p>  <p>M12x1.25 Nut</p>	<p>PWSW-M12</p>  <p>M12 Spring Washer</p>	<p>PFWW-M12</p>  <p>M12 Flat Washer</p>	

Seals

<p>MSAHD-OLD CATCODE:</p>  <p>(OLD MODEL) (PRE 2019) Seal A TYPE Heavy Duty Suits Integral/HT Hub</p>	<p>MR41 CATCODE: PBS015</p>  <p>R41 Retaining Compound - 50ml Holdtite Brand Suits Integral/HT Hub</p>	<p>PWHUB25SEAL CATCODE: PBS038</p>  <p>Seal to suit HTSBHUB25 Suits 25mm Hubs Planter</p>	<p>PWMARSEAL CATCODE: PBS042</p>  <p>Triple Lip Marine Seal - Stainless Wear Ring Suits Integral/HT Hub (Old modles)</p>
<p>PWQUADSEAL CATCODE: PBS043</p>  <p>Quad Lip Seal Suits Integral/HT Hub</p>	<p>PWSTAINLESSRING CATCODE: PBS046</p>  <p>Stainless Steel Ring for Triple Lip Seal Suits 25mm Planter Hubs</p>	<p>PWTRIPLESEAL CATCODE: PBS047</p>  <p>Triple Lip Seal Suits Integral/HT Hub</p>	<p>PWSEAL30X52X07 CATCODE: PBS048</p>  <p>JD1870 and SB PW Seal 30 x 52 x 07</p>
<p>SEALAPP CATCODE: PWA006</p>  <p>Suits MSAHD-OLD</p>	<p>MSAHD CATCODE: PBS056 (NEW MODEL 2019)</p>  <p>Seal A TYPE Heavy Duty Suits Integral</p>	<p>PWSEAL28X47X7 CATCODE: PBS044</p>  <p>Oil seal for aluminium sealed bearing hubs</p>	<p>PWMSEAL25X52X05 CATCODE: PBS054</p>  <p>Metal seal for JD1870 press wheel</p>
<p>MSAHD-WASHER CATCODE: PBS058</p>  <p>Washer to be used with older model press wheel</p>	<p>JDSHIMM-1MM CATCODE: PBS059</p>  <p>1mm Hardened Shim (16mm ID)</p>	<p>PWCS48688 CATCODE: PBS044</p>  <p>Oil seal for HD coultter swivels</p>	<p>JDSHIM25 CATCODE: PBS061</p>  <p>1mm Shim 25mm OD 17mm ID</p>
<p>DDO-EZYHUBSEAL CATCODE: PBS027 Sow EZY disk hub seal</p> 			

Miscellaneous

<p>PWBNG/GRSS CATCODE: PBS027</p>  <p>Bearing Packer - Small Taper Bngs</p>	<p>PWDCAPP CATCODE: PWA004</p>  <p>Dust Cap Applicator</p>	<p>PWBNG/GRSL CATCODE: PBS026</p>  <p>Bearing Packer - Large Taper Bngs</p>	<p>PWDC-SAH-APP CATCODE: PBS027</p>  <p>Slimline AgriHub - Dust Cap Applicator</p>
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DISCS


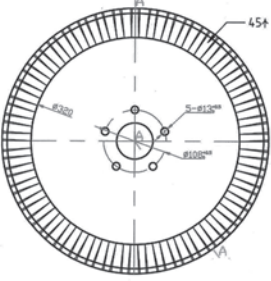

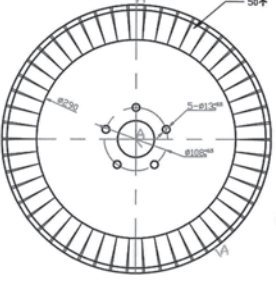
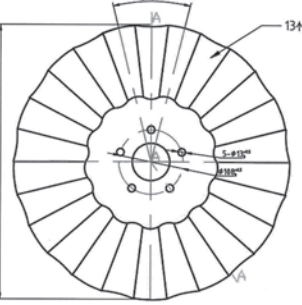
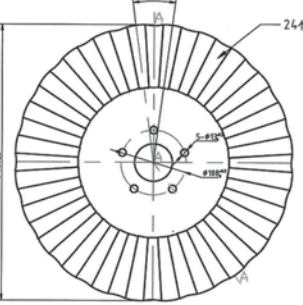

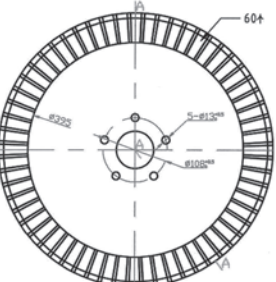
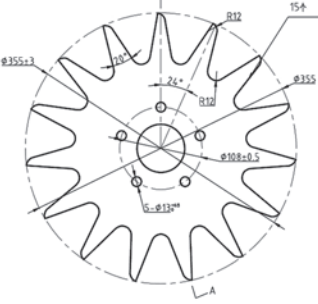
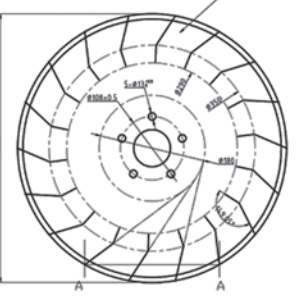
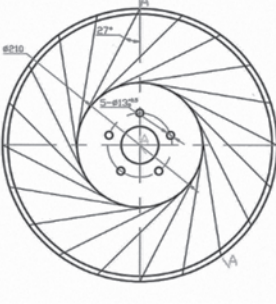
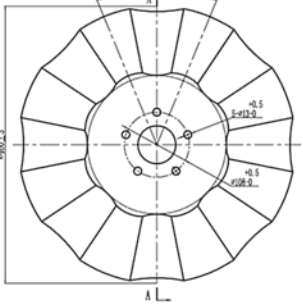


Section 8



8. DISCS

Coulter Discs - Available with Zero Maintenance Agri Hub Options

<p>CD16DBPHT CATCODE: PCO001</p>  <p>DIAMETER: 16" PATTERN: HT (5 x 108mm) TYPE: DB Plain THICKNESS: 4mm</p>	<p>CD16FHT CATCODE: PCO002</p>  <p>DIAMETER: 16" PATTERN: HT (5 x 108mm) TYPE: DB Fluted THICKNESS: 4mm</p>	<p>CD18DBPHT CATCODE: PCO003</p>  <p>*Note 1 DIAMETER: 18" PATTERN: HT (5 x 108mm) TYPE: DB Plain THICKNESS: 4mm</p>	<p>CD18FHT CATCODE: PCO004</p>  <p>DIAMETER: 18" PATTERN: HT (5 x 108mm) TYPE: DB Fluted THICKNESS: 4mm</p>
<p>CD18WV13HT CATCODE: PCO007</p>  <p>DIAMETER: 18" PATTERN: HT (5 x 108mm) TYPE: DB 13 x Wavy THICKNESS: 4mm</p>	<p>CD18WV24HT CATCODE: PCO008</p>  <p>DIAMETER: 18" PATTERN: HT (5 x 108mm) TYPE: DB 24 x Wavy THICKNESS: 4mm</p>	<p>CD20DBPHT CATCODE: PCO009</p>  <p>*Note 3 DIAMETER: 20" PATTERN: HT (5 x 108mm) TYPE: DB Plain THICKNESS: 5mm</p>	<p>CD20FHT CATCODE: PCO010</p>  <p>DIAMETER: 20" PATTERN: HT (5 x 108mm) TYPE: DB Fluted THICKNESS: 5mm</p>
<p>CD14RWHT CATCODE: PCO239</p>  <p>DIAMETER: 18" PATTERN: HT (5 x 108mm) TYPE: Trash Wheel THICKNESS: 10mm</p>	<p>CD18STHT CATCODE: PCO322</p>  <p>DIAMETER: 18" PATTERN: HT (5 x 108mm) TYPE: DB - X -Wave THICKNESS: 4mm</p>	<p>CD18THT CATCODE: PCO006</p>  <p>DIAMETER: 18" PATTERN: HT (5 x 108mm) TYPE: DB Wavy Coulter THICKNESS: 4mm</p>	<p>CD18WV8HT CATCODE: PCO321</p>  <p>DIAMETER: 18" PATTERN: HT (5 x 108mm) TYPE: DB 8 x Wavy THICKNESS: 4mm</p>

DDO-PLDISC

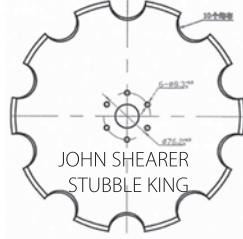
CATCODE: PSP027

JOHN SHEARER
STUBBLE KING

DIAMETER: 15"
PATTERN: 6x76.2mm/6x75mm
TYPE: SB PLAIN
THICKNESS: 4mm

DDO-SCDISC

CATCODE: PSP036

JOHN SHEARER
STUBBLE KING

DIAMETER: 22"
PATTERN: 6x76.2mm/6x75mm
TYPE: Scalloped Disc
THICKNESS: 5mm

CD18SBPHT

CATCODE: PCO005



DIAMETER: 18"
PATTERN: HT (5 x 108mm)
TYPE: SB Plain
THICKNESS: 5mm

CD20SBPHT

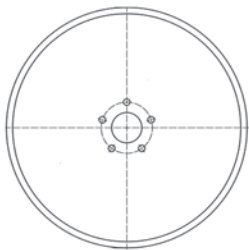
CATCODE: PCO319



DIAMETER: 20"
PATTERN: HT (5 x 108mm)
TYPE: DB Plain
THICKNESS: 6mm

CD22SBPHT

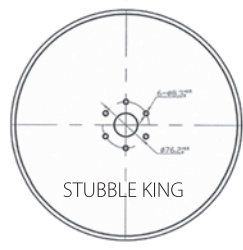
CATCODE: PCO120



DIAMETER: 22"
PATTERN: HT (5 x 108mm)
TYPE: Single Bevel Plain
THICKNESS: 6mm

DDO-PLDISC-6

CATCODE: PSP120

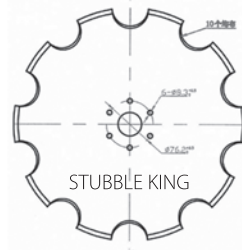


STUBBLE KING

DIAMETER: 15"
PATTERN: 6 x 76.2mm
TYPE: SB PLAIN
THICKNESS: 6mm

DDO-SCDISC-6

CATCODE: PSP110

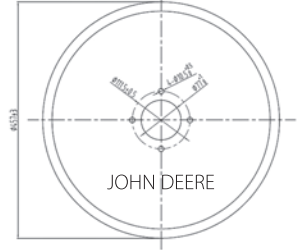


STUBBLE KING

DIAMETER: 15"
PATTERN: 6 x 76.2mm
TYPE: Scalloped Disc
THICKNESS: 6mm

JDDISC18X6

CATCODE: PCO294

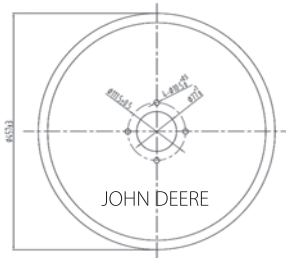


JOHN DEERE

DIAMETER: 18"
PATTERN: 4 x 111.5mm
TYPE: SB Plain
THICKNESS: 6mm

JDDISC18X5

CATCODE: PCO293

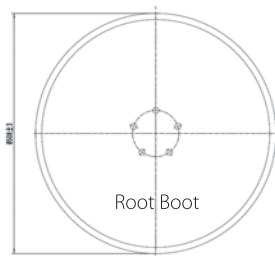


JOHN DEERE

DIAMETER: 18"
PATTERN: 4 x 111.5mm
TYPE: SB Plain
THICKNESS: 5mm

CD20SB6-AH5

CATCODE: PCO317

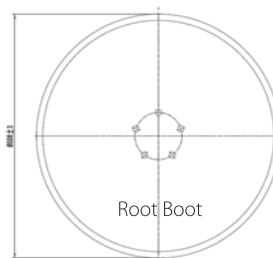


Root Boot

DIAMETER: 20"
PATTERN: 5 x 98mm (SKF)
TYPE: SB Plain
THICKNESS: 6mm

CD20SB8-AH5

CATCODE: PCO318

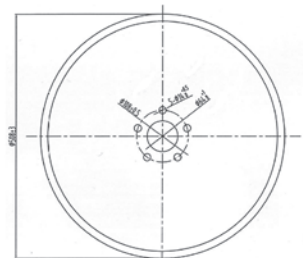


Root Boot

DIAMETER: 20"
PATTERN: 5 x 98 (SKF)
TYPE: SB Plain
THICKNESS: 8mm

CD20SBPHT-1/2

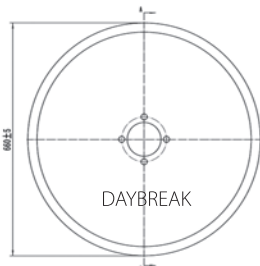
CATCODE: PCO320



DIAMETER: 20"
PATTERN: HT (5x108mm)
TYPE: SB Plain
THICKNESS: 6mm

CD26SBP-4X127

CATCODE: PCO307

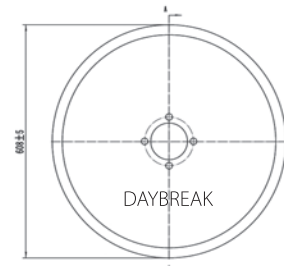


DAYBREAK

DIAMETER: 26"
PATTERN: 4 x 27mm
TYPE: SB Plain
THICKNESS: 6mm

CD24SBP-4X127

CATCODE: PCO306

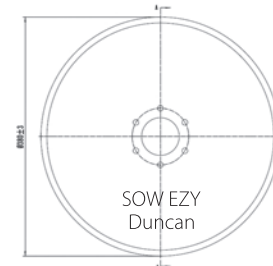


DAYBREAK

DIAMETER: 24"
PATTERN: 4 x 127mm
TYPE: SB Plain
THICKNESS: 6mm

DDO-PLEZY

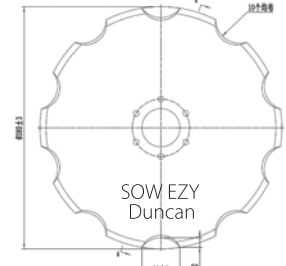
CATCODE: PCO324

SOW EZY
Duncan

DIAMETER: 15"
PATTERN: 6x95.5mm/6x90mm
TYPE: SB Plain
THICKNESS: 4mm

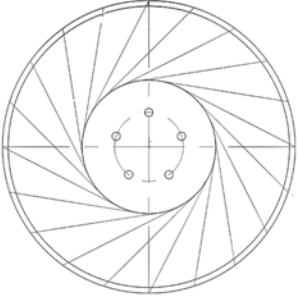
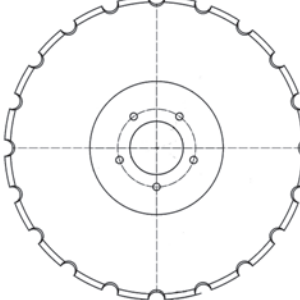
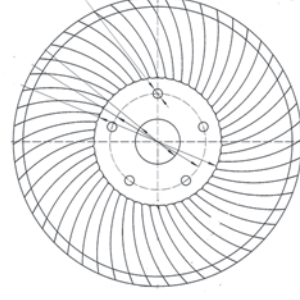
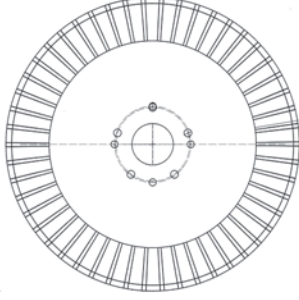
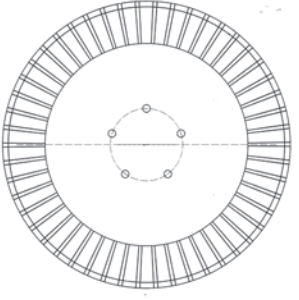

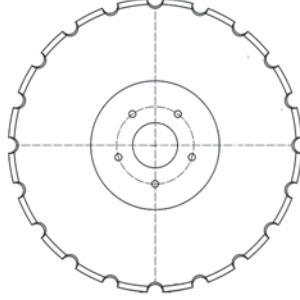
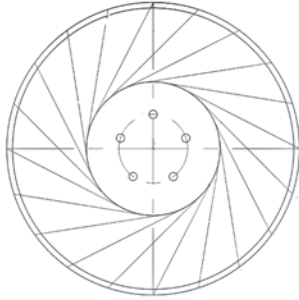
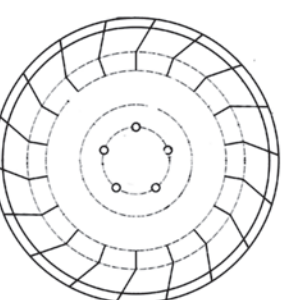
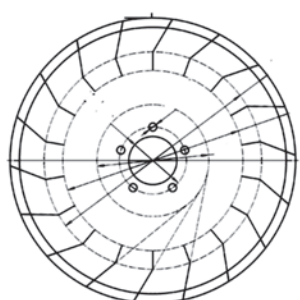
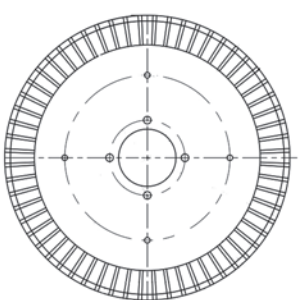
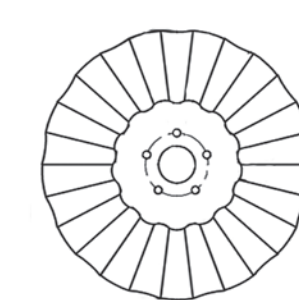
DDO-SCEZY

CATCODE: PCO325

SOW EZY
Duncan

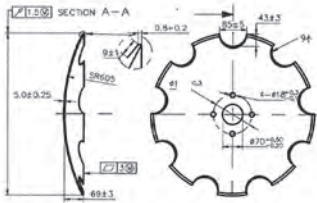
DIAMETER: 15"
PATTERN: 6 x 95.5mm/6x90mm
TYPE: SB Scalloped
THICKNESS: 4mm

Coulter Discs - Available with zero maintenance Agri Hub options

<p>CD14DHT CATCODE: PCO104</p>  <p>DIAMETER: 16" PATTERN: HT (5 x 108mm) TYPE: DB Directa THICKNESS: 4mm</p>	<p>CD16SC20HT CATCODE: PCO104</p>  <p>DIAMETER: 16" PATTERN: HT (5 x 108mm) TYPE: DB 20x Scallops THICKNESS: 4mm</p>	<p>CD16THT CATCODE: PCO105</p>  <p>DIAMETER: 16" PATTERN: HT (5 x 108mm) TYPE: DB Max-Til THICKNESS: 4mm</p>	<p>CD18FHT-JD CATCODE: PCO004-JD</p>  <p>DIAMETER: 18" PATTERN: HT + JOHN DEERE TYPE: DB Fluted THICKNESS: 4mm</p>
<p>CD18FHT-SAH CATCODE: PCO004-SAH</p>  <p>DIAMETER: 18" PATTERN: HT (5 x 108mm) TYPE: DB Fluted THICKNESS: 4mm No Centre Hole</p>	<p>CD18SC10HT CATCODE: PCO109</p>  <p>DIAMETER: 18" PATTERN: HT (5 x 108mm) TYPE: DB 10x Scallops THICKNESS: 4mm</p>	<p>CD18SC20HT CATCODE: PCO110</p>  <p>DIAMETER: 18" PATTERN: HT (5 x 108mm) TYPE: DB 20x Scallops THICKNESS: 5mm</p>	<p>CD18THT-SAH CATCODE: PCO006-SAH</p>  <p>DIAMETER: 18" PATTERN: HT (5 x 108mm) TYPE: DB Max-Til THICKNESS: 4mm No Centre Hole</p>
<p>CD18XWHT-SAH CATCODE: PCO111-SAH</p>  <p>DIAMETER: 18" PATTERN: HT (5 x 108mm) TYPE: DB Cross Wave THICKNESS: 4mm No Centre Hole</p>	<p>CD18XWHT-GA CATCODE: PCO114</p>  <p>DIAMETER: 18" PATTERN: HT (5 x 108mm) TYPE: DB Cross Wave THICKNESS: 4mm Centre Hole 77.5 (GASON)</p>	<p>CD20FY CATCODE: PCO115</p>  <p>DIAMETER: 20" PATTERN: 4x133mm (YETTA) TYPE: DB Fluted THICKNESS: 5mm</p>	<p>CD22WV13HT CATCODE: PCO304</p>  <p>DIAMETER: 18" PATTERN: HT (5 x 108mm) TYPE: DB 13 x Wavy THICKNESS: 6mm</p>

