



**BUY AUSTRALIAN
OWNED & MADE**

JOHN SHEARER 4 BIN DIRECT DRILLS



VERSATILE SEED DRILLS FEATURING THE ABILITY TO SOW FOUR PRODUCTS IN A SINGLE PASS.

Combination sowing of multiple seed and fertilising products can be taken care of in a single pass. Ample under-frame clearance makes trash farming easy. These drills are adaptable to summer and winter sowing practices.

Excellent depth control is provided by hydraulically lifted wheels and draw bar levelling. Large wheels mean excellent flotation and consistent point depth even in soft or rocky soil types.

The double spring tyne assemblies enable heavy breakout force settings for direct drilling, trash-farming or conventional seeding.

Available in 24 row and 27 row models to suit your needs. Options like electronic bin level sensors, spring tooth harrows and more allow you to tailor your machine for maximum productivity.

Cast Seeder Points are standard equipment, available with '620'/'630' tyne assemblies. Double Disc Openers, in lieu of tyne assemblies, for zero-till applications are optional.

- ✓ **4 BIN HOPPER**
sow four products at once.
- ✓ **4 OR 6 ROWS OF SOWING TYNES**
for maximum trash flow.
- ✓ **ADJUSTABLE WIDE RANGE GEARBOXES**
for both seed and fertilizer.
- ✓ **FLUTED ROLLERS**
for a wide variety of products.
- ✓ **ELECTRIC DRIVE OPTION**
for real-time sowing rate adjustment.
- ✓ **END-ON TOW OPTION**
for reduced transport width.



Grow a Better Crop

GEARBOX

Two ground-driven wide range gearboxes drive the seeding mechanism – each gearbox controlling two bins. 62 seed rate settings and 31 fertilizer settings each.

HEAVY DUTY 630 TYNES

For even greater ground penetration in tough soil conditions, choose our heavy duty '630' tyne assemblies with knife or seeder points. Breakout pressure can be easily adjusted up to 160kg (350lbs).



ACCESSORIES

- › Coulter assemblies
- › Spring tooth harrows
- › Extension Frame Kit
- › Double seed cups in bins 1 & 2
- › Broad Bean Distributors
- › Electronic Bin Level Sensors
- › Electric drive option
- › Heavy Duty 630 Tyne (above)

DISTRIBUTORS

Fluted rollers in the distribution system are suitable for a wide range of products. Small seeds to bulky legumes and fertilizer are all compatible.

END-ON TOW OPTION

When choosing a seeder, narrow gates and roadways shouldn't limit your options for productivity. An End-On Tow pack is the smart way to transport your 4 Bin Direct Drill between locations.

ELECTRIC DRIVE OPTION

Allows the operator to change sowing rates on the go from the tractor cab. The electric drive option also makes calibration significantly easier.

SPECIFICATIONS

NUMBER OF SOWING ROWS	27	24
Number of Ranks of Tyne	6	4
Sowing Row Spacing	180mm (7") – other options available	
Sowing Width	4.9m (16')	4.3m (14'2")
Transport Width	6.43m (21')	5.8m (19')
Engine Power Required	75-95kw (100-125 hp)	60-68kw (85-95 hp)
Hopper Capacity Total	2072 litres	1842 litres
Bin 1 (front)	553litres - (512kg Wheat)	492litres - (455kg Wheat)
Bin 2 (front)	606litres - (751kg Super)	539litres - (668kg Super)
Bin 3 (rear)	279litres - (258kg Wheat)	248litres - (229kg Wheat)
Bin 4 (rear)	634litres - (786kg Super)	564litres - (700kg Super)

Tyne Types	<ul style="list-style-type: none">› '620' double spring release, Edge-on Tyne Assemblies clamped to the frame. Breakout in excess of 113 kgs (250 lb).› Optional '630' double spring release tyne assemblies for even greater breakout force.
Seed and Fertilizer Distributors	<ul style="list-style-type: none">› Nylon Fluted distributors with clip on restrictors combined with adjustable rubber distributor gates cater from small to large seeds - standard in bins 1 & 3.› Nylon peg tooth distributors are standard in bins 2 & 4
Sowing Rates Per Bin (@180mm Row Spacing)	
Wheat:	7-264 kg/ha
Canola:	3-30 kg/ha
Standard Fertilizer Rates (@180mm Row Spacing)	
Superphosphate:	52-453 kg/ha
Urea:	20-176 kg/ha
Seeding Boots & Cups	Dual banding boots are standard equipment. Single cups front bins 1 & 2, Double cups rear bins 3 & 4.
Gearboxes	31 speed fully-enclosed, oil bath gearboxes with 62 seed settings & 31 fertilizer settings each.
Depth Control	Hydraulic self phasing wheel lift cylinders on the wheel arms with a third cylinder incorporated on the hitch to provide level lift.
Wheel Equipment	23.1 x 30 x 8 ply - Directional Grip Tyres - 18.4 x 30 x 8 ply
Ground Tools	Cast Seeder Points

Shearer

JOHN SHEARER – TRUSTED SINCE 1877

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Due to our policy of continuing research, specifications are subject to change without prior notice.