



John Shearer ^{2 MODELS} 4 Bin Direct Drills

Versatile seed drills combining the ability to sow four products in a single pass, with massive trash clearance. These drills are adaptable to summer and winter sowing practices.

Full hydraulic level lift and large wheels provide excellent depth control. The double spring tyne assemblies provide ample underframe clearance and breakout force for direct drilling, trashfarming or conventional seeding.



4 BIN DIRECT DRILLS FEATURES INCLUDE:

- 4 Bin Hopper - sow 4 products in one pass
- Proven '620' tyne assemblies - greater than 113kg / 250lb breakout
- Fluted rollers - suitable for a wide variety of products
- Large wheel equipment - for excellent flotation
- Easy to calibrate wide range gearboxes - for both seed and fertilizer
- Electric drive option - change rates 'on the go'
- Hydraulic level lift system - depth control from the tractor seat
- 4 or 6 Rows of sowing tynes - maximum trash flow
- Electronic monitor - cab mounted, measures area and speed (an optional monitor includes bin level sensors)



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4 Bin Direct Drills



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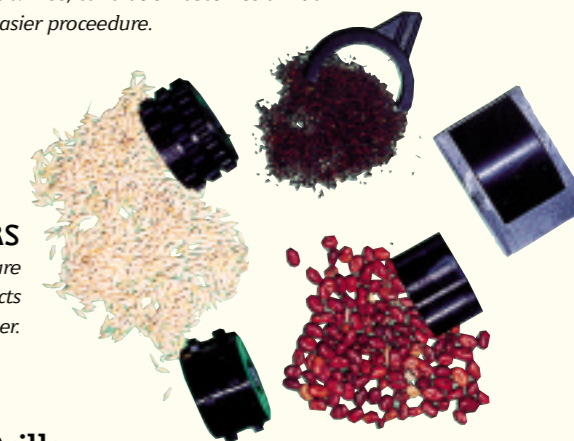


GEARBOXES

Two ground-driven wide range gearboxes provide the drive for the seeding mechanism - each gearbox controlling two bins.

ELECTRIC DRIVE OPTION

Allows the operator to change rates 'on the go' from the tractor cab. Also, calibration becomes a much easier procedure.



DISTRIBUTORS

Fluted rollers in the distributor system are suitable for a wide range of products - from small seeds to large legumes and fertilizer.

Specifications - 4 Bin Direct Drills

Size - Number of sowing rows	27	24
Number of Ranks of Tynes	6	4
Sowing Row Spacing	180mm (7") other options available	
Sowing Width	m 4.9	4.3
	(ft in) (16')	(14'2")
Transport Width	m 6.43	5.8
	(ft in) (21')	(19')
Engine Power Required	kw 75-95	60-68
	(hp) (100-125 hp)	(85-95 hp)
Hopper Capacity Total	litres 2072	1842
Front Bins	1 553 - (512kg Wheat)	492 - (455kg Wheat)
	2 606 - (751kg Super)	539 - (668kg Super)
Rear Bins	3 279 - (258kg Wheat)	248 - (229kg Wheat)
	4 634 - (786kg Super)	564 - (700kg Super)
Tyne Type	'620' double spring release, Edge-on Tyne Assemblies clamped to the frame. Breakout in excess of 113 kgs (250 lbs)	
Seed and Fertilizer Distributors	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	kg/ha	180mm (7") Row Spacing
Wheat	7-264	
Canola	3-30	
Standard Fertilizer Rates	kg/ha	180mm (7") Row Spacing
Superphosphate	52-453	
Urea	20-176	
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	'Super seeder' points are standard equipment	
Accessories	Coulter assemblies, Spring tooth harrows, Tyne depth extensions (55mm), Double seed cups in bins 1 & 2, Broad Bean Distributors, Electronic Bin Level Sensors, Electric drive option.	

John Shearer Ltd, ABN 27 007 871 472
Share Street, Kilkenny, South Australia 5009
Tel: 08 8268 9555 Fax: 08 8268 4099
International Tel: 61 8 8268 9555
Website: www.johnshearer.com.au

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