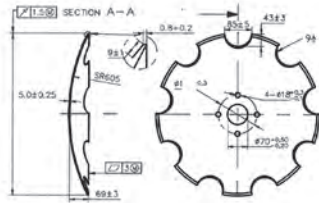
Plough Discs

CD22SCDISH5MM
CATCODE: PCO011



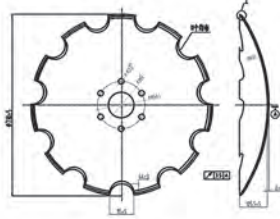
*Note 2
DIAMETER: 22"
PATTERN: 4 x 137mm
TYPE: Scalloped Dish
THICKNESS: 5mm

CD22SCDISH6MM
CATCODE: PCO303



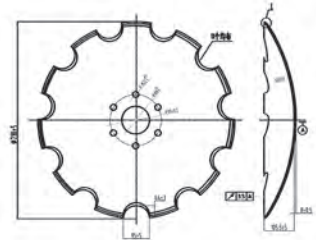
*Note 2
DIAMETER: 22"
PATTERN: 4 x 137mm
TYPE: Scalloped Dish
THICKNESS: 6mm

CD28SCDISH-6
CATCODE: PCO309



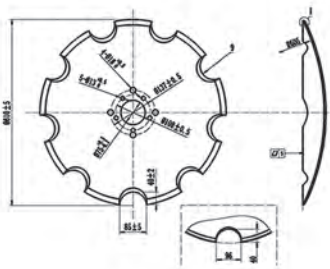
DIAMETER: 28"
PATTERN: 6 x 185 x 22 x 100
TYPE: Scalloped Dish
THICKNESS: 6mm

CD28SCDISH-8
CATCODE: PCO310



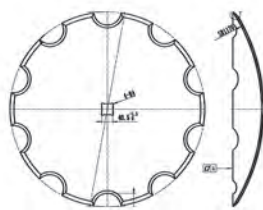
DIAMETER: 28"
PATTERN: 6 x 185 x 22 x 100
TYPE: Scalloped Dish
THICKNESS: 8mm

CD24SCDISH6MM
CATCODE: PCO011



DIAMETER: 24"
PATTERN: 4 x 137mm
TYPE: Scalloped Dish
THICKNESS: 6mm

CD28SCDISH40-10
CATCODE: PCO011



DIAMETER: 28"
PATTERN: 40mm SQ centre
TYPE: Scalloped Dish
THICKNESS: 10mm

***Notes:**

- Also available in 5mm and 6mm to suit 1/2" studs
- Also available in HT pattern to suit AgriHubs (Zero maintenance)
- Also available to suit 1/2" studs

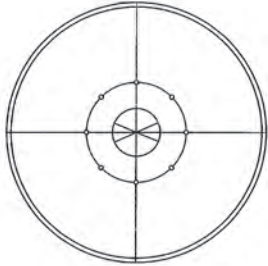
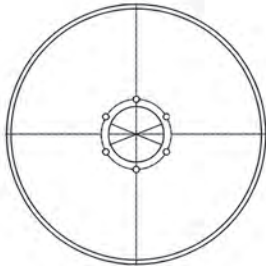
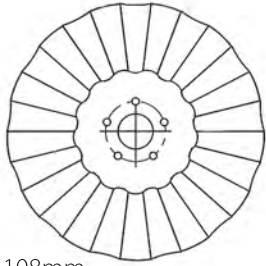
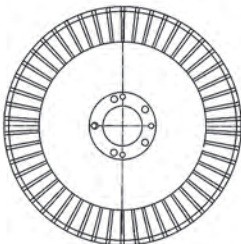
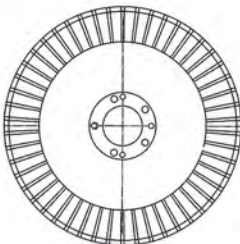
Zero Maintenance Disc Hubs

Manutec now has available Zero Maintenance fully sealed hubs for use with all HT pattern discs.



Manutec can make discs to order to suit new or to improve existing applications. We also have access to a large range of other OEM discs through our supply network.

Other Miscellaneous Discs

<p>CD30DB8X292 CATCODE: PCO312</p>  <p>DIAMETER: 30" TYPE: DB Plain PATTERN: 8 X 292 X 12.5mm THICKNESS: 10mm</p>	<p>CD30DB6X205 CATCODE: PCO311</p>  <p>DIAMETER: 30" PATTERN: 6 x 205mm TYPE: DB Plain THICKNESS: 10mm</p>	<p>CD26WV13HT CATCODE: PCO308</p>  <p>DIAMETER: 26" PATTERN: HT 5 x 108mm TYPE: Wavy (13) THICKNESS: 6mm</p>
<p>CD18ALPHADISC-4MM CATCODE: ALPHA</p>  <p>DIAMETER: 18" TYPE: ALPHA Disc PATTERN: Fluted THICKNESS: 4mm</p>	<p>CD18ALPHADISC-5MM CATCODE: ALPHA</p>  <p>DIAMETER: 18" TYPE: ALPHA Disc PATTERN: Fluted THICKNESS: 5mm</p>	

Coulter Cheeks & Drums

<p>PWCOULCHEEK12 CATCODE: PCO013</p>  <p>DIAMETER: 12" X 2" PATTERN: HT (5 x 108) CENTRE HOLE: 78mm</p>	<p>PWCOULCHEEK14 CATCODE: PCO014</p>  <p>DIAMETER: 14" X 2" PATTERN: HT (5 x 108) CENTRE HOLE: 78mm</p>	<p>CDDRUM12X3 CATCODE: PCO315</p>  <p>DIAMETER: 12" X 3" PATTERN: HT (5 x 108) CENTRE HOLE: 78mm</p>
<p>CDDRUM12 CATCODE: PCO314</p>  <p>DIAMETER: 12" X 2" PATTERN: HT (5 x 108) CENTRE HOLE: 78mm</p>	<p>CDDRUM11X3 CATCODE: PCO313</p>  <p>DIAMETER: 11" X 3" PATTERN: HT (5 x 108) CENTRE HOLE: 78mm</p>	<p>CDDRUM12X3-GA CATCODE: PCO</p>  <p>DIAMETER: 12" X 3" PATTERN: HT (5 x 108) CENTRE HOLE: 78mm Note: Support Rib Ø153</p>

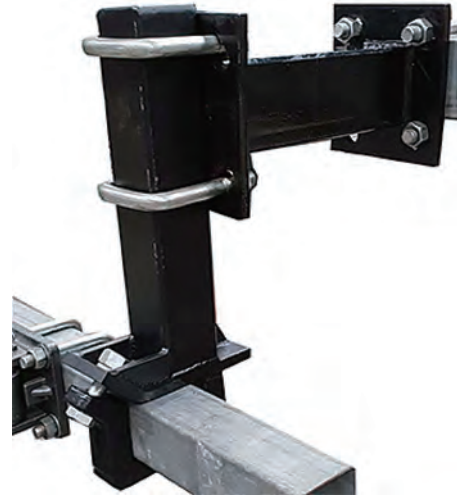
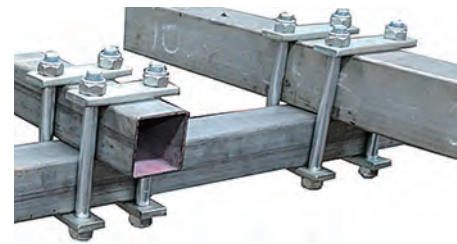
Coulter Hubs

<p>PWHTH-S/SGNRD CATCODE: PAX042</p>  <p>P/Wheel Holden H.T. Hub - Rnd Stub Axle, Complete (Grease Nipple) with seals</p>	<p>PWHTH-S/SGNSQ CATCODE: PAX044</p>  <p>P/Wheel Holden H.T. Hub - SQ Stub Axle, Complete (Grease Nipple) with seals</p>	<p>PWCOULTHUBCOMP CATCODE: PCO034</p>  <p>Coulter Hub- Axle-Bearings- Seals etc</p>	<p>PWHUB/AH5 CATCODE: PBS051</p>  <p>5x98 AgriHub Root Boot</p>
<p>DDO-DBHUB CATCODE: PSP012</p>  <p>Double Bearing Hub DR169M Suits Double Disc Opener</p>	<p>DDO-SBHUB CATCODE: PSP033</p>  <p>Single Bearing Hub DR168M Suits Double Disc Opener</p>	<p>PWHUB/AHSA CATCODE: PBS057</p> 	<p>PWHUB/AH-HT CATCODE: PBS053</p>  <p>5x108 Agrihub Alpha Disc</p>

Overcaps

<p>PWOCAP/HT60 CATCODE: POC005</p>  <p>Galvanised Steel Overcap 60mm deep. 5 x 108 stud pattern to suit HT</p>	<p>PWOCAP/HT80 CATCODE: POC006</p>  <p>Galvanised Steel Overcap 80mm deep. 5 x 108 stud pattern to suit HT</p>	<p>PWOCAP/BMW60 CATCODE: POC001</p>  <p>Galvanised Steel Overcap 60mm deep. 4 x 100 stud pattern</p>	<p>PWOCAP/FORD70 CATCODE: POC003</p>  <p>Galvanised Steel Overcap 70mm deep. 5 x 114.3 stud pattern to suit Ford</p>
<p>PWSHI-4H CATCODE: POC008</p>  <p>4x98 Agrihub Cover plate</p>	<p>PWSHI-5H CATCODE: POC009</p>  <p>5x98 Agrihub Cover plate</p>	<p>PWSHI-5HT CATCODE: POC010</p>  <p>5x108 Agrihub Cover plate</p>	<p>PWSHI-5HTSA CATCODE: POC011</p>  <p>5x108 Slimline Agrihub Cover plate</p>

UBOLTS

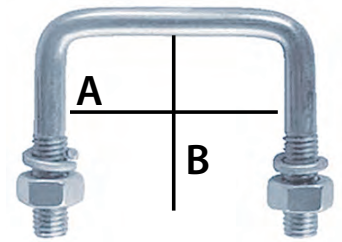


Section 9

9. UBOLTS

Ubolts

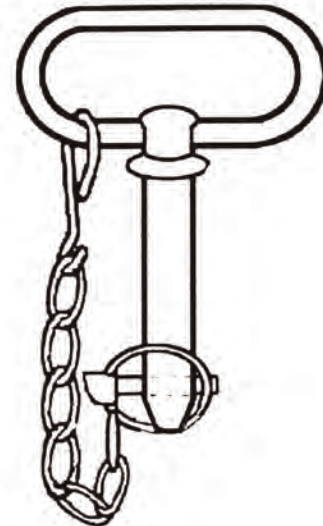
Item Code	A	B	C	Description
UBOLT3X3	73mm	75mm	11.2mm	U-Bolt 3" (Zinc Plated) For use with U Bolt swivel bracket. To suit 3" x 2" draw bar
UBOLT4X3	102mm	77mm	11.2mm	U-Bolt 4" (Zinc Plated) For use with U Bolt swivel bracket. To suit 4" x 2" draw bar
UBOLT3X4	78mm	102mm	12.5mm	U-Bolt 3" (Zinc Plated) For use with U Bolt swivel bracket. To suit 3" x 3" draw bar
UBOLT3X3GALV	78mm	77mm	11.2mm	U-Bolt 3" (Galvanised) For use with U Bolt swivel bracket. To suit 3" x 2" draw bar. Nuts/spring washers included
UBOLT4X3GALV	102mm	77mm	11.2mm	U-Bolt 4" (Galvanised) For use with U Bolt swivel bracket. To suit 4" x 2" draw bar. Nut/spring washers included
UBOLT3X4GALV	78mm	102mm	12.5mm	U-Bolt 3" (Galvanised) For use with U Bolt swivel bracket. To suit 3" x 3" draw bar. Nut/spring washers included
UBOLT-SPRWHL	95mm		12.5mm	U-Bolt - Spare Wheel (Zinc Plated) Designed for fixing spare wheel to draw bar.
UBOLT150X90	150mm	90mm	12mm	U-Bolt " (Zinc Plated) 150mm x 90mm to suit 6"x3" draw bar



Draw Bar Pins

Includes chain & spring clip

Item code	Size	Coating	Weight
DBP12X110	12 x 110	Gold Zinc	600mm
DBP16X98	16 x 98 (5/8")	Gold Zinc	900mm
DBP16X187	16 x 187	Gold Zinc	900mm
DBP19X98	19 x 98 (3/4")	Gold Zinc	900mm
DBP20X230	20 x 230	Gold Zinc	900mm
DBP20X230	22 x 159 (7/8")	Gold Zinc	600mm
DBP25.4X159	25.4 x 159 (1")	Gold Zinc	900mm
DBP25.4X183	25.4 x 183 (1")	Gold Zinc	900mm
DBP28.6X184	28.6 x 184 (11/8")	Gold Zinc	600mm
DBP32X184	32mm x 184mm (11/4")	Gold Zinc	900mm



Assembly Pins



PWTYNEFIXPIN

CATCODE: PSP061
Fixed Tyne Mount Swivel Pin

Size 19mm x 95mm



PWTYNEPIN

CATCODE: PSP063
Tyne Mount Swivel Pin

Size 19mm x 120mm



PWGANGQRPIN

CATCODE: PMG152
Pin for Quick Release Gang Mounting Arms

Size 25mm x 130mm



PWMAP6

CATCODE: PMG171
Gang Mounting Arm Bracket Pin

Size 20mm x 200mm



PWFOLDPIN

CATCODE: PWA033
Pin

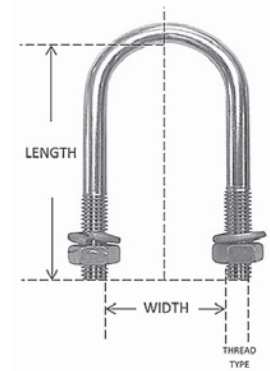
Size 10mm x 90mm

Spring Kit - Ubolt Cheat Sheet

Round Ubolts

When using 8mm Fish Plates & 8mm Axle Pads, (For Slipper, Eye-Eye Shackle, Roller Rocker 3-7 Leaf, Tandem Eye-Eye Rocker Spring Sets)

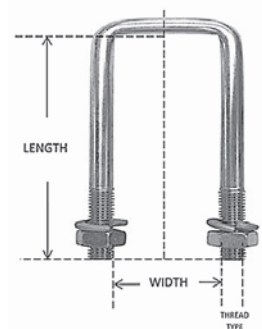
length	6mm	Leaf	39mm	45mm	50mm
		3	UBOLT39X4RD	UBOLT45X4.5RD	UBOLT50X4.5RD
6mm	4	UBOLT39X4RD	UBOLT45X4.5RD	UBOLT50X4.5RD	
	5	UBOLT39X4.5RD	UBOLT45X5RD	UBOLT50X5RD	
	6	UBOLT39X5RD	UBOLT45X5RD	UBOLT50X5RD	
	7	UBOLT39X5RD	UBOLT45X5RD	UBOLT50X5.5RD	
	9	UBOLT39X5.5RD	UBOLT45X6RD	UBOLT50X6RD	
	8mm	3	UBOLT39X4RD	UBOLT45X4.5RD	UBOLT50X5RD
4		UBOLT39X5RD	UBOLT45X5RD	UBOLT50X5RD	
5		UBOLT39X5RD	UBOLT45X5RD	UBOLT50X5RD	



Square Ubolts

When using 8mm Fish Plates & 8mm Axle Pads, (For Slipper, Eye-Eye Shackle, Roller Rocker 3-7 Leaf, Tandem Eye-Eye Rocker Spring Sets)

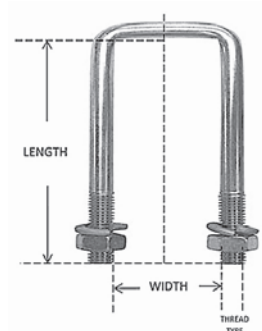
length	6mm	Leaf	40mm	45mm	50mm
		3	UBOLT40X4.5SQ	UBOLT45X5SQ	UBOLT50X4.5SQ
6mm	4	UBOLT40X4.5SQ	UBOLT45X5SQ	UBOLT50X5SQ	
	5	UBOLT40X5SQ	UBOLT45X5SQ	UBOLT50X5SQ	
	6	UBOLT40X5SQ	UBOLT45X5SQ	UBOLT50X5SQ	
	7	UBOLT40X5SQ	UBOLT45X5SQ	UBOLT50X5.5SQ	
	9	UBOLT40X5.5SQ	UBOLT45X6SQ	UBOLT50X6.5SQ	
	10		UBOLT45X6.5SQ	UBOLT50X7SQ	
8mm	3	UBOLT40X4.5SQ	UBOLT45X5SQ	UBOLT50X5SQ	
	4	UBOLT40X5SQ	UBOLT45X5SQ	UBOLT50X5SQ	
	5	UBOLT40X5SQ	UBOLT45X5.5SQ	UBOLT50X5.5SQ	
	6		UBOLT45X6SQ		



Square Ubolts - Heavy Duty

When using 10mm Fish & 10mm Axle Pads (Off Road Eye-Eye & 8 Leaf Roller Rocker)

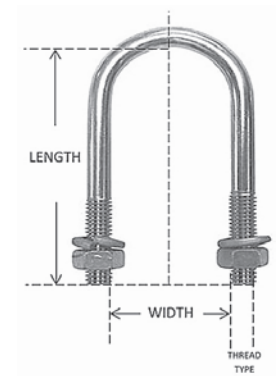
length	6mm	Leaf	45mm	50mm	63mm
		6	UBOLT45X5.5SQ58		
6mm	7	UBOLT45X6SQ58	UBOLT50X6SQ58		
	8	UBOLT45X6.5SQ58	UBOLT50X6.5SQ58		
	9		UBOLT50X7SQ58	UBOLT63X7SQ58	
	10			UBOLT63X8SQ58	



Suspension Ubolts

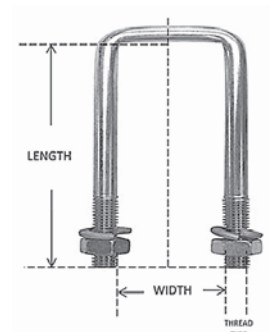
Round Ubolts 1/2"

	Leaf	39mm	45mm	50mm
length	4"	UBOLT39X4RD		
	4.5"	UBOLT39X4.5RD	UBOLT45X4.5RD	UBOLT50X4.5RD
	5"	UBOLT39X5RD	UBOLT45X5RD	UBOLT50X5RD
	5.5"	UBOLT39X5.5RD	UBOLT45X5.5RD	
	6"		UBOLT45X6RD	UBOLT50X6RD
	6.5"			
	7"			UBOLT50X7RD



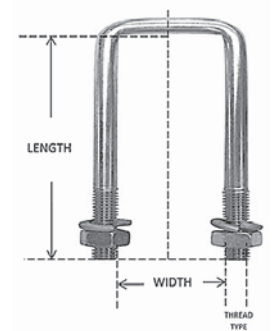
Square Ubolts 1/2"

	Leaf	39mm	45mm	50mm
length	4"			
	4-5"	UBOLT40X4.5SQ	UBOLT45X4.5SQ	UBOLT50X4.5SQ
	5"	UBOLT40X5SQ	UBOLT45X5SQ	UBOLT50X5SQ
	5.5"	UBOLT40X5.5SQ	UBOLT45X5.5SQ	
	6"		UBOLT45X6SQ	UBOLT50X6SQ
	6.5"		UBOLT45X6.5SQ	UBOLT50X6.5SQ
	7"			UBOLT50X7SQ



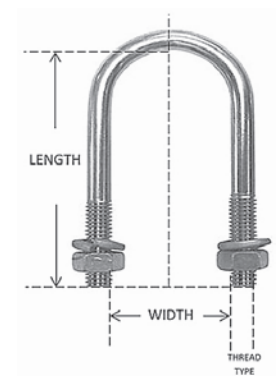
Square Ubolts - Heavy Duty 5/8"

	Leaf	65mm	45mm	50mm
length	5.5"	UBOLT45X5.5SQ58		
	6"	UBOLT45X6SQ58	UBOLT50X6SQ58	
	6.5"	UBOLT45X6.5SQ58	UBOLT50X6.5SQ58	
	7"		UBOLT50X7SQ58	UBOLT63X7SQ58
	8"			UBOLT63X8SQ58



Round Ubolts - Heavy Duty 5/8"

	Leaf	65mm
length	7"	UBOLT65X7RD58
	8"	UBOLT65X8RD58



Identify Ubolt For Spring Kit

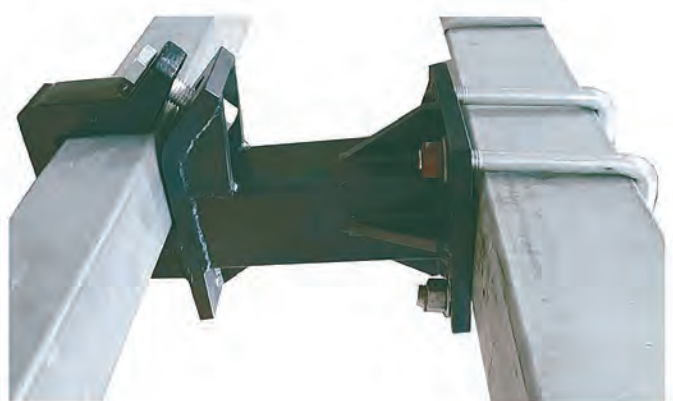
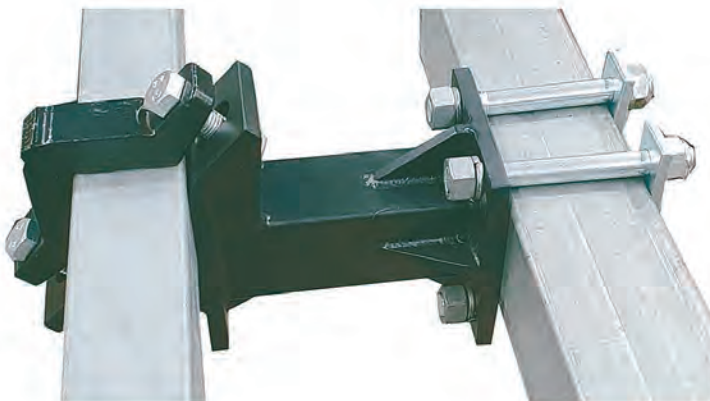
AXLE + SPRING DEPTH (LEAF THICKNESS X NO. OF LEAVES) + 50mm
 (add 50mm extra to allow for nut to be secure on Ubolt) = formula will give value in millimetres
 TO CONVERT TO INCHES ÷ 25.4

EXAMPLE

If Ubolts are required for SPRING: 7mm, 9 leaf. AXLE: square 50mm:
 $50 \text{ (axle)} + 63 \text{ (7 x 9)} + 50 \text{ (extra 50mm)} = 163\text{mm} \div 25.4 = 6.41$
 6 1/2" Ubolt required

Agricultural Ubolts

<p>PWUBOLT/3X3-HT High Tensile Ubolt (16mm)</p> 	<p>PWUBOLT/3X3HD-HT High Tensile Ubolt (20mm)</p> 	<p>PWUBOLT/4X4-HT High Tensile Ubolt (16mm)</p> 	<p>PWUBOLT/4X4HD-HT High Tensile Ubolt (20mm)</p> 
<p>PWUBOLT/105X100HD 105x100x20mm suits 4x3 section</p> 	<p>PWUBOLT/80X75HD 80x75x20mm suits 3x2 section</p> 	<p>PW3X4SP-20 3x4 shackle plate and bolt (20mm) suits 3x4 section</p> 	<p>PW3X4SP-16 3x4 shackle plate and bolt suits 3x4 section (16mm)</p> 
<p>PW3SP-16 Shackle plate set to suit 3x3 (75x75) - 16mm</p> 	<p>PW4SP-16 Shackleplate set to suit 4x4 (100x100) - 16mm</p> 	<p>PW3SP-20 Shackle plate set to suit 3x3 (75x75) - 20mm</p> 	<p>PW4SP-20 Shackle plate set to suit 4x4 (100x100) - 20mm</p> 
<p>PW3X3X3SP Shackle plate & bolts to suit 3x3 to 3x3 join - 20mm</p> 	<p>PW4X12SP Shackle plate 4" to suit 20mm bolts</p> 	<p>PW3X12SP Shackle plate 3" to suit 20mm bolts</p> 	<p>PW3X3X4SP Shackle plate & bolts to suit 3x3 to 4x4 join - 20mm</p> 



Agricultural Ubolts

<p>PWUBOLT/25x60 U-Bolt 25 x 60 x 12.5 (Nylocs)</p> 	<p>PWUBOLT/25X100 U-Bolt 25 x 100 x 12.5 (Nylocs)</p> 	<p>PWUBOLT/30x100 U-Bolt 30 x 100 x 12.5 (Nylocs)</p> 	<p>PWUBOLT/40x100 U-Bolt 40 x 100 x 12.5 (Nylocs)</p> 
<p>PWUBOLT/50x60 U-Bolt 50 x 60 x 12.5 (Nylocs)</p> 	<p>PWUBOLT/50X85 U-Bolt 50 x 85 x 12.5 (Nylocs)</p> 	<p>PWUBOLT/50X125 U-Bolt 50 x 125 x 12.5 (Nylocs)</p> 	<p>PWUBOLT/50X185 U-Bolt 50 x 185 x 12.5 (Nylocs)</p> 
<p>PWUBOLT/80x105HD U-Bolt 80 x 105 x 20 (Nylocs) Suits 3x3 section</p> 	<p>PWUBOLT/80x115 U-Bolt 80 x 115 x 16 (Nylocs) Suits 3x3 section</p> 	<p>PWUBOLT/105X125HD U-Bolt 105 x 125 x 20 (Nylocs) Suits 4x4 section</p> 	<p>PWUBOLT/105x145 U-Bolt 105 x 145 x 16 (Nylocs) Suits 4x4 section</p> 
<p>PWSEEDUBOLTSQ Ubolts for Adjustable Seed Tube Connecting Arms. 45 x 65 x 13</p> 	<p>PWSEEDUBOLT Ubolts for Seed Boot Tube Connecting Arms. 45 x 70 x 13</p> 	<p>PWSEEDUBOLT100 100mm UBolt for Seed Boot Tube Connecting Arm. 50 x 100 x 15</p> 	<p>PWUBOLT/HARROW U-Bolt to suit Harrow Arms 75 x 140 x 16</p> 
<p>PWUBOLT/80x90 U-Bolt 80 x 90 to suit Gang (Nylocs)</p> 	<p>PWUBOLT/GANG U-Bolt 20mm diamond back to suit flexi coil gang mounting brackets on 100 x 100 frame</p> 	<p>PWUBOLT/SHEARER U-Bolt 16mm Diamond Back to suit Shearer 75 x75 bar on diamond</p> 	<p>PWBRACKET-SHEARER Bracket to suit Shearer u-bolt. To mount flat bracketto shearer diamond bar to shearer diamond bar.</p> 

TRAILER COMPONENTS



Section 10

Heavy Duty Components

ASSW-HD

Heavy Duty Adjustable Stand (Side Winding)

Outer Tube:

80mm x 80mm x 4mm

Inner Tube:

70mm x 70mm x 4mm

Closed Height: 580mm

Lift: 310mm

Static Load Capacity: 4000kg

Drive Ratio: 2:5:1

Finish: Black Paint

Unit Weight: 15.0kg



ASSW-DLHD

Heavy Duty Adjustable Stand (Side Winding) w/ Drop Leg

Outer Tube: 80mm x 80mm x 4mm

Inner Tube: 70mm x 70mm x 4mm

Drop Leg: 60mm x 60mm

Closed Height: 650mm

Lift: 240mm

Leg Extension: 280mm

Static Load Capacity: 2500kg

Drive Ratio: 2:5:1

Finish: Zinc

Unit Weight: 18.3kg

2.5 Tonne



ASSW-H

Heavy Duty Adjustable Stand (Side Winding)

Outer Tube:

70mm x 70mm x 4mm

Inner Tube:

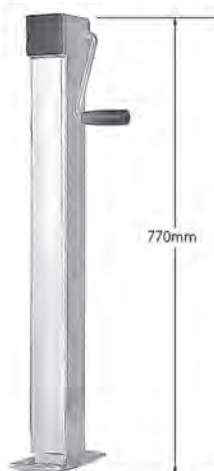
60mm x 60mm x 4mm

Lift: 350mm

Unit Weight: 12.8kg

Static Load Capacity: 2000kg

2 Tonne



ASSW-DL

Heavy Duty Adjustable Stand (Side Winding) w/ Drop Leg

Outer Tube:

70mm x 70mm x 4mm

Inner Tube:

60mm x 60mm x 4mm

Drop Leg:

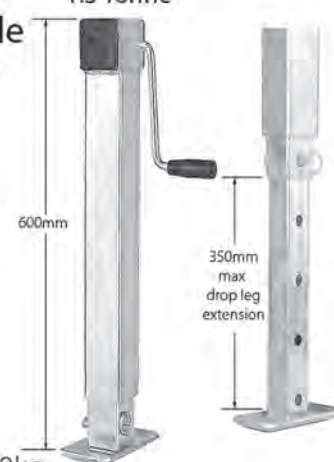
50mm x 50mm x 3mm

Lift: 350mm

Unit Weight: 11.6kg

Static Load Capacity: 1500kg

1.5 Tonne



AS-MTHD

Heavy Duty Mounting Tubes (swivel) for Adjustable Stands

Unit Weight: 1.75kg

Static Load Capacity: 4000kg



AS-HDSB1

Pin Locking Swivel

Bracket for Heavy Duty

(ASSW-H/ASS-DL) Adjustable Stands

Unit Weight: 4.9kg

Static Load Capacity: 2000kg

Suits 70mm x 70mm outer tube. To suit ASSW-H & ASSW-DL



Heavy Duty Components

FORD PATTERN

Item Code	PCD	Studs	Bearings	Features
MHF5	4.5"	5 x 1/2" UNF	-	Cast
MHF5G	4.5"	5 x 1/2" UNF	-	Galvanised
MHF5A	4.5"	5 x 1/2" UNF	MLMA	Cast
MHF5A-J	4.5"	5 x 1/2" UNF	MLMA-J	Cast
MHF5GA	4.5"	5 x 1/2" UNF	MLMA	Galvanised
MHF5GA-L	4.5"	5 x 1/2" UNF	MLMA	Galv, loose cups
MHF5B	4.5"	5 x 1/2" UNF	MLMB	Cast
MHF5B-L	4.5"	5 x 1/2" UNF	MLMB	Cast
MHF5B-J	4.5"	5 x 1/2" UNF	MLMB-J	Cast
MHF5GB	4.5"	5 x 1/2" UNF	MLMB	Galvanised
MHF5GB-J	4.5"	5 x 1/2" UNF	MLMB-J	Galvanised



LANDCRUISER PATTERN

Item Code	PCD	Studs	Bearings	Features
MHTL5(150)	150mm	5 x 9/16" UNF	-	Cast
MHTL5B(150)	150mm	5 x 9/16" UNF	MLMB	Cast
MHTL5P	150mm	5 x 9/16" UNF	MLMP	Cast, Parallel bearing
MHTL6	139.7mm	6 x 1/2" UNF	-	Cast
MHTL6P	139.7mm	6 x 1/2" UNF	MLMP	Cast, Parallel bearing
MHTL6G	139.7mm	6 x 1/2" UNF	-	Galvanised
MHTL6A	139.7mm	6 x 1/2" UNF	MLMA	Cast
MHTL6GA	139.7mm	6 x 1/2" UNF	MLMA	Galvanised
MHTL6B	139.7mm	6 x 1/2" UNF	MLMB	Cast
MHTL6B-J	139.7mm	6 x 1/2" UNF	MLMB-J	Cast
MHTL6GB	139.7mm	6 x 1/2" UNF	MLMB	Galvanised
MHTL6GB-L	139.7mm	6 x 1/2" UNF	MLMB	Galv, loose cups
MHTL62TE	139.7mm	6 x 9/16" UNF	2 Tonne Bearings	Cast
MHTL63T	139.7mm	6 x 9/16" UNF	3 Tonne Bearings	Cast
MHTL63TF	139.7mm	6 x 9/16" UNF	3 Tonne Bearings	Cast



NARROW HT PATTERN (AGRICULTURAL APPLICATIONS)

Item Code	PCD	Studs	Bearings	Features
MHI5G	5 x 4.25"	5 x 7/16 UNF	MLMA	Galvanised
MHI5GA	5 x 4.25"	5 x 7/16 UNF	MLMA	MLMA Galvanised

A full range of braked hub drums and disc hub are also available.

MLMA = Holden / A Type / Standard / LM Bearings
 MLMA-J = Holden / A Type / Standard / LM Japanese Bearings
 MLMB = Heavy Duty / Slim Line / Ford / B Type Bearings
 MLMB-J = Heavy Duty / Slim Line / Ford / B Type Japanese Bearings

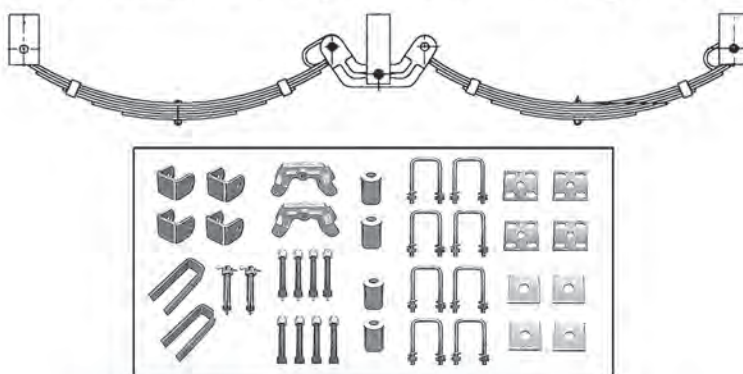


SUSPENSION SPRINGS

Manutec carries a full range of trailer suspension springs and components. Our range includes:

- Roller Rocker Springs
 - Slipper Springs
 - Eye to Eye Springs

All springs and components are available as complete sets or as individual components. All springs are available in either painted or marine galvanised finish.



AXLES AND STUBS

Manutec carries a full range of trailer axles and stubs from 39mm to 60mm. Additionally axles and stubs can be custom made from Australian made steel.

Manutec can provide fully assembled braked and unbraked axles and stub axle up to 3 tonne.



COMB TRAILERS

Manutec carries all suspension, parts, wheels, couplings and electrical components required for the manufacture of Comb trailers.

Brake Winches

BWDAC10:1W-SN

(WEB STRAP)

Single ratio 10:1 brake hand winch for line pull only. Dacromet paint. Hardened steel bushes

Web Strap: 7.5 metre with snap hook.

Unit Weight: 5.2kg

Line Pull Capacity: 500kg



BWDAC5:1W-SN

(WEB STRAP)

Single ratio 5:1 brake hand winch for line pull only. Dacromet paint. Hardened steel bushes

Web Strap: 7.5 metre with snap hook.

Unit Weight: 4.6kg

Line Pull Capacity: 300kg



BWDAC10:1C-SN

(STEEL CABLE)

Single ratio 10:1 brake hand winch for line pull only. Dacromet paint. Hardened steel bushes

Cable: 6mm Galv x 6 metre with snap hook.

Unit Weight: 5.2kg

Line Pull Capacity: 500kg



BWDAC5:1C-SN

(STEEL CABLE)

Single ratio 5:1 brake hand winch for line pull only. Dacromet paint. Hardened steel bushes

Cable: 7mm Galv x 7.5 metre with snap hook.

Unit Weight: 4.6kg

Line Pull Capacity: 300kg



BWDAC750KG-NC

(NO CABLE)

Single ratio 7:1 brake hand winch for line pull only. Dacromet paint. Hardened steel bushes

Cable: None.

Unit Weight: 23.6kg

Line Pull Capacity: 750kg



BWDAC750KG-RCSN

(ROPE CABLE)

Single ratio 7:1 brake hand winch for line pull only. Dacromet paint. Hardened steel bushes

Cable: Rope cable with snap hook.

Unit Weight: 23.9kg

Line Pull Capacity: 750kg



BWDAC750KG-SCSN

(STEEL CABLE)

Single ratio 7:1 brake hand winch for line pull only. Dacromet paint. Hardened steel bushes

Cable: 8mm Galv x 8.2 metre with snap hook.

Unit Weight: 25.8kg

Line Pull Capacity: 750kg



**All winches are rated for rolling load.
DO NOT use as a lifting winch.
Secure base using all bolt holes.
DO NOT use winch to secure load
during transport.**

Heavy Duty Components

HWRC10:5:1-SN

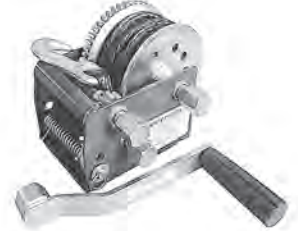
LOOSE HANDLE - NON BRAKED

Desc: Triple ratio 1:1, 5:1, 10:1 ratchet hand winch for line pull only. Grey plastic paint on zinc plated frame. Hardened steel bushes.

Rope Cable: 8mm 'HMPE' rope x 7.6 metre. With cast 'snap' hook (Silver)

Unit Weight: 5.0kg

Line Pull Capacity: 1000kg



SC6X4.2SK

GALV STEEL CABLE

Description: 6M x 4.2mm Galvanised steel cable with stainless steel 's' hook, complete with cable clamp.

Unit Weight: 0.60kg



SC6X5.4SK

GALV STEEL CABLE

Description: 6M x 5.4mm Galvanised steel cable with stainless steel 's' hook, complete with cable clamp.

Unit Weight: 0.95kg



SC7.6X5.4SN

GALV STEEL CABLE

Description: 7.6M x 5.4mm Galvanised steel cable with 'snap' hook, complete with cable clamp.

Unit Weight: 1.15kg

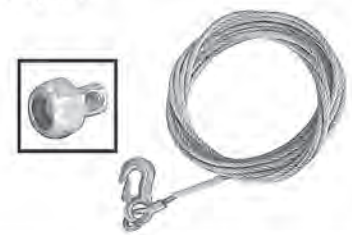


SC7.6X6.4SN

GALV STEEL CABLE

Description: 7.6M x 6.4mm Galvanised steel cable with 'snap' hook, complete with cable clamp.

Unit Weight: 1.35kg



RC7.6X7SVSN

WINCH ROPE CABLE - BLUE
'High Molecular Polyethylene'

Description: 7mm x 7.6m with cast 'snap' hook. Fixed by looping around centre shaft.

Line Pull Rating: 800kg

Breaking Capacity: 2650kg



RC7.6X8SVSN

WINCH ROPE CABLE - SILVER
'High Molecular Polyethylene'

Description: 8mm x 7.6m with cast 'snap' hook. Fixed by looping around centre shaft.

Line Pull Rating: 1200kg

Breaking Capacity: 3750kg



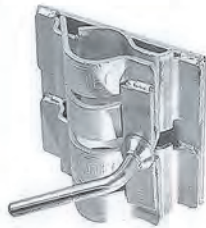
Heavy Duty Components

DOUBLE CLAMP

Weld-On.

Gives extra support on Standard and Medium range of Jockey Wheels and Stands. Ideal for use on the extra height Jockey Wheels using standard 48mm OD outer tube.

Unit Weight: 3.4kg



HDCLAMP60

Weld-On.

To suit Heavy Duty range of Jockey Wheels and Stands using Heavy Duty 60mm OD outer tube.

Unit Weight: 3.2kg

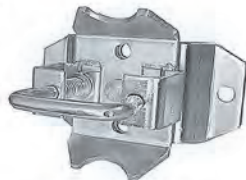


HDSB1

Bolt-on/Weld-on.

Pin Locking Swivel Bracket. To suit Heavy Duty range of Jockey Wheels and Stands using Heavy Duty 60mm OD outer tube.

Unit Weight: 3.7kg



HDSP

Weld-On.

Heavy Duty Swivel Plate. To suit Heavy Duty Jockey Wheels and Stands using Heavy Duty 60mm OD outer tube.

Unit Weight: 3.3kg

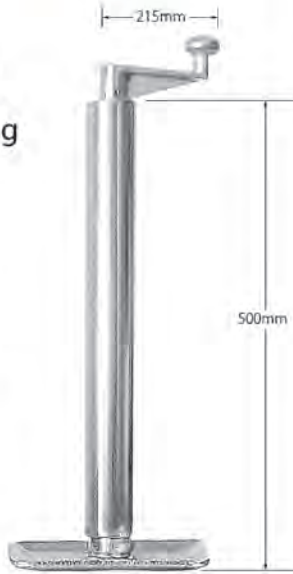


Heavy Duty Components

ASHD

Heavy Duty Adjustable Stand with heavy duty pin locking swivel brackets - SUPPLIED LOOSE

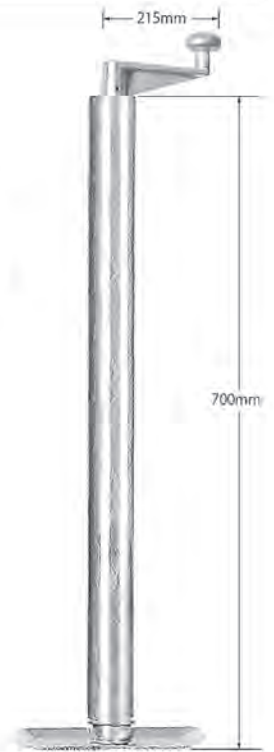
Lift: 225mm
Unit Weight: 10.8kg
Static Load Capacity: 1250kg



ASHDX

Heavy Duty Adjustable Stand Extra Height with heavy duty pin locking swivel brackets - SUPPLIED LOOSE

Lift: 225mm
Unit Weight: 13.7kg
Static Load Capacity: 1250kg



ASHDN

Heavy Duty Adjustable Stand No Clamp/Brackets

Unit Weight: 7.1kg

As above without clamp or brackets

ASHDXN

Heavy Duty Adjustable Stand Extra Height No Clamp/Brackets

Unit Weight: 10.0kg

As above without clamp or brackets

ASHDC

Heavy Duty Adjustable Stand

with heavy duty clamp weld on.

Lift: 225mm
Unit Weight: 10.3kg
Static Load Capacity: 1250kg



ASHDXC

Heavy Duty Adjustable Stand Extra Height with heavy duty clamp weld on.

Lift: 225mm
Unit Weight: 13.2kg
Static Load Capacity: 1250kg



ASHD-SQ

Heavy Duty Adjustable Stand - Square Tube Square Tube - 60mm x 60mm with heavy duty swivel bracket welded in position.

Lift: 225mm
Unit Weight: 11.0kg
Static Load Capacity: 1250kg



INCREASED
CAPACITY

Heavy Duty Components

HEAVY DUTY
BRACKET &
HANDLE

JW2HD

Standard Swivel Jockey Wheel (Increased Capacity)

with heavy duty pin locking
swivel bracket welded in
position.

Wheel: 150mm x 50mm
(6" x 2") Solid rubber
with *steel* web bore.
Lift: 225mm
Unit Weight: 7.9kg
Static Load Capacity: 650kg

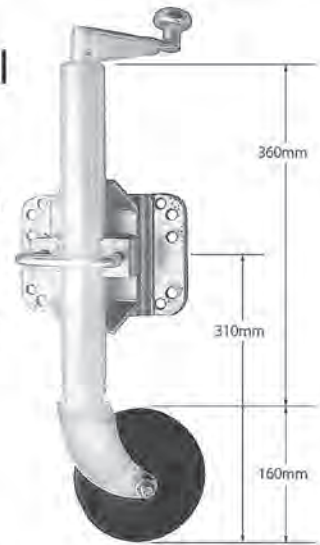


JW2UBHD

Standard Swivel Jockey Wheel (Increased Capacity)

with heavy duty pin locking
swivel bracket welded in
position. For fixing with
U-Bolts.
(suits 2", 3", 4", 5" & 6" U-Bolts.)

Wheel: 150mm x 50mm
(6" x 2") Solid rubber
with *steel* web bore.
Lift: 225mm
Unit Weight: 8.4kg
Static Load Capacity: 650kg

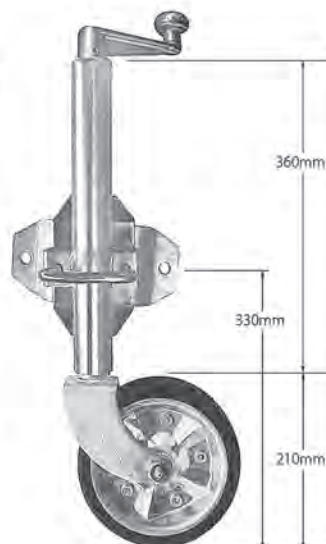


JW4ZBHD

Medium Swivel Jockey Wheel (Increased Capacity)

with heavy duty pin locking
swivel bracket welded in
position.

Wheel: 200mm x 55mm
(8" x 2") Rubber tyre
with zinc plated steel centre
and roller bearings.
Lift: 225mm
Unit Weight: 9.3kg
Static Load Capacity: 750kg

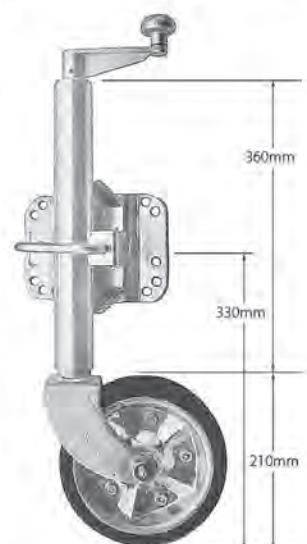


JW4ZUBHD

Medium Swivel Jockey Wheel (Increased Capacity)

with heavy duty pin locking
swivel bracket welded in
position. For fixing with
U-Bolts.
(suits 2", 3", 4", 5" & 6" U-Bolts.)

Wheel: 200mm x 55mm
(8" x 2") Rubber tyre
with zinc plated steel centre
and roller bearings.
Lift: 225mm
Unit Weight: 9.6kg
Static Load Capacity: 750kg



JW9HD

'Pneumatic Look' Solid Rubber Jockey Wheel (Increased Capacity)

Incl. HD Clamp

Wheel: 4.10/3.50 x 4 (10")
Solid cushion tyre with *steel*
centre and bronze bush bore.
Lift: 225mm
Unit Weight: 11.2kg
Static Load Capacity: 850kg



As above
without clamp

JW9EHD

'Pneumatic Look' Solid Rubber Extra Height Jockey Wheel (Increased Capacity)

Incl. HD Clamp

Wheel: 4.10/3.50 x 4 (10")
Solid cushion tyre with *steel*
centre and bronze bush bore.
Lift: 225mm
Unit Weight: 12.2kg
Static Load Capacity: 850kg



As above
without clamp

JW9HDNC

Unit Weight: 9.4kg

JW9EHDNC

Unit Weight: 10.4kg

INCREASED
CAPACITY

Heavy Duty Components

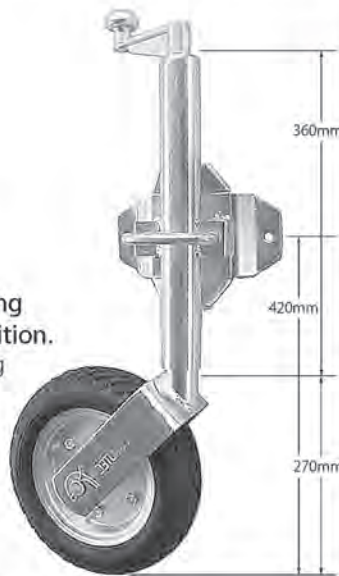
HEAVY DUTY
BRACKET &
HANDLE**JW10HD**

'Pneumatic Look'

Solid Rubber Swivel Jockey Wheel

(Increased Capacity) with (HEAVY DUTY) pin locking swivel bracket welded in position.

Also includes Heavy Duty winding handle and thrust bearing.

Wheel: 4.10/3.50 x 4 (10")Solid cushion tyre with *steel* centre and bronze bush bore.**Lift:** 225mm**Unit Weight:** 12.6kg**Static Load Capacity:** 1000kg**JW10UBHD**

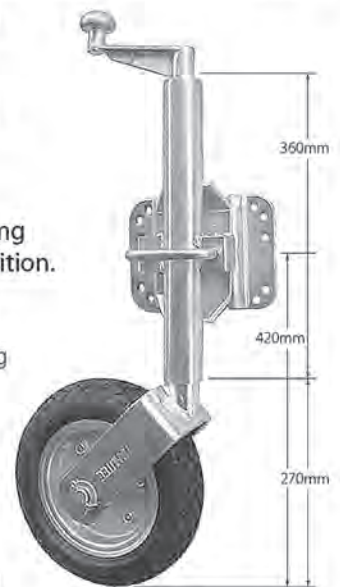
'Pneumatic Look'

Solid Rubber Swivel Jockey Wheel

(Increased Capacity) with (HEAVY DUTY) pin locking swivel bracket welded in position. For fixing with U-Bolts.

(suits 2", 3", 4", 5" & 6" U-Bolts.)

Also includes Heavy Duty winding handle and thrust bearing.

Wheel: 4.10/3.50 x 4 (10")Solid cushion tyre with *steel* centre and bronze bush bore.**Lift:** 225mm**Unit Weight:** 13.0kg**Static Load Capacity:** 1000kg**JW11HD**

'Pneumatic Look'

Solid Rubber Swivel Jockey Wheel

(Increased Capacity) with (HEAVY DUTY) pin locking swivel bracket welded in lower position.

Also includes Heavy Duty winding handle and thrust bearing.

Wheel: 4.10/3.50 x 4 (10")Solid cushion tyre with *steel* centre and bronze bush bore.**Lift:** 225mm**Unit Weight:** 12.6kg**Static Load Capacity:** 1000kg**JW11UBHD**

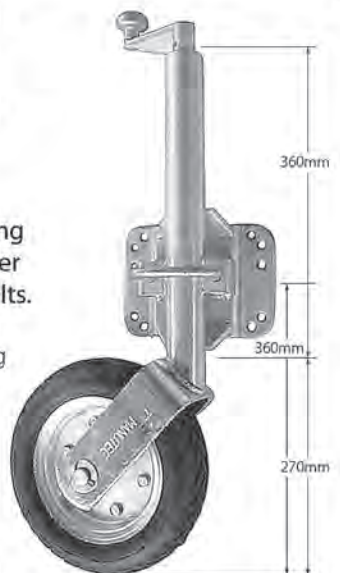
'Pneumatic Look'

Solid Rubber Swivel Jockey Wheel

(Increased Capacity) with (HEAVY DUTY) pin locking swivel bracket welded in lower position. For fixing with U-Bolts.

(suits 2", 3", 4", 5" & 6" U-Bolts.)

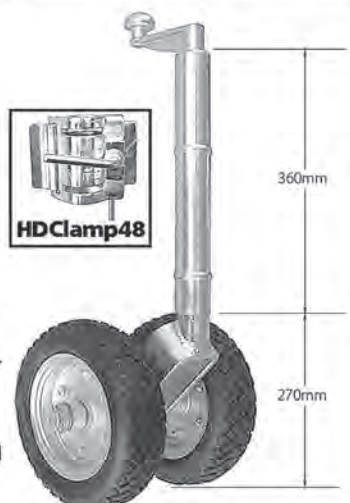
Also includes Heavy Duty winding handle and thrust bearing.

Wheel: 4.10/3.50 x 4 (10")Solid cushion tyre with *steel* centre and bronze bush bore.**Lift:** 225mm**Unit Weight:** 13.0kg**Static Load Capacity:** 1000kg**JW9THD**

'Pneumatic Look'

Solid Rubber Twin Jockey Wheel**Incl. HD Clamp**

(Increased Capacity)

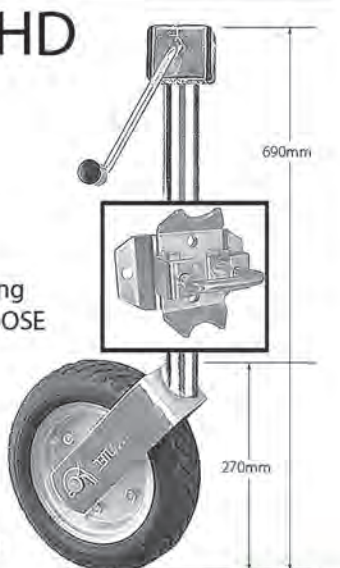
Wheels: 4.10/3.50 x 4 (10")Solid cushion tyre with *steel* centre and bronze bush bore.**Lift:** 225mm**Unit Weight:** 17.0kg**Static Load Capacity:** 1000kgAs above
without clamp**JWSW-10LBHD**

'Pneumatic Look'

Solid Rubber Jockey Wheel**(Side Winding)**

(Increased Capacity)

with (HEAVY DUTY) pin locking swivel bracket - SUPPLIED LOOSE

Wheel: 4.10/3.50 x 4 (10")Solid cushion tyre with *steel* centre and bronze bush bore.**Lift:** 225mm**Unit Weight:** 12.7kg**Static Load Capacity:** 1000kg**JW9THDNC****Unit Weight:** 15.2kg

EXTRA HEAVY
DUTY 60mm
OUTER TUBE

Heavy Duty Components

HEAVY DUTY
60mm OUTER
TUBE

JW7

Extra Heavy Duty Jockey Wheel

with heavy duty
swivel plates -
SUPPLIED LOOSE
Wheel: 250mm x 50mm
(10" x 2") Solid rubber
tyre with *aluminium* centre -
plain bore.
Lift: 225mm
Unit Weight: 15.8kg
Static Load Capacity: 1250kg



JW7N

Extra Heavy Duty Jockey
Wheel No Clamp/Brackets
Unit Weight: 12.8kg

As above
without
clamp or
brackets

JW7C

Extra Heavy Duty Jockey Wheel

with heavy duty clamp
weld on.

Wheel: 250mm x 50mm
(10" x 2") Solid rubber
tyre with *aluminium* centre -
plain bore.
Lift: 225mm
Unit Weight: 15.6kg
Static Load Capacity: 1250kg



JW5HDN

Heavy Duty Jockey Wheel

NO CLAMP OR BRACKET
SUPPLIED

Wheel: 4.10/3.50 X 4 (10")
Solid Cushion tyre with
steel centre and
bronze bush bore.
Lift: 225mm
Unit Weight: 13.5kg
Static Load Capacity: 1000kg



JW5HDC

Heavy Duty Jockey Wheel

with heavy duty clamp
weld on.

Wheel: 4.10/3.50 X 4 (10")
Solid Cushion tyre with
steel centre and
bronze bush bore.
Lift: 225mm
Unit Weight: 16.4kg
Static Load Capacity: 1000kg

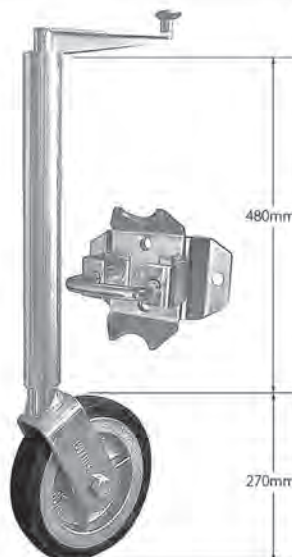


JW8

Extra Heavy Duty Swivel Jockey Wheel

with heavy duty pin
locking swivel bracket -
SUPPLIED LOOSE

Wheel: 250mm x 50mm
(10" x 2") Solid rubber
tyre with *aluminium* centre -
plain bore.
Lift: 225mm
Unit Weight: 16.6kg
Static Load Capacity: 1250kg

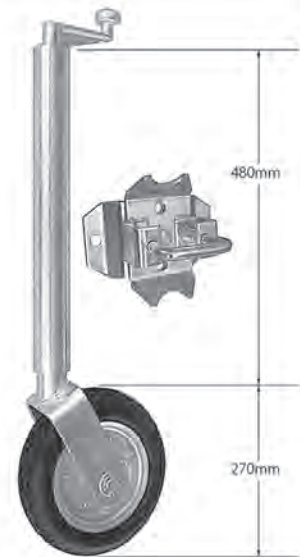


JW6HD

Heavy Duty Swivel Jockey Wheel

with heavy duty pin
locking swivel bracket -
SUPPLIED LOOSE

Wheel: 4.10/3.50 X 4 (10")
Solid Cushion tyre with
steel centre and
bronze bush bore.
Lift: 225mm
Unit Weight: 17.3kg
Static Load Capacity: 1000kg



Heavy Duty Components

JW4ZDB

Medium

Jockey Wheel w/
Double Clamp

gives extra
support and stability

Wheel: 200mm x 55mm
(8" x 2") Rubber tyre
with zinc plated steel centre
and roller bearings.
Lift: 225mm
Unit Weight: 9.4kg
Static Load Capacity: 700kg



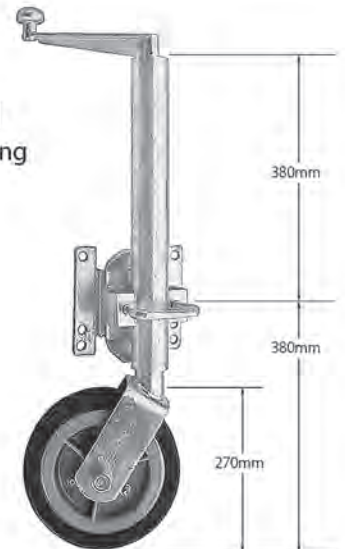
JW8UBG

Extra Heavy Duty
Swivel Jockey Wheel
with (HEAVY DUTY) pin locking
swivel bracket welded in
position.

For fixing with U-Bolts.
(suits 4" & 5" U-Bolts)

- Galvanised -

Wheel: 250mm x 50mm
(10" x 2") solid rubber
tyre with *aluminium* centre -
plain bore.
Lift: 225mm
Unit Weight: 17.5kg
Static Load Capacity: 1250kg

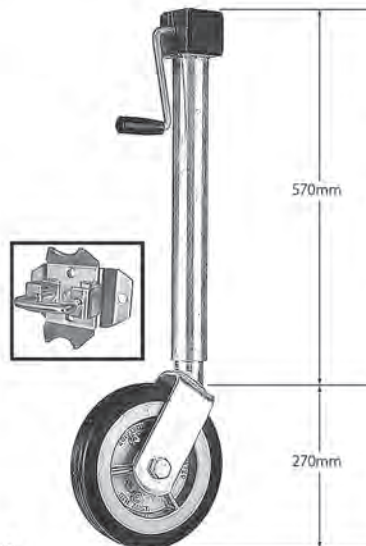


JWSW-8

Extra Heavy
Duty Swivel
Jockey Wheel

(Side Winding)
with heavy duty pin
locking swivel bracket
SUPPLIED LOOSE.

Wheel: 250mm x 50mm
(10" x 2") Solid rubber tyre
with *aluminium* centre -
plain bore.
Lift: 225mm
Unit Weight: 18.0kg
Static Load Capacity: 1250kg



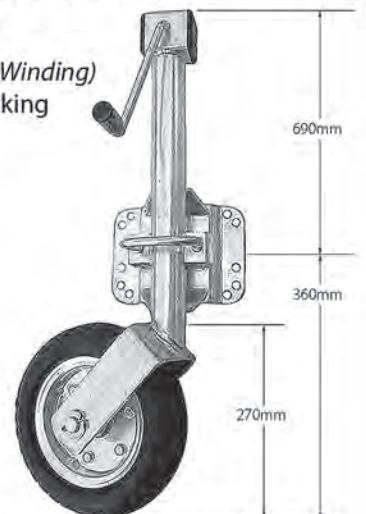
JWSW-11UBHDG

Heavy Duty Swivel
Jockey Wheel - (Side Winding)
with (HEAVY DUTY) pin locking
swivel bracket welded in
lower position.

For fixing with U-Bolts.
(suits 2", 3", 4", 5" & 6" U-Bolts)
Also includes Heavy Duty
side winding assembly.

- Galvanised -

Wheel: 4.10/3.50 x 4 (10")
solid cushion tyre with
galv. steel centre and bronze
bore bush.
Lift: 225mm
Unit Weight: 13.8kg
Static Load Capacity: 1000kg

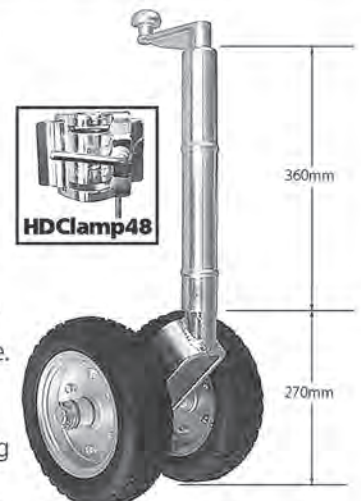


JW9THD

'Pneumatic Look'

Solid Rubber Twin
Jockey Wheel
Incl. HD Clamp
(Increased Capacity)

Wheels: 4.10/3.50 x 4 (10")
Solid cushion tyre with *steel*
centre and bronze bush bore.
Lift: 225mm
Unit Weight: 17.0kg
Static Load Capacity: 1000kg



JW9THDNC

Unit Weight: 15.2kg

As above
without clamp

CALL FOR
A QUOTE TODAY

(08) 8260 2277

Manutec

MANUFACTURING TECHNOLOGY

Towing

✓ = ADR Approved

MTB70

70mm Towball

Coating: Chrome
 Rating: 4.5T
 Unit Weight: 3.6kg

Rated for Agricultural use only



OZHITCH3.5G-4H ✓

Off Road Coupling

Coating: Galvanised
 Rating: 3.5 Tonne
 Weight: 10.4kg

Also available
 in 6 hole
 version:

OZHITCH3.5G-6H



MC4500G ✓

Electric Coupling with Hand Brake

To suit 70mm ball

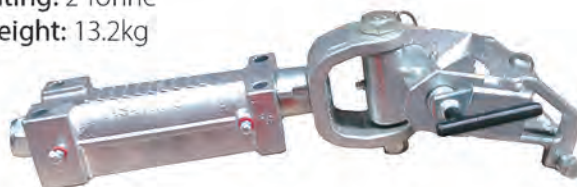
Coating: Galv
 Rating: 4.5 Tonne
 Weight: 10.45kg



OZHITCH-OR-G-4H ✓

Off Road Override Coupling 4 Hole

Coating: Galvanised
 Rating: 2 Tonne
 Weight: 13.2kg



MC3500Z ✓

Electric Coupling with Hand Brake

To suit 50mm ball

Coating: Zinc
 Rating: 3.5 Tonne
 Weight: 8.0kg



OZHITCH2.5G-4H ✓

Off Road Coupling

Coating: Galvanised
 Rating: 2.5 Tonne
 Weight: 10.4kg



MTB70-ADR ✓

70mm Towball (ADR Approved for on road use)

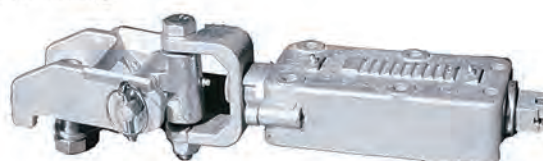
Coating: Chrome
 Rating: 4.5 Tonne
 Weight: 3.6kg



OZHITCH-OR-G-6H ✓

Off Road Override Coupling 6 Hole

Coating: Galvanised
 Rating: 2 Tonne
 Weight: 13.2kg



SOLID CAST
IRON WHEEL

Heavy Duty Castors

030 Series

SINGLE BALL RACE

Dimensions
D = Wheel Diameter
W = Width of Wheel

SWIVEL PLATE

Item Code	Wheel Dimensions D x W	Height (mm)	Plate Size (mm)	Capacity Kg
030CI50	50mm x 22mm	63	65mm x 48mm	45
030CI63	63mm x 28mm	82	97mm x 67mm	60
030CI75	75mm x 32mm	95	105mm x 80mm	90
030CI100	100mm x 35mm	127	130mm x 102mm	100
030CI125	125mm x 41mm	158	150mm x 128mm	120

FIXED PLATE

Item Code	Wheel Dimensions D x W	Height (mm)	Plate Size (mm)	Capacity Kg
031CI50	50mm x 22mm	63	67mm x 48mm	45
031CI63	63mm x 28mm	82	111mm x 54mm	60
031CI75	75mm x 32mm	95	102mm x 64mm	90
031CI100	100mm x 35mm	127	120mm x 76mm	100
031CI125	125mm x 41mm	158	145mm x 106mm	120



PCI Series



SWIVEL PLATE

Item Code	Wheel Dimensions D x W	Height (mm)	Plate Size (mm)	Capacity Kg
PCIS150	150mm x 50mm	195	114mm x 102mm	365
PCIS200	200mm x 50mm	240	114mm x 102mm	365

FIXED PLATE

Item Code	Wheel Dimensions D x W	Height (mm)	Plate Size (mm)	Capacity Kg
PCIF150	150mm x 50mm	195	114mm x 102mm	365
PCIF200	200mm x 50mm	240	114mm x 102mm	365



Heavy Duty Rubber Wheels

<p>JW350X4SR 10" Solid (Cushion Rubber) Wheel. Zinc Plated Centre with 19mm bronze bushes.</p> 	<p>JW1505013-SW 6" (150mm) Solid Rubber Wheel with 13mm steel web bore.</p> 	<p>JW350X4SRG 10" Solid (Cushion Rubber) Wheel. Galv Centre with 19mm bronze bushes.</p> 
<p>JWHDAL-250 10" Extra Heavy Duty Wheel (Aluminium Centre) for JW7/8 Steel tube bore, ID = 25mm.</p> 	<p>JW2005016-SW 8" (200mm) Solid Rubber Wheel with 16mm steel web bore.</p> 	<p>JW2005516ZC 8" (200mm) Rubber Tyre, Zinc Steel Centre with 16mm roller bearing.</p> 

SRW Series



See section 10



STEEL WEB

Dimensions

D = Wheel Diameter
W = Width of Wheel
a = Bore/Axle Diameter
b = Boss Width

CIW Series - Cast Iron Wheels (Plain Bore Type)



Item Code	Wheel Dimensions D x W x a x b	Capacity Kg
CIW50	50mm x 22mm x 6mm x 25mm	45
CIW63	63mm x 28mm x 10mm x 33mm	80
CIW75	75mm x 32mm x 12.7mm x 40mm	109
CIW100	100mm x 38mm x 12.7mm x 48mm	130
CIW125	125mm x 41mm x 15mm x 52mm	180

Performance Alloy Trailer Wheels

SIZE	STYLE	CODE	COLOUR	PCD	OFFSET	MAX LOAD
8X3.0D	TX1	8RIMIH/A	NATURAL	INTEGRAL-HOLDEN BEARINGS	10N	375KG
8X3.0D	TX1	8RIMHT/A	NATURAL	HT - 5X107.95	10N	375KG
9X4.5A	TX1	9RIMHT/A	NATURAL	HT - 5X107.95	11N	650KG
9X4.5A	TX1	9RIMHT/AW	WHITE	HT - 5X107.95	11N	650KG
10X3.5B	TX1	10RIMIH/A	NATURAL	INTEGRAL-HOLDEN BEARINGS	6N	550KG
10X3.5B	TX1	10RIMHT/A	NATURAL	HT - 5X107.95	6N	550KG
10X3.5B	TX1	10RIMHT/AW	WHITE	HT - 5X107.95	6N	550KG
10X3.5B	TX1	10RIMMI/A	NATURAL	MINI - 4X101.6	6N	550KG
13X5.0JJ	TX1	13RIMF/AS	SILVER	FORD - 5X114.3	10P	830KG
13X5.0JJ	TX1	13RIMF/AW	WHITE	FORD - 5X114.3	10P	830KG
13X5.0JJ	TX1	13RIMHQ/A	NATURAL	HQ - 5X120.65	10P	830KG
13X5.0JJ	TX1	13RIMHQ/AS	SILVER	HQ - 5X120.65	10P	830KG
13X5.0JJ	TX1	13RIMHQ/AW	WHITE	HQ - 5X120.65	10P	830KG
13X5.0JJ	TX1	13RIMHT/AP	PLATINUM	HT - 5X107.95	10P	830KG
13X5.0JJ	TX1	13RIMHT/AS	SILVER	HT - 5X107.95	10P	830KG
13X5.0JJ	TX1	13RIMHT/AW	WHITE	HT - 5X107.95	10P	830KG
14X6.0JJ	TX1	14RIMF/AS	SILVER	FORD - 5X114.3	10P	1050KG
14X6.0JJ	TX1	14RIMF/AW-TX1	WHITE	FORD - 5X114.3	10P	1050KG
14X6.0JJ	TX1	14RIMHT/AS	SILVER	HT - 5X107.95	10P	1050KG
14X6.0JJ	TX1	14RIMHT/AW	WHITE	HT - 5X107.95	10P	1050KG
14X6.0JJ	TX1	14RIMLC6/AS-TX1	SILVER	LC6-6X139.7	10P	1050KG
14X6.0JJ	TX1	14RIMLC6/AW-TX1	WHITE	LC6-6X139.7	10P	1050KG
14X6.0JJ	TX2	14RIMF/ABMF-TX2	BLACK-MACHINE FACE	FORD - 5X114.3	10P	1050KG
14X6.0JJ	TX2	14RIMF/AB-TX2	BLACK	FORD - 5X114.3	10P	1050KG
14X6.0JJ	TX2	14RIMF/AS-TX2	SILVER	FORD - 5X114.3	10P	1050KG
14X6.0JJ	TX2	14RIMF/ASMF-TX2	SILVER-MACHINE FACE	FORD - 5X114.3	10P	1050KG
14X6.0JJ	TX2	14RIMF/AW-TX2	WHITE	FORD - 5X114.3	10P	1050KG
14X6.0JJ	TX2	14RIMF/AWMF-TX2	WHITE-MACHINE FACE	FORD - 5X114.3	10P	1050KG

FOR OTHER SIZES, INCLUDING 15" AND 16", PCDS OR COLOUR PLEASE CALL



Alloy Boat Wheels Complete With Tyre And Tube

SIZE	CODE	COLOUR	PCD	OFFSET	MAX LOAD
8"	4.8/4.0X8/6P/AIH-C	NATURAL	INTEGRAL-INC HOLDEN BEARING KIT	10N	375KG
8"	4.8/4.0X8/6P/AIH	NATURAL	INTEGRAL-LM1 1910 CUPS ONLY	10N	375KG
8"	4.8/4.0X8/6P/AHT	NATURAL	HT - 5X107.95	10N	375KG
9"	6.9/6.00X9/6P/AHT	NATURAL	HT - 5X107.95	11N	650KG
10"	5.00X10/8P/AIH	NATURAL	INTEGRAL-LM1 1910 CUPS ONLY	6N	550KG
10"	5.00X10/8P/AIH-C	NATURAL	INTEGRAL-INC HOLDEN BEARING KIT	6N	550KG
10"	5.00X10/8P/AHT	NATURAL	HT - 5X107.95	6N	550KG
10"	5.00X10/8P/AMI	NATURAL	MINI - 4X101.6	6N	550KG

Tyres And Tubes To Suit Alloy Wheels

SIZE	STYLE	CODE	PCD
8"	HWY	4.80/4.00-8(6)HWY	8" 6 PLY TYRE AND TUBE
8"	HWY	4.80/4.00-8/6P	8" 6 PLY TYRE (NOT TUBELESS)
8"	TUBE	4.00-8TUBE	4.00-8 TR13 TUBE
9"	HWY	6.90/6.00-9(6)HWY	9" 6 PLY TYRE AND TUBE
9"	TUBE	6.00-9TUBE	6.00-9 TR13 TUBE
10"	HWY	5.00-10(8)HWY	10" 8 PLY TYRE AND TUBE - HIGHWAY
10"	TYRE	5.00-10(8)HWY-TUBELESS	10" 8 PLY TYRE AND TUBE - HIGHWAY
10"	TUBE	5.00-10TUBE	5.00-10 TR13 TUBE

Steel Trailer Wheels

Rim Only

SIZE	STYLE	CODE	COLOUR	MODEL	PCD	CB	OFFSET	MAX LOAD
10X4.0	SUNRAYSIA	10X4.0RIMF/HTG	GALV	FORD/HOLDEN HT MULTI	5X107.95 - 5X 114.3 - MULTI	75	0	400KG
13X4.5	SUNRAYSIA	13X4.5RIMF/G	GALV	FORD	5X 114.3	84	0	750KG
13X4.5	SUNRAYSIA	13X4.5RIMF/W	WHITE	FORD	5X 114.3	84	0	750KG
13X4.5	SUNRAYSIA	13X4.5RIMF/HTG	GALV	FORD/HOLDEN HT MULTI	5X107.95 - 5X 114.3 - MULTI	75	0	750KG
13X4.5	SUNRAYSIA	13X4.5RIMF/HTW	WHITE	FORD/HOLDEN HT MULTI	5X107.95 - 5X 114.3 - MULTI	75	0	750KG
14X6	SUNRAYSIA	14X6RIMCD/G	GALV	COMMODORE	5X120			850KG
14X6	SUNRAYSIA	14X6RIMCD/W	WHITE	COMMODORE	5X120			850KG
14X6	SUNRAYSIA	14X6/RIMF/C	CHROME	FORD	5X 114.3	84	14	850KG
14X6	SUNRAYSIA	14X6RIMF/W	WHITE	FORD	5X 114.3	84	14	850KG
14X6	SUNRAYSIA	14X6RIMF/B	BLACK	FORD	5X 114.3	84	14	850KG
14X6	SUNRAYSIA	14X6RIMF/G	GALV	FORD	5X 114.3	84	14	850KG
14X6	SUNRAYSIA	14X6RIMHT/W	WHITE	HOLDEN HT	5X107.95	75	14	850KG
14X6	SUNRAYSIA	14X6RIMHT/G	GALV	HOLDEN HT	5X107.95	75	14	850KG
14X6	SUNRAYSIA	14X6RIMHT/C	CHROME	HOLDEN HT	5X107.95	75	14	850KG
14X6	SUNRAYSIA	14X6RIMHQ/W	WHITE	HOLDEN HQ	5X120.65	84	14	850KG
14X6	SUNRAYSIA	14X6RIMHQ/G	GALV	HOLDEN HQ	5X120.65	84	14	850KG
14X6	SUNRAYSIA	14X6RIMHQ/C	CHROME	HOLDEN HQ	5X120.65	84	14	850KG
14X6	SUNRAYSIA	14X6RIMLC6/W	WHITE	TOYOTA LANDCRUISER 6 STUD	6X139.7	110	14	850KG
15X7	SUNRAYSIA	15X7RIMF5/W	WHITE	FORD	5X 114.3	84	0	1200KG
15X7	SUNRAYSIA	15X7RIMLC5/W	WHITE	TOYOTA LANDCRUISER 5 STUD	5X150	112	0	1200KG
15X7	SUNRAYSIA	15X7RIMLC6/B	BLACK	TOYOTA LANDCRUISER 6 STUD	6X139.7	110	0	1200KG
15X7	SUNRAYSIA	15X7RIMLC6/G	GALV	TOYOTA LANDCRUISER 6 STUD	6X139.7	110	0	1200KG
15X7	SUNRAYSIA	15X7RIMLC6/W	WHITE	TOYOTA LANDCRUISER 6 STUD	6X139.7	110	0	1200KG
16X7	SUNRAYSIA	16X7RIMHQ/W	WHITE	HOLDEN HQ	5X120.65	84	0	1200KG
16X7	SUNRAYSIA	16X7RIMLC5/W	WHITE	TOYOTA LANDCRUISER 5 STUD	5X150	112	0	1200KG
16X7	SUNRAYSIA	16X7RIMLC6/W	WHITE	TOYOTA LANDCRUISER 6 STUD	6X139.7	110	0	1200KG

Steel Trailer Wheels

Tyre Only

TYRE SIZE	CODE	STYLE	TREAD	LOAD INDEX	SPEED INDEX	PLY RATING	MAX LOAD SINGLE AXLE	MAX LOAD DUAL AXLE
8"	4.00-8TUBE	TUBE	TUBE					
8"	4.8/4.0X8/6P		HIGHWAY			6 PLY		
8"	4.8/4.0X8/6P		HIGHWAY			6 PLY		
9"	6.00-9TUBE	TUBE	TUBE					
9"	6.90/6.00-9(6)HWY		HIGHWAY	92	M	8 PLY	630KG	590KG
10"	5.00-10TUBE	TUBE	TUBE				487KG	412KG
10"	5.00-10(8)HWY		HIGHWAY			8 PLY		
13"	155R13C	LIGHT TRUCK	HIGHWAY	90/88	N	8 PLY	600KG	560KG
13"	175R13LT	LIGHT TRUCK	HIGHWAY	97/95	Q	8 PLY	730KG	690KG
14"	185R14LT	LIGHT TRUCK	HIGHWAY	102/100	Q	8 PLY	850KG	800KG
14"	195R14LT	LIGHT TRUCK	HIGHWAY	106/104	Q	8 PLY	950KG	900KG
15"	235/75R15LT	LIGHT TRUCK	ALL-TERRAIN	104/101	Q	6 PLY	900KG	825KG
15"	235/75R15LT-OR	LIGHT TRUCK	OFF-ROAD	104/101	S	6 PLY	900KG	825KG
15"	AT235/75R15LT(10)	LIGHT TRUCK	ALL-TERRAIN	116/113	Q	10 PLY	1250KG	1150KG
15"	225/70R15C	LIGHT TRUCK	ALL-TERRAIN	112/110	R	8 PLY	1120KG	1050KG
15"	MT31X10.5R15(6)	LIGHT TRUCK	MUD TYRE	109/106	S	6 PLY	1030KG	950KG
16"	245/75R16LT	LIGHT TRUCK	ALL-TERRAIN	120/116	Q	10 PLY	1400KG	1250KG



MPTC

Trailer Wheel Tyre Changer

TECHNICAL DATA



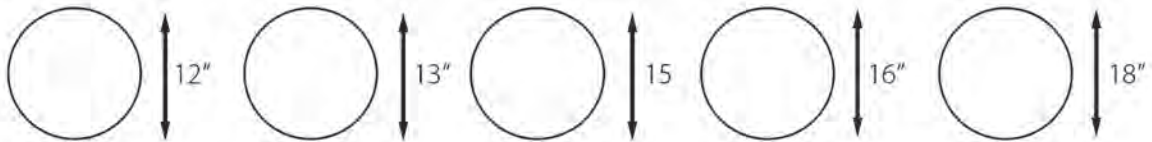
Section 11

How To Identify Parts

Tyres

DIAMETER

Diameter is nominal, ie 15" tyres will measure between 14" and 15" at the outer diameter. They will all fit on a standard 15" rim, which is 290mm in diameter.

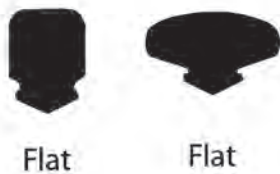


WIDTH

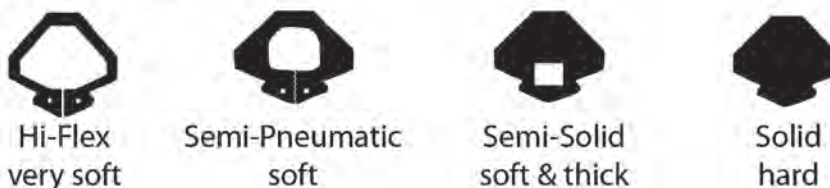


Tyre width is measured across the widest part of the tyre.

SHAPE



COMPOSITION

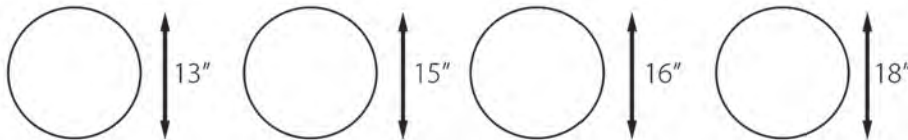


How To Identify Parts

Press Wheels

DIAMETER

This is a nominal diameter and varies with the tyre fitted. Measure the outside diameter of tyre.



TYPE

This is the centre mechanism of the wheel, the size of the rim relates to the OD of the tyre when fitted. ie. A 15" rim has a 15" OD tyre fitted, but the rim is 290mm in diameter.

CURRENT MODELS



INTEGRAL
(15", 16", 18")



NEW SB/CP HYBRID
(15", 16")
(Replaces old to the right)



NYLON BUSH
(NEW MODEL)
(18")



HT / FORD DUAL
(15", 16", 18")
(Note: 5x108 Agrihub)



CONSERVAPAK
(15", 16")



AGRIHUB
(15", 16", 18")
(5X98/4X98)

OLD MODELS



INTEGRAL
(15", 16", 18")
Image shows area where seal fits



SEALED BNG (OLD MODEL)
(15", 16", 18")
(Alloy & Steel)
(No longer stocked in 15"/16")



NYLON BUSH (OLD MODEL)
(15", 16", 18")



HT (OLD MODEL)
(13", 15", 16", 18")
(Alloy & Steel)

Wheel Assembly Instructions Please read this fully before fitting the new seals.

Before commencing assembly if the seals are being fitted to old or worn components we recommend that you check that the seal is going to be a tight fit on the shaft and a firm fit into the back of the wheel. If not then the shaft or the centre may be worn and need replacing. It is also a good idea to do one complete wheel first following the instructions so that you know all of the steps involved.

STEP 1: Pre-Grease all bearings (we recommend Fuchs Poly Plex 2) either by hand or with some other type of bearing packer. Place Large Tapered Roller Bearing (Pre-Greased) into hub onto the large Cup in the rear of the Hub. Pack additional Grease in behind Roller Bearing.

STEP 2: On new wheels this step is not critical as the seals will be a tight fit, however when doing maintenance on older wheels it is recommended. Place a small amount of GASKET SEALANT (we use LOCTITE MR5009) on the outermost edge of the seal. Depending on the type of Gasket Sealant and the ambient temperature it may take about 15-30 minutes before the sealant is tacky, do not fit until sealant is tacky (almost dry), it is better to be slightly dry than wet. Only use a very small amount of the sealant and be careful not to get any of the sealant on the inside face of the seal. Depending on how many wheels you are planning to do, it may pay to do the seals in batches of 10.

STEP 3: Place the wheel on a flat surface nose down so that the seal surface is facing up. Make sure that the bearing cups are fitted and that the inside of the wheel cavity is clean. Insert the large cone (67048 bearing) into the rear cup (67010 cup). Wipe away any excess grease that may have come into contact with the aluminium seal surface.

STEP 4: Once the gasket sealant is tacky, tap the seal into Hub using a hammer from the rear until the seal sits snugly inside the rear cavity of the press wheel and the outer steel plate is hard against the back alloy face of the rim.

STEP 5: Remove the castle nut and washer from the axle and slide axle in through the seal into the hub. Tap the axle in lightly with a hammer.

STEP 6: Turn over the press wheel and place the stub tightly into a vice, leaving at least 10 mm between the top of the vice and the back of the seal. (this is so the wheel can be easily rotated later in the assembly procedure)

STEP 7: Insert the Small Tapered Roller Bearing (Pre-Greased – LM11949) into the small cup (LM11910) in the front of the hub from the front, Place washer and then castle nut onto axle, tighten the castle nut hard with a standard socket wrench. By tightening hard this will help to properly seat the bearings into the cups. Next back off the castle nut until it is loose, while holding the outside of the wheel tap the top of the castle nut with a hammer. This will free up the small bearing and the wheel should now spin easily on the axle. Next re-tighten the castle nut hard and then back off one gap in the castle nut, so that the split pin hole is situated in the middle of the next gap in the castle nut. Wheel should now turn easily under a slight load. If wheel feels too stiff tighten hard again and then back off one gap, if still too stiff back off another gap. Lock into place with split pin. Rotate wheel to ensure no slop/wobble and wheel runs smoothly. When the correct pre-load is on the bearings the press wheel shouldn't be able to freewheel, but should rotate under a slight load.

STEP 8: Use the fitted Grease Nipple to top up the grease until a small amount of grease can be seen coming through the small bearing. Remove dust cap clips. Position Dust Cap over end of hub and knock home with the dust cap applicator, check to ensure dust cap is in all the way. Fit the dust cap clips to ensure the dust cap is securely held. It is important not to over pressurize the hub with too much grease as this can affect the seal and bearings. If this happens during maintenance greasing remove the dust cap and remove any excess grease inside the dust cap or use the grease purge screw on the back of the hub.

STEP 9: (IMPORTANT) It is normal to lose a small amount of pre-load as the wheels are first used and throughout the life of the bearings. Check the wheels after the first day of operation to ensure that the pre-load has not come off the wheels. If the wheels are freewheeling or if you can feel movement when you pull the wheel towards you (along the shaft), then the pre-load needs to be re-set. Once the pre-load has been re-set, the wheel should not need doing again for a reasonable period. To re-set the pre-load, remove the dust cap clips, the dust cap and split pin and follow STEP 7. Above. We also recommend that whenever you remove the dust cap that you also give the wheel a fresh squirt of grease. It is important that regular checks are conducted to ensure that the pre-load on the wheels is correct. If this is not done this may cause the seal to be exposed to dirt, which will cause a bearing failure. Once done replace dust cap and dust cap clips.

STEP 10: Future wheel maintenance, check wheels regularly to ensure no sideways movement in bearings or loss of pre-load. Do not overgrease. If in doubt about the internal state of the wheels remove one wheel and replace with a spare (we recommend always having one complete spare wheel made up and ready to go). Take the removed wheel back to the workshop and do an internal inspection to confirm the state of the wheel. This should give a good indication of the state of all of the wheels on the machine.

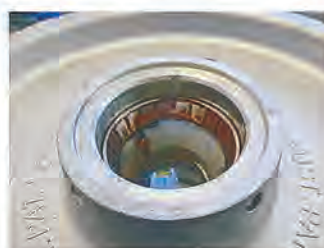


The picture on the left hand side is the new model (post 2013). If you have this model then no washer is required.

Wheel Assembly Instructions Please read this fully before fitting the new seals.

If you purchased your press wheels pre 2013 they are most likely going to be an older version of the rim. This rim was originally designed to be used with the 2 piece Marine type seal, with a tap in stainless steel ring. The rim will have a recessed area that the stainless steel ring used to tap into. (Additionally if your wheels are over 10 years old they were also designed to be used with the marine seal however they won't have the recessed area. If you have this older version and you want to fit the new seal, then please call and we can advise on the procedure to fit the new seal.) If you are running cast steel hubs with holden bearings on your coulters or press wheels or on other farm equipment you can also take advantage of our new seal, you will however need to fit the spacer washer as well to ensure the seal does not touch the back of the bearing. (this seal will also work in Ford hubs, but only if they have Holden Bearings Fitted. The seal will not work with Ford/Slimline bearings.

If you have the type of rim with the recess (see picture below) then you will need to fit the supplied washer onto the new seal before tapping the seal into the back of the hub. The washer acts like a spacer to prevent the seal pushing in too far and interfering with the bearing. Before fitting the washer check that the seal will be a good fit by pushing it into the seal cavity, if it is not a good fit ie goes in too easily then give us a call to discuss options. Assuming it is a good fit then fit the washer onto the seal, do this by slowly tapping it down with a punch until the washer fits tight against the back face of the seal. The seal and washer can now be tapped into the back of the hub as per STEP2 to STEP4. For slightly better protection you can also add a small amount of silicon onto the inside face of the steel washer where it comes into contact with the back of the recessed area in the hub.



The picture above is the model (pre 2013). It has the recessed area and needs to have the spacer washer (pictured above fitted)

Changing Press Wheel Tyres

Changing press wheel tyres is a very quick and easy procedure, we recommend a battery or air rattle gun be used. Tyres can be changed in-situ without having to take the wheel off the assembly and without exposing the bearings (except nylon bush wheels, these will need to be removed from the gang first.

Simply undo the bolts and nuts and then use a tyre lever (screwdriver) to prise the outer rim off. Once off peel the old tyre off the rim and clean away any built up mud from inside the rim. Fit the new tyre and then replace the outer rim. On semi-pneumatic tyres you should then be able to fit the nuts and bolts by hand. For solid tyres you may need to use a drawbolt. Never fully tighten one nut at a time, rather gradually tighten, going around the rim several times. Failure to do this may crack the rim.

Tyre Pressure

There are many variables to consider when setting pressure and while several rules of thumb are available, setting for your own conditions at the time of planting is the most reliable. Recommended pressure should be between 2 and 4 kg per cm of tyre face, use the notes below to help determine optimum. Optimum press wheel pressure depends on soil type, soil moisture level at planting, crop type and time of planting. Generally lower pressures are used in wet soils and pressure increased for drier planting. Lower pressures are required in lighter sandier soils than heavier clays. As a result it may be a requirement to vary pressures for different areas on the same property, particularly if heavy clays and sandy soil are both present.

Most importantly the press wheel must close the planting slot. If you inspect the job and can see seed in the bottom of the trench then the press wheel is not doing its job. This scenario can occur in very puggy wet clay soil types. You either have to increase press wheel pressure or change to a more aggressive tyre point or a combination of both. After that criterion is satisfied (trench closed) then the next test is the seed has to finish up into firmed moist soil and for most seeds about 20-25 mm below the press wheel mark. A layer of loose soil on top of the press wheel track will assist in preserving moisture and preventing the tyre track from setting herd. Some soils will flow naturally or be assisted by following with ticklers or lengths of chain (snake chain).

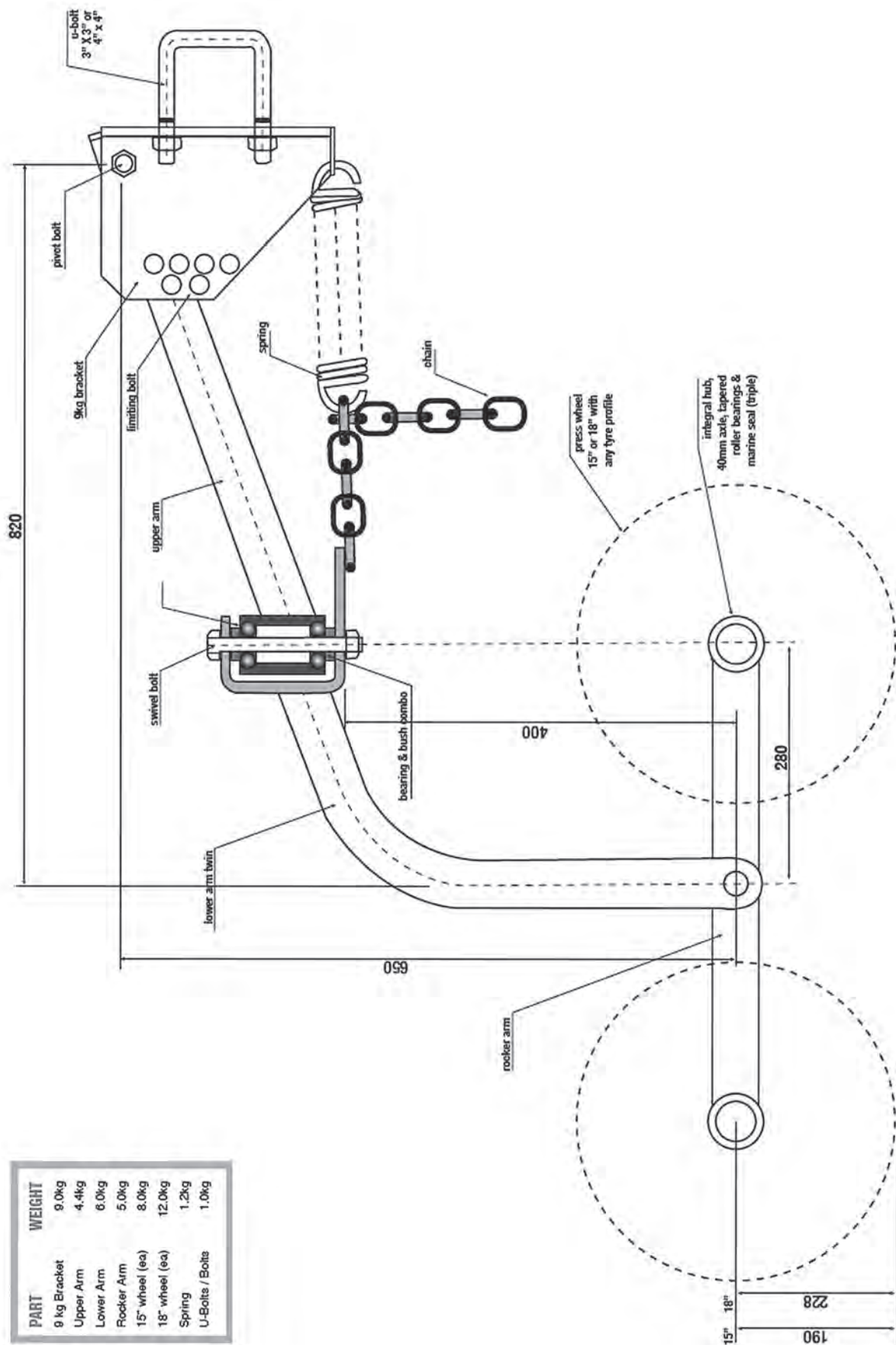
Always check your calculated weight with the press wheels in the paddock at the intended working depth, this can be done with a spring scale or a set of bathroom scales. If the trench is properly closed then ease the pressure off, particularly for sensitive seeds. This will reduce the load on tyres, bearings and other components.

Pressures at the higher end of the recommended ranges should be used when:

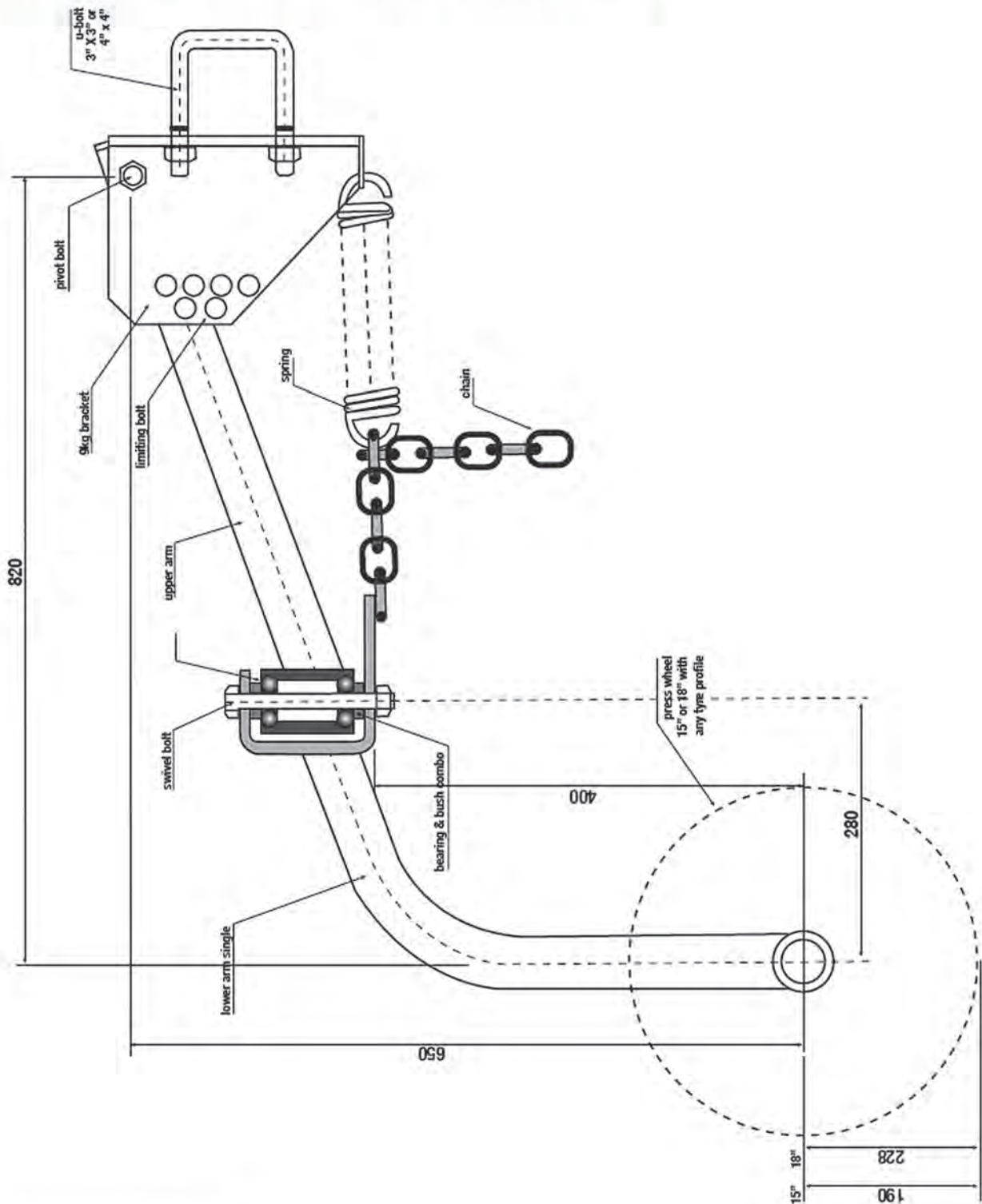
- Zero till planting into sticky clay soils.
- Soil moisture is marginal and planting depth must be increased.
- High soil insect population exists.

Pressure at the lower end of the recommended ranges should be used on poorly structured soils with hard setting characteristics. Too much consolidation of soil over the row may impede the emergence of the young shoot as well as causing surface crusting.

Twin Walking Wheel Assembly

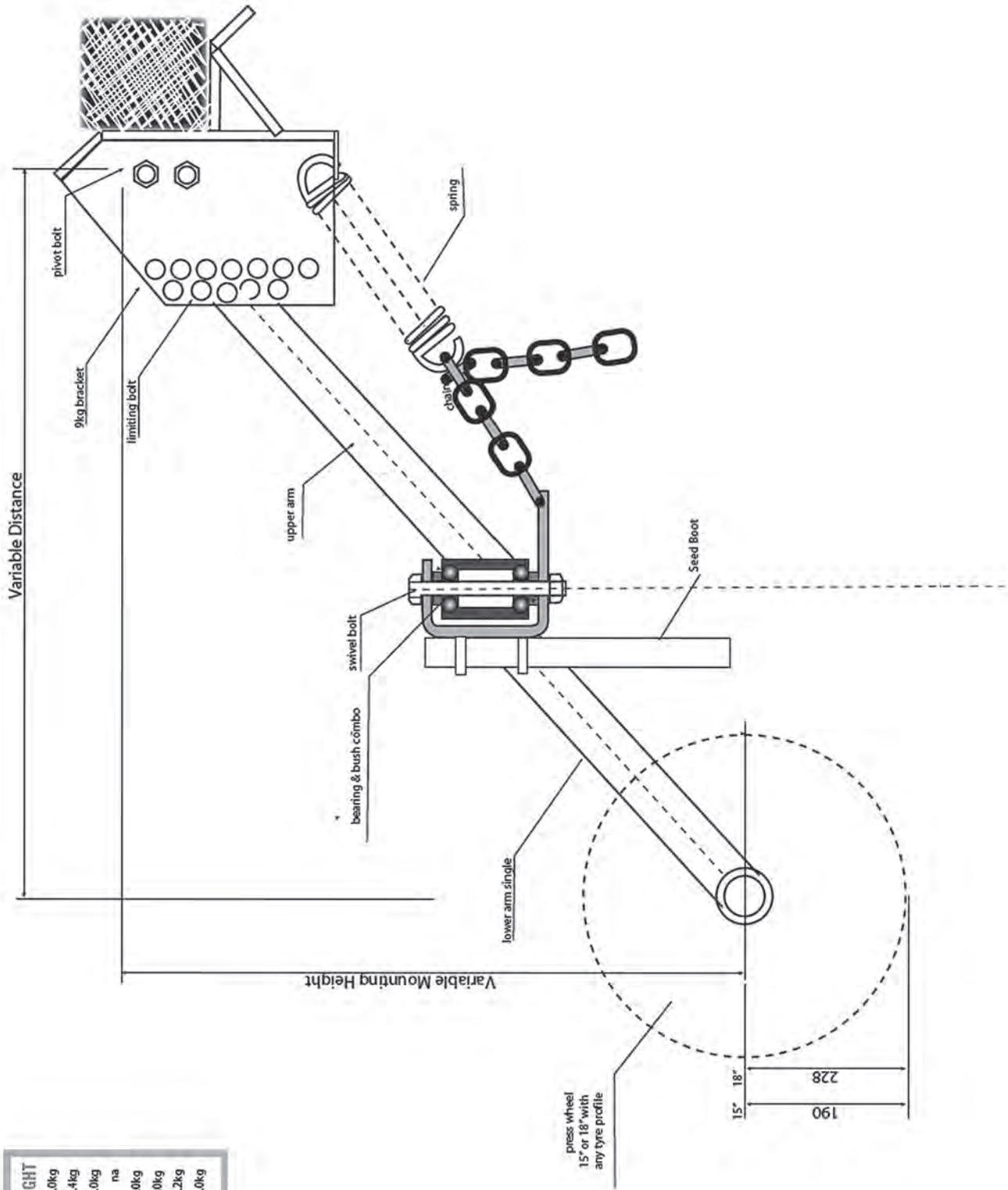


Single Walking Wheel Assembly



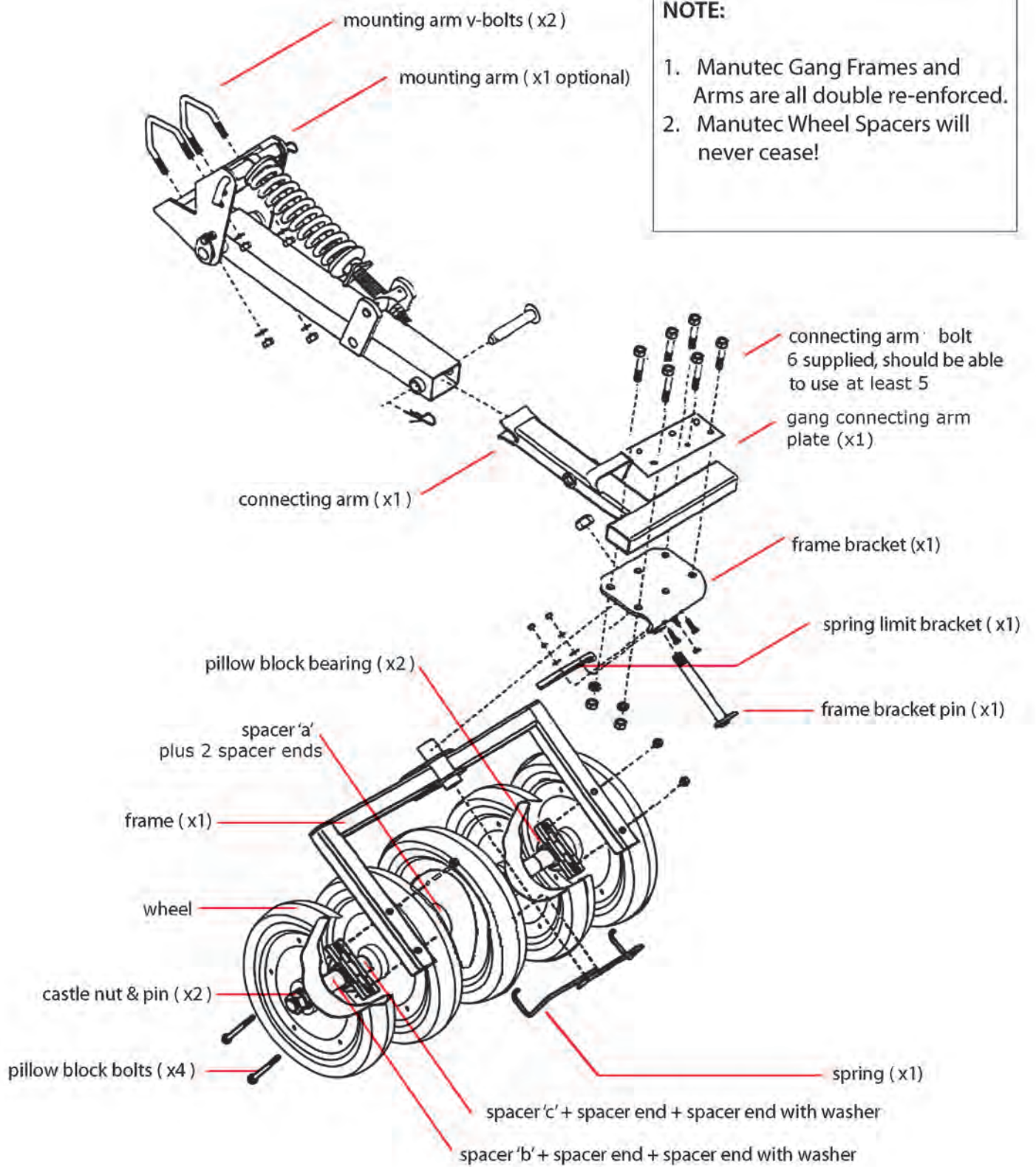
PART	WEIGHT
9 kg Bracket	9.0kg
Upper Arm	4.4kg
Lower Arm	6.0kg
Rocker Arm	na
15" wheel (ea)	8.0kg
18" wheel (ea)	12.0kg
Spring	1.2kg
U-Bolts / Bolts	1.0kg

In-Frame Tyne Press Wheel Assembly And Seed Boot



PART	WEIGHT
Bracket	9.0kg
Upper Arm	4.4kg
Lower Arm	6.0kg
Rocker Arm	na
15" wheel (ea)	8.0kg
18" wheel (ea)	12.0kg
Spring	1.2kg
U-Bolts / Bolts	1.0kg

Gang Breakdown



NOTE:

1. Manutec Gang Frames and Arms are all double re-enforced.
2. Manutec Wheel Spacers will never cease!

(You can have these either side depending on which way you want the grease nipples on the pillow blocks to face).

PRESS WHEEL TYRE SELECTION GUIDE

Introduction

This document has been prepared by Manutec for use by farmers to assist them in selecting the best press wheels for their circumstances. The information in this document is a combination of practical experience and scientific research. Scientific basis comes from a variety of research documents produced by the government agricultural research agencies of SA, WA, VIC, NSW and QLD and the practical from over 20 years of manufacturing and developing press wheels.

The use of press wheels is an important step in increasing efficiency and durability of seed emergence. Used correctly they can typically increase emergence by 10% to 25%, improve speed of emergence and improve seedling durability. Tyre pressure over the seed trench gives better seed soil contact, reduces the speed of soil drying, maximises moisture availability and helps to optimise use of existing sub soil moisture.

Advantages of press wheels are:

- Increased seed soil contact.
- Moisture maximisation.
- Increased local soil compaction, which restricts insect movement and consequent damage to seed and seedling.
- Reduced emergence depth by decreasing the distance between the seed and seedbed surface.
- Allows a range of point/boot/wheel combinations
- More uniform soil coverage across the width of a planting machine is ensured.
- The seed furrow is closed to prevent surface light penetration, particularly on heavier soils. This can cause premature sub surface leaf emergence.
- Smaller falls of rain are concentrated into the seed furrow, thereby promoting faster secondary root development.

Many of Manutec's customers also report a wider range of local advantages that they have found when using press wheels.

There is also a counter argument from some farmers that press wheels don't work, this number is reducing each year however often this argument is developed after a bad experience. Often the assembly or the whole press wheel concept will be blamed, when really the problem was that the press system used was not designed to work in the conditions that it was being used in. Often simply by changing the tyre shape or composition a completely different result can be achieved. One of the advantages of the Manutec system is that we do not believe in a one system fits all farming scenarios and we try to tailor our product for each customer. Even if for whatever reason the first solution may not be the best it is relatively easy to fine tune the system with a different tyre. So it is important to talk to us and your neighbour's before making your final decision. Be wary of the manufacturer that promises a one solution fits all solution, because it doesn't exist.

In a no-till/direct drill or disc seeder planting situation press wheels are essential in most soil types, however the behaviour of the press wheel will vary considerably. The decisions and thought process involved in choosing and setting up press wheels is very important. The wrong decision can prove to be costly both in terms of equipment cost but also in terms of benefits in increased yield. When buying equipment fitted with press wheels, do not leave this decision up to the dealer or manufacturer unless they have considerable experience with what works in the area concerned. Also when buying secondhand equipment with press wheels fitted that originates from another area, don't expect that it is going to work in your conditions without some alterations. Again please call us for advice.

Before choosing the press wheel, it is important to consider the following list of factors, each of these factors will have a range of implications and by going through each factor, different wheels can be ruled in or out.

- Soil Type
- Sand, loam, self wetting, self mulching, clay (red, grey, black)
- Prevalence of Rock
- Abrasiveness to rubber
- Amount of top soil
- Tendancy to Clod
- Worked or unworked
- Typical Rainfall during germination/establishment period
- Existing soil moisture and depth of sub soil moisture
- Type and width of point
- Seeding Method
- Single row, split row, spread row
- Deep (3"+), Medium (2"-3") or Shallow (less than 2") Depth Seeding
- Row Spacing
- Speed
- Dry sow, wet sow or both
- Tramline (up and back), round and round or both
- Tine or disc
- Crop Type
- Small, medium or large seed
- Pressure sensitive
- Depth Sensitive
- Next year crop/stock rotation
- Fallow
- Sheep
- Cattle
- Same/different crop
- Trash Levels
- Machine Type
- Hydraulic Lift
- Weight Sensitivity
- Inframe and Under Frame Clearances
- Breakout type and pressure
- Tyne Layout
- Obstructions (wheels, cross members, hydraulics)
- Air Cart/Seed Box position (Front/Top/Behind)

Manutec can help to go through all of these issues and answer any questions that you may need answers to.

Tyre Shape/Profile

The shape of the press wheel tyre will depend on a number of the above factors, the most common shapes and the characteristics of each are below. Note that it is important that the decision process regarding the points to be used is also done in conjunction with the press wheel selection process.

Broad/medium Wedge (3"-80mm and 4.5" – 120mm overall width, 1" flat tip)



- Available in Hi-Flex, Semi-Pneumatic, Semi-Solid and Full Solid Rubber
- Available in 15", 16" and 18" diameters
- Also available to suit Morris, Bourgault, Flexicoil and John Deere Parallelograms
- A new high sidewall version of this tyre is also now available, to reduce rooster tailing
- A High Flex version is available to suit DBS machines operating in very sticky soils.
- Used extensively in most regions where mixed soils, mixed crops and varied rainfall is the norm
- Good moisture seeking and moisture harvesting properties
- Good depth control in medium to light soil structures
- Good all purpose profile gives a good balance between seed soil contact and moisture harvest
- Ideal for single narrow row seeding
- Good tracking characteristics
- Above average wear and durability (Semi-Pneumatic variant)
- Average to good mud shedding capability (Semi-Pneumatic and Hi-Flex variants)
- Good wear and durability (Solid and Semi-Solid Variants)
- High pressure tyre
- Good for mixed condition and mixed crop farming.
- Good for medium and Shallow seed depth
- Good for medium seed size, ok for small seed.
- Will give a good to average result in most conditions
- Tendency to leave paddocks rough
- All regions – very widespread
- Semi-Solid variant used extensively in disc machines
- Can be used (with caution) for 3" spread seed.

Wide Flat (sometimes referred to as square) (4"-100mm and 5"-120mm overall width)



- Available in Hi-Flex, Semi-Pneumatic and Solid Rubber in 4" and 5" widths
- Also available to suit Morris, Bourgault, Flexicoil and John Deere Parallelograms
- Also now available with high sidewalls to reduce rooster tailing
- New high sidewall with raised centre section for paired row seeding.
- Also available to suit John Deere, Flexicoil and Bourgault Air Hoe Drills
- Available in 15" and 18" diameters on standard press wheels
- Available in 16", 21" and 22" in Aftermarket parts.
- More common in areas of above average rainfall or in sandy soils
- Very good seed soil contact
- Good depth control in medium to light and sandy soil structures
- Good scattering of loose soil above pressed seed.
- Ideal for spread row or split seeding from 3" to 4" spread
- Good for Shallow Seeding
- Good for Small seed.
- Good mud shedding capability (Semi-Pneumatic variant)
- Very Good mud shedding capability (Hi-Flex variant)
- Average wear and durability (Semi-Pneumatic variant)
- Good wear and durability (Solid Variant)
- Low pressure tyre
- Does not handle "cloddy" soil well
- Can shoulder out in some conditions (ie not press into the seed trench)
- Doesn't leave paddocks rough
- Good for canola and other small seeds
- Regions – Northern WA, Eastern and Central Victoria. Hi-Flex version very popular in Clermont (QLD)

Rounded (3"-75mm and 4"-100mm overall width)



- Available in Hi-Flex (4" – 100mm), Semi-Pneumatic (3" -75mm and 4"-100mm and 5" – 120mm and 5.5" – 135mm), Semi-Solid (4"-100mm) and Solid (3.5"-90mm) rubber.
- Available in 11",12",15" and 16" diameters.
- Versions also available to suit Morris, John Deere, Flexicoil and Bourgault Parallelograms
- High Sidewall versions now available to reduce rooster tailing
- Versions available to suit DBS to enable paired row seeding
- Used as a trade off (half way) between wedge and flat profiles
- Properties similar but not as pronounced as compared to the wedge and flat
- Medium Pressure Tyre
- Semi-Pneumatic handles sticky soils well and has medium durability
- Solid has very good durability
- Wont leave paddocks as rough
- Good for small to medium seeds.
- Regions – Semi-Pneumatic Central Victoria, Solid and Semi-Solid West Coast SA and WA
- 4" version good for spread and split row from 3" to 4"
- 4" version very popular on JD1870 machines

Wide Wedge (4"-110mm overall width, 1.5" flat tip)



- Available in Semi-Pneumatic and Solid Rubber.
- Available in 15" and 18" diameters
- Above average moisture harvesting properties
- Good depth control in light and sandy soil structures
- Helps to reduce sidewall collapse
- Good all purpose profile gives a good balance between seed soil contact and moisture harvest
- Will help to reduce sidewall collapse in Sandy Soils
- Good tracking characteristics
- Above Average wear and durability
- Low pressure tyre
- Average to good mud shedding capability
- Popular for use with Stiletto and Rootboot seeding systems
- Good for spread and split row from 3" to 4"
- Does not handle "cloddy" soil well
- Will not leave paddocks as rough as the 3" wedge
- May shoulder out in heavy soils or behind some knife points.
- Good for medium and small seeds
- May require ticklers/snake chain to give some soil scatter over pressed seed
- Regions SA Mallee, SA West Coast, Central and Northern WA

Narrow Wedge (2"-55mm overall width, 3/4" flat tip)



- Available in Semi-Pneumatic, Semi-Solid and Solid rubber
- Available in 15" and 18" diameters
- Used extensively in NSW and QLD
- Very Good moisture seeking and moisture harvesting properties
- Good depth control in heavy soil structures
- Poor depth control in light soil structures
- Good seed soil contact when drilling deep with narrow tyre
- Good for cereal and larger seeds.
- Ideal for single narrow row seeding
- Good tracking characteristics
- Semi-Pneumatic has Average to low wear and durability, solid has very good durability
- Semi-Pneumatic has good mud shedding capability, but the solid does not
- Semi-Pneumatic doesn't handle dry seeding very well, but the solid does
- High pressure tyre
- Tendency to leave paddocks rough
- Regions Southern Queensland and Northern NSW
- Used for deep drilling into moisture.

Medium and Narrow Flat (sometimes referred to as square) (2"-55mm and 3"-80mm overall width)



- Available In Semi-Pneumatic, Semi-Solid and Solid rubber
- Available in 13", 15" and 18" diameters
- More common in areas of above average rainfall
- Very good seed soil contact
- Good depth control in medium to light and sandy soil structures
- Good scattering of loose soil above pressed seed.
- Semi-Pneumatic has very Good mud shedding capability, handles clay very well
- Semi-Pneumatic has Average to Low wear and durability, does not like dry seeding.
- Solid has good wear and durability, but does not handle the sticky soils as well.
- Low to Medium pressure tyre
- Does not handle "cloddy" soil well
- Doesn't leave paddocks rough
- Regions Southern Queensland and Central Northern NSW

Other Tyre Profiles

- Narrow Dome/vee (2")
- Ribbed (3")
- Broad Dome/Vee (3")
- Gauge Wheels

Tyre Diameter

Often we get asked why we have all of the different diameters, really it is history. When press wheels first started being used in a particular region, generally that size was then adopted by other farmers in the same region. Hence today we still see a concentration of the same wheel size in unique regional areas. After many years of use it is now easier to quantify the advantages of each wheel size. The main trend that we are seeing however is increased land area that is being cropped by the average farmer and increased amounts of dry seeding. Coupled with this is a culture of less time to spend on maintenance. As a result wheels are now required to do more work, in harder conditions and with less maintenance than was the case 10 years ago. With this trend the bigger wheels start to show advantage over the smaller ones because they give improved durability.

The tyre diameter used can be an important factor in areas where tyre performance is marginal. A larger diameter tyre may give better cleaning as the rubber will flex more. Some customers also like the larger rolling diameter as it will increase the mean time between failures of components such as bearings and tyres. In situations where a higher than normal pressure is required the larger diameter may help due mainly to its increased weight and in high trash environments the larger diameter may improve trash flow, by increasing the ground clearance of trash collecting parts such as frames and axles. Diameter is not normally a critical factor, however anecdotal evidence from customers is that the bigger diameter wheels perform better and are lower maintenance.

Additionally we are seeing an increase in the amount of deep drilling into moisture, particularly in NSW. The bigger diameter wheels with the narrow tyres will allow the wheel to be able to run at depth without the seal being dragged through the dirt.

Manutec does a range of tyre diameters, these are broken down in three nominal sizes, 15", 16" and 18". When we talk about diameter of the wheel we always refer to the nominal outer diameter of the tyre. The 15" and 16" tyres both fit onto the standard 15" rim, the actual rim diameter is about 12", ie they are interchangeable with each other. The 16" tyres have an additional half inch of rubber all way round, which may improve cleanability (semi-pneumatic variants) and wearability (solid variants). The 18" tyre/wheel has a different rim size and the rim is about 15" in diameter. This can be confusing to some, so if you are confused give us a call. The main use of the standard 16" tyres is on Conservapak and JD1870 machines. We also now have a new high sidewall range of 16" tyres, due to the higher sidewall of rubber we have had to make the rim with these a smaller diameter which is approximately 9". We also have a range of 13" tyres that also fit onto a smaller rim, as well as aftermarket tyres for DBS, John Deere, Bourgault, Flexicoil and Conservapak that are designed to fit onto the original OEM rims.

Tyre Material and Composition

The tyre material and composition chosen will depend on three main factors;

- Soil Stickiness
- Durability
- Soil/Rubber abrasion

The most common material is a softer more flexible compound in a semi-pneumatic tyre that gives the tyre a good self cleaning capability and reduces the need considerably to use scrapers. This material is however not as durable and will not handle stone, wire, wood as well as harder compounds, this material will also wear out at a faster rate. The final decision is almost always a trade off as most farms have a wide cross section of soils, rock, clay that needs to be dealt with. Generally the trend is toward the softer tyre as the mud and clay is often considered the factor that dominates choice. Expect an average of 10% tyre wear/replacement per year if using semi-pneumatic tyres. This will vary depending on acreage and soil abrasiveness.

Traditionally the harder material in a solid tyre was favoured, however in recent years this has changed considerably with many farmers changing from hard solid tyres to the soft semi-pneumatic ones. If however durability is the predominant factor then hard tyres should be used. Scrapers will most likely be required.

The trend for at least 50% of the crop to be dry sewn and the remainder wet sewn creates a further dilemma as ideally a hard tyre should be used for the dry sew and a soft semi-pneumatic tyre for the wet sew. This is because dry sewing is much harder overall on all machine components including the press wheel tyres and soil build up should not be a problem. This gives four possible options for the farmer.

- Hard Tyre (Scrapers in heavy wet conditions)
- Soft Tyre (Wear tyres out quickly due to dry sewing)
- Two sets of tyres – hard and soft (Ideal Scenario)
- Semi-Solid Tyre

The Semi-Solid tyre is a trade off where the softer material is used and the wall thickness more than doubled. This is used extensively behind disc machines where the tyre is used more for closing than pressing and in areas of high rubber abrasion (Grey and Black Soils). It is not normally recommended as it is an in between material that will not produce the best result in either hard or soft conditions. The farmer should also consider carefully in what order paddocks sewn, taking into account the varying soil structures and moisture levels.

For extreme sticky conditions we do a Hi-Flex tyre, which is very soft and designed to give the maximum level of cleanability in clay soils. This tyre should never be used in dry or rough conditions. This tyre is a "get out of jail" tyre for parallelogram machines if the season has a wet start and the fitted tyres aren't coping. The 100mm Hi-flex tyre has become very popular around Clermont (QLD- Sticky Sealing Clays) as it both copes with the extremely sticky soils as well as providing a low pressure press to reduce the opportunity for the clay soils to compact too much over the seed. Many farmers do not like the idea of two sets of tyres or wheels because of the cost. For a 50 tyne machine the average cost of a second set of tyres is \$3000 and the time taken to change the tyres is about 3 hours. Alternatively a second set of wheels would cost on average about \$7000 and in most cases these could be replaced in about 2 hours. A second set will however result in lower costs, a better result and less down time.

Tyre Pressure

There are many variables to consider when setting pressure and while several rule of thumb are available, setting for your own conditions at the time of planting is the most reliable. Recommended pressure should be between 2 and 4 kg per cm of tyre face, use the notes below to help determine optimum.

Optimum press wheel pressure depends on soil type, soil moisture level at planting, crop type and time of planting. Generally lower pressures are used in wet soils and pressure increased for drier planting. Lower pressures are required in lighter sandier soils than heavier clays. As a result it may be a requirement to vary pressures for different areas on the same property, particularly if heavy clays and sandy soil are both present.

Most importantly the press wheel must close the planting slot. If you inspect the job and can see seed in the bottom of the trench then the press wheel is not doing its job. This scenario can occur in very puggy wet clay soil types. You either have to increase press wheel pressure or change to a more aggressive tyne point or a combination of both. After that criterion is satisfied (trench closed) then the next test is the seed has to finish up into firmed moist soil and for most seeds about 20-25 mm below the press wheel mark. A layer of loose soil on top of the press wheel track will assist in preserving moisture and preventing the tyre track from setting herd. Some soils will flow naturally or be assisted by following with ticklers or lengths of chain (snake chain).

Always check your calculated weight with the press wheels in the paddock at the intended working depth, this can be done with a spring scale or a set of bathroom scales. If the trench is properly closed then ease the pressure off, particularly for sensitive seeds. This will reduce the load on tyres, bearings and other components.

Pressures at the higher end of the recommended ranges should be used when:

- Zero till planting into sticky clay soils.
- Soil moisture is marginal and planting depth must be increased.
- High soil insect population exists.

Pressure at the lower end of the recommended ranges should be used on poorly structured soils with hard setting characteristics. Too much consolidation of soil over the row may impede the emergence of the young shoot as well as causing surface crusting.

Many new parallelogram machines are using hydraulic pressure to control the pressure. On most machines this pressure is very high and significantly higher than those recommended above. As a result some of these machines require a hard and wide tyre to be able to absorb the excess pressure. Without this the tyres would "bulldoze" the seed too deep and the tyres would also wear out very quickly, ie the higher the pressure the greater the tyre wear and greater the risk of tyre damage

Other Wheels and Tyres

In addition to standard press wheels Manutec also does a range of Gauge wheels, planter wheels and replacement OEM parts. Below are some of the options, call us for the complete range as we have tyres to suit more than 90% of Australian Agricultural machinery, if we do not have it we may have an alternative or we may be able to make it for you.

- John Deere and Flexi-Coil – Air Hoe Drill Replacement Tyres, Planter Wheel and Gauge Wheel replacement.
- Flexi-Coil/Bourgault/Morris/Ezee-On – Gang Press Wheel Replacement
- DBS – Hi-Flex tyre for use by DBS machines in sticky soils and also a wide thick tyre for use with Stiletto boots/spread seeding on DBS machines.

Manutec has also developed the Mud Razor range of Disc Seeder Gauge wheels that have a scraper built into the face of the tyre and spoked rims. These are very popular on John Deere Single and Double Disc Openers.

Purpose Built Wheels and Tyres

Each year Manutec manufactures tyres and wheels that are designed or “tweaked” specifically for use in an individual farmers conditions or on a particular type of machine. Occasionally these tyres then become a main stream product that we can make available to other farmers in similar circumstances. If the tyres/wheels are not giving the best result, are wearing out too quick, are clogging up with mud, or burying the seed too deep, or some other problem then give Manutec a call in the off season. Normally we can design and manufacture a new tyre in around 3 months. Recent examples of this are new tyres for JD1870, JD1860, JD1890, JD1830, MaxEmerge, Serafin, Morris and DBS machines. We also work closely with a number of Australian and New Zealand Farm Machinery manufacturers to develop wheels for their machines.

Hub Type

There are seven main types of press wheel hub.

- Integral – One piece cast alloy unit with tapered roller bearings (HT) to suit a 40mm round or square stub axle, agricultural grade seal and inbuilt dust cap protection. Narrow hub profile.
- Zero Maintenance Agri-Hubs – A fully sealed, fully assembled hub. No maintenance required for the life of the hub. Repair by replacement. A more expensive option upfront, with maintenance savings over the life of the hub.
- HT – Separate cast steel hub, same bearings and seals as Integral, 40mm round or square stub axle, separate dust cap protector. Wide and Narrow Hub profiles available (Narrow profile uses Integral stub axle). We can also do Ford and BMW patterns if required.
- HT Planter - Separate cast hub (steel and alloy versions available), sealed bearings and seals, 16mm round axle or bolt, separate dust cap protector. Suits our range of planter wheels and John Deere replacement parts.
- Flange Bearing – Wheel designed so that two bolt on flange bearings can be fitted. Can be used as replacement for other flange design press wheels such as Jaenke.
- Sealed Bearing (Double Bearing) – two sealed ball bearings either with or without locking collars. Bearings available to suit a range of shaft sizes. Normally used with A-Frame design shaft. A version of this is specifically available as a replacement for JD1870 and Conservapak wheels.
- Sealed Bearing (Single Bearing) – one sealed wide race ball bearing. Bearings available to suit a range of shaft sizes. Normally used with bolt stub axle. The most common size is 16mm or 5/8th bolt. Commonly used on John Deere machines.
- Nylon Bush – Nylon Bush centre to suit either 25mm or 32mm shaft size. Normally used in conjunction with straight through gang shafts running on separate pillow block bearings.

For advice on the most appropriate system to use contact Manutec, 08 8260 2277.

Manutec also has a range of press wheel assemblies.

Assembly Type

There are four main types of press wheel assembly.

- Trailing Swivel/Fixed, individual assemblies.
- Trailing Swivel/Fixed, twin assemblies.
- Inframe Swivel/Fixed, individual assemblies.
- Gang Assemblies.
- Fixed, Adjustable and Semi Adjustable Tyne Mounted Assemblies.

For advice on the most appropriate system contact Manutec, 08 8260 2277.

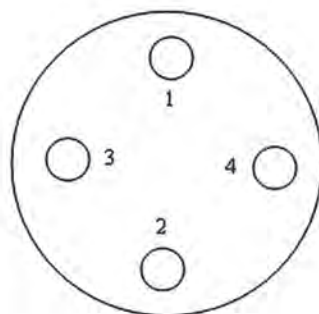
Disclaimer

The nature of press wheels is that they will give very different results across a range of farming techniques, machinery combinations, environmental conditions and soil types. The advice in this document is general in nature and is not to be used as the sole source of information when choosing press wheels. It is strongly advised that this is used in conjunction with either specialist local or practical knowledge to determine the best configuration for individual circumstances. If this is not available then a series of short trials is recommended to give actual performance characteristics in individual conditions.

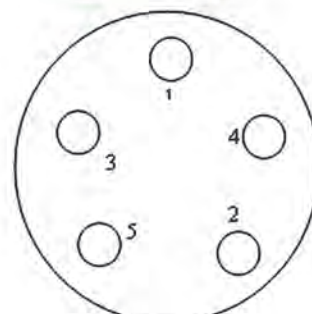
Identifying Stud Patterns

Wheel Type	Stud Diameter	Number of Studs	PCD (Inches)	PCD (mm)	Centre of Adj Studs (Inches)	Centre of Adj Studs (mm)
Gemini	7/16"	4	-	100.00	2 13/16"	70.70
Mini	7/16"	4	4"	101.60	2 13/16"	71.84
Capri	7/16"	4	4 1/4"	107.95	3"	76.33
Cortina/Telstar	7/16"	4	4 1/4"	107.95	3"	76.33
Datsun 1600	7/16"	4	4 1/2"	114.30	3 3/16"	80.82
Early Ford	1/2"	4	4 1/2"	114.30	3 3/16"	80.82
Toyota Corona	7/16"	4	4 1/2"	114.30	3 3/16"	80.82
Valiant to 71	7/16"	5	4"	101.60	2 3/8"	59.72
Holden HT HG HK	7/16"	5	4 1/4"	107.95	2 1/2"	63.45
Ford	1/2"	5	4 1/2"	114.30	2 5/8"	67.18
Valiant to 71-72	7/16"	5	4 1/2"	114.30	2 5/8"	67.18
Commodore	7/16"	5	-	120.00	2 3/4"	70.53
Holden HQ HJ HX	7/16"	5	4 3/4"	120.65	2 13/16"	70.91
F100	1/2"	5	5 1/2"	139.70	3 1/4"	82.11
Ford-Jeep	1/2"	5	5 1/2"	139.70	3 1/4"	82.11
Land Rover	5/8"	5	6 1/2"	165.10	3 13/16"	96.98
Land Cruiser 4WD	1/2"	6	5 1/2"	139.70	2 3/4"	69.85
Nissan Patrol	1/2"	6	5 1/2"	139.70	2 3/4"	69.85
Land Cruiser 100 Series	9/16"	5	-	150.00	-	88.17
AgriHub (4H)	M12	4	-	98.00	-	138.6
AgriHub (5H)	M12	5	-	98.00	-	115.2

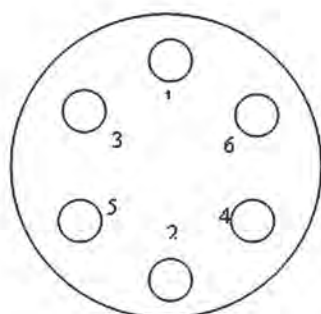
Nut / Stud Tensioning Sequence



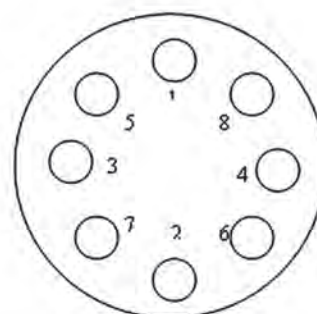
4 Stud



5 Stud



6 Stud



8 Stud

Wheel Terminology

BEAD SEAT

Position where the tyre rests on the inside and outside of wheels and seals the air.

CENTRE BORE HOLE

The diameter of the centre bore hole is critical to ensure correct placement of wheel on vehicles centre hub or spigot.

CENTRE BORE LOCATING RING (CBL RING)

A CBL ring can be inserted into the wheels centre bore to reduce the bore size down to accommodate the wheels hub or spigot size. This is mostly found on front wheel drive vehicles or vehicles that require stud bolts (e.g., Mercedes, BMW, Daewoo etc.)

CENTRELINE

Half of the overall wheel width.

MAG WHEEL

Commonly misused term to describe Aluminium Wheels. Very little Magnesium exists in Alloy Wheels. (True Magnesium Wheels are still made and are mainly used for Racing because of their weight.)

MOUNTING FACE (Also known as Mounting Plate or Boss.)

This term is used to describe the back of the wheel that comes into contact with the hub flange or brake drum assembly.

NEGATIVE OFFSET

Indicates the mounting face is behind the centre line of the wheel or rim. Most often found on standard rear wheel drive vehicles.

OFFSET

The distance between the mounting face and the centre line of the wheel. This distance is deemed POSITIVE when the mounting is outboard of the centreline. The NEGATIVE term is used when the mounting face is inboard of the centreline.

P.C.D. (Pitch Circle Diameter)

The diameter of an imaginary circle drawn through the centre of each bolt hole. The diameter is called P.C.D.

POSITIVE OFFSET

Refers to wheels where the mounting face is (outboard) of the centre line of the wheel. Most often found on front wheel drive vehicles.

REAR SPACING

This term is quite often mistakenly believed to be OFFSET. It is the measurement from the mounting face to the inner wheel edge. This measurement is taken by placing a straight edge across the inner wheel edge and measuring the distance from it to the mounting face.

WHEEL DIAMETER

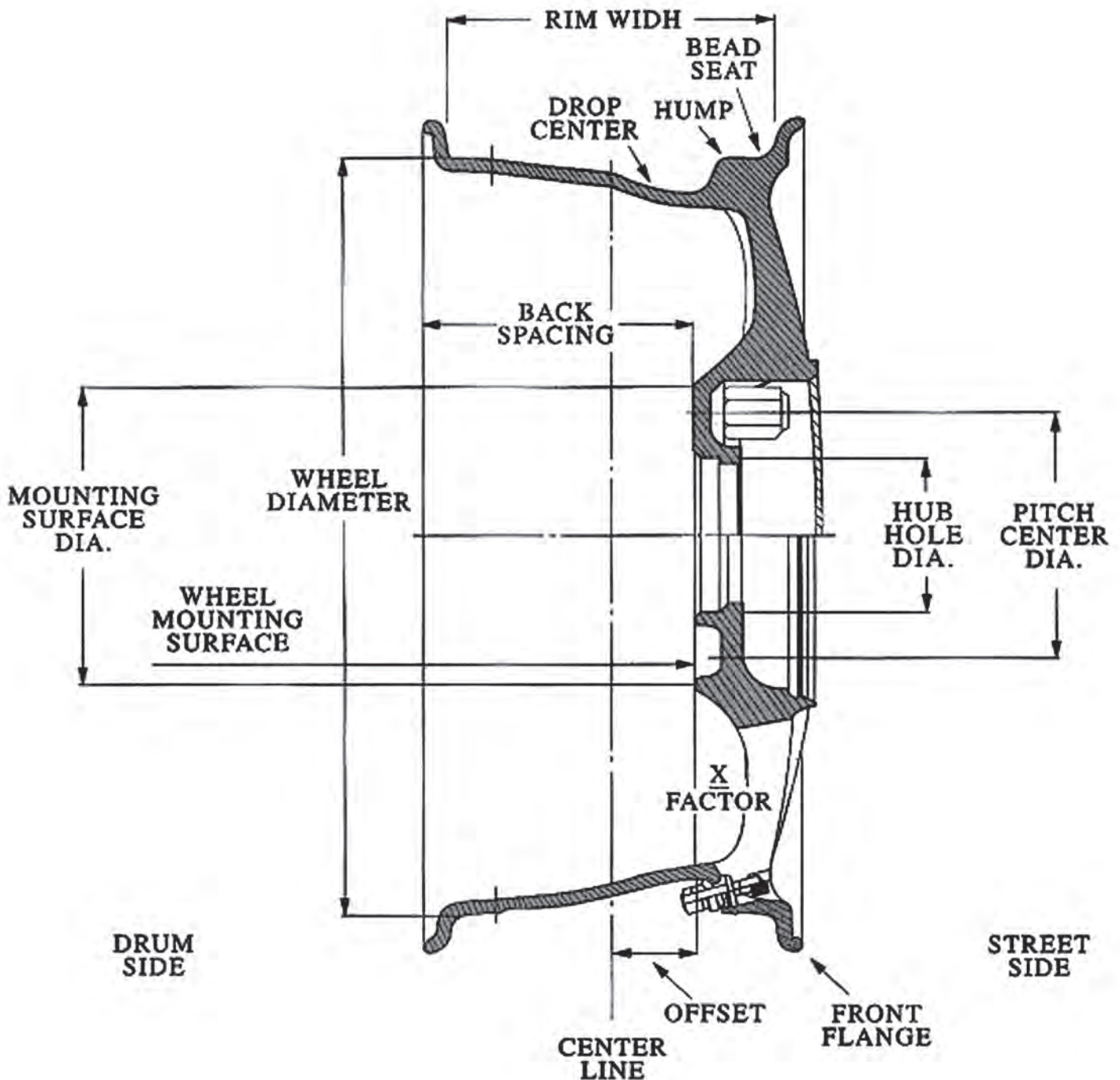
Is the vertical height of the wheel measured for the bead seat. (Not from the edges of the wheel) a 15" wheels is actually 16" in diameter when measured from the wheel's extreme edges.

WHEEL WIDTH

Is the horizontal width of a wheel measured from the bead seat (Not from the edges of the wheel). A 14x6 wheel is actually 7" due to the extra ½" wheel flange sections.

How To Measure Offset And Backspacing

In order to measure backspacing, position the un-mounted wheel face down on a flat surface. Place a straight edge across the rear rim flange, at the centre of the rim opening. Using a second ruler measure the perpendicular distance from the bolt on face to the bottom edge of the rim-contacted straight edge. This measurement represents the backspace.



How To Read A Sidewall

The sidewall of your tires contains a great deal of information, including the manufacturer, its brand name and the type of construction. But what do the rest of the numbers and symbols mean? To find out, just click any of the codes shown our sample tire:



Vehicle Rating

The vehicle (or application) rating indicates the type of vehicle for which the tire is designed. In our example, the "P" indicates that this tire is designed for passenger vehicles. Other codes include: "LT" (Light Truck), or "T" (Temporary), which indicates that a tire is designed as a spare, to be used for short distances only.



Aspect Ratio

The first number in this group indicates the width of the tire, measured from sidewall to sidewall, in millimetres. The second number gives the sidewall height as a percentage of the width. In our example the tire is 215 mm wide, with a height that is 65 per cent of the width. Based on the calculation 215×0.65 , the tire in our example has a sidewall height of 139 mm. It is important to make sure your vehicle's tires are all the same size.



Construction Type

The "R" in the example above indicates a radial tire. Other codes you might find include: "B" for belted bias "D" for diagonal bias



Diameter

This code shows the diameter of the tire, in inches. Our sample tire in this illustration is 15 inches across.



Load Index

The load index describes how much weight the tire can carry at maximum inflation pressure. The number shown here is a code, not the actual weight measurement. The code of 89 indicates that this sample tire can support a maximum of 580 kilograms. The load index codes range from 0 to 279 with the majority of passenger tires rated between 70 and 110.

In all instances the tyres load index must meet or exceed the value displayed on the vehicles placard.

Load index	Load in Kg per tyre	Load index	Load in Kg per tyre	Load index	Load in Kg per tyre	Load index	Load in Kg per tyre	Load index	Load in Kg per tyre
62	265	75	387	88	560	101	825	114	1180
63	272	76	400	89	580	102	850	115	1215
64	280	77	412	90	600	103	875	116	1250
65	290	78	425	91	615	104	900	117	1285
66	300	79	437	92	630	105	925	118	1320
67	307	80	450	93	650	106	950	119	1360
68	315	81	462	94	670	107	975	120	1400
69	325	82	475	95	690	108	1000	121	1450
70	335	83	487	96	710	109	1030	122	1500
71	345	84	500	97	730	110	1060	123	1550
72	355	85	515	98	750	111	1090	124	1600
73	365	86	530	99	775	112	1120	125	1650
74	375	87	545	100	800	113	1150	126	1700



Speed Rating

The speed rating is a letter code, from A to Z, that indicates the maximum speed capabilities of the tire. This speed rating is only valid for tires that are properly inflated and carrying loads within their assigned load index. See the chart below for a full list of speed symbols and their applicable values.

Speed Symbol	J	K	L	M	N	P	Q	R	S	T	U	H	V	W	Y	VR	ZR
Speed in km/h	100	110	120	130	140	150	160	170	180	190	200	210	240	270	300	>210	>240

To protect your ability to control your vehicle, you should only install tires with a speed rating that is equal to or higher than your vehicle manufacturer's recommendation.

Conditions

In our example, "M+S"; (Mud and Snow), indicates an all-season tire. The snowflake and mountain symbol on the side of a tire indicates that it meets or exceeds the new snow tire designation specifications, and will provide you with optimum traction in severe snow conditions.

DOT Number

All tires sold in Canada must have the "DOT" ((Department of Transportation), or tire identification number, moulded into the sidewall. Our tire has a DOT number of GHYT 4501. The first two characters after DOT indicate the manufacturer; the second two characters indicate the plant where the tire was manufactured.

Next you may see an optional string of three to four characters. Our example does not include this code. Most manufacturers use these to record company specific information about the tire, and, if necessary, use them as a guide when issuing product recalls. Because they are company specific, these codes are not standardized and are meaningful only to the manufacturer.

The last three or four digits give the date the tire was made. For all tires built after 1999, this will be a four-digit number with the first two digits giving the week number, and the last two giving the year. For many tires built previous to 2000, the date indicator will consist of three digits, the first two giving the week number and the last giving the last digit of the year. In our example tire, the last four digits of the DOT code are 4501, so our tire was made during the 45th week of 2001.

Maximum Pressure

This number gives the maximum cold pressure required to carry the maximum load for which the tire is rated.

The maximum pressure number is not the same as the recommended tire pressure for your vehicle.

Important: Never exceed the maximum pressure written on your tire's sidewall. Explosive failure may occur as a result, leading to serious injury or death.

Maximum Load

This number tells you the maximum amount of weight the tire can support when cold. Remember, cold means the tire has been driven less than 2 km, or has been standing still for at least three hours.

Quality Rating

The quality rating consists of three measurements, all of which are tested under controlled conditions and graded to a standardized system. These measurements are treadwear, traction and temperature.

Please note that these ratings are based on a relative scale, and each manufacturer assigns the scale across its own product lines. This means that although the grading system is good for comparing tires of the same manufacturer, it may not be accurate for comparing tires produced by different manufacturers.

Treadwear:

This rating measures how long the tread takes to wear down. The higher this number, the longer the tread should last.

For example, a tire with a treadwear rating of 400 should last twice as long as one with a treadwear rating of 200.

The actual rate of treadwear for your tires depends on your unique road conditions, climate and tire maintenance.

Traction:

This rating describes the tire's ability to stop on wet pavement and concrete. Traction rating tests are conducted on vehicles driving straight ahead, and do not measure the tire's cornering abilities.

Traction ratings are written (from highest to lowest) as "AA", "A", "B", and "C".

Temperature:

Driving creates heat. Excessive heat for prolonged periods can degenerate the materials in your tires, and, under extreme conditions, can lead to explosive failure. A tire's temperature grading measures the tire's ability to withstand and dissipate heat under controlled, indoor laboratory testing.

A tire's temperature resistance is assigned the following grades (from highest to lowest): "A", "B", and "C".