



FINEST IN THE FIELD

IMPROVING PASTURE QUALITY



DIRECT DRILL EXISTING PASTURE WITH A JOHN SHEARER PASTURE DRILL



FINEST IN THE FIELD

INCREASE THE CARRYING CAPACITY OF YOUR PADDOCKS WITH A JOHN SHEARER PASTURE DRILL



Yes, direct drill into existing pasture instead of cultivating up the ground and losing time while you wait for the new pasture to grow. Direct drilling is a quick way of upgrading both quality and density. Maximize your success rate by selecting from the John Shearer range of Pasture Drills. Remember that John Shearer have been designing and building farm machinery since 1877.

THERE ARE TWO MODELS TO CHOOSE FROM, COULTER/TYNE AND TYNE:

1. COULTER TYNE DRILL

This model is recommended for use in the improvement of existing pastures where some or all of that existing pasture is intended to be retained. The coulters cut a path ahead of each sowing tyne which minimises disturbance of existing pasture.



Shown with optional handrail & steps

2. TYNE DRILL

This model is generally suited to situations where pastures are being sown into fully cultivated seed beds, or where any existing pasture has been completely removed by prior spray applications. There are three ranks of tynes which provide excellent ability for trash which pass between the tynes during sowing.



UNIQUE CHARACTERISTICS OF THE JOHN SHEARER PASTURE DRILLS

DUAL BOOT ADAPTOR - BAKER OR MINI 'T' BOOT

The boot will accept either a 'Baker' or 'Mini T' blade. This boot can help you increase the rate of germination and plant survival. The leading (cutting) edge passes through first, creating a slit. This action can be assisted by a coulters mounted in the front of the tyne - as is the case with coulters tyne model. The heel, at the rear of the boot, creates a cavity, into which the seed is placed. The leading edge of the boot also prunes roots of existing plants.



Mini 'T' Fitted



Optional Lucerne Point Fitted

RENOWNED 580 TYNE ASSEMBLY

The edge-on tyne assembly, has easy pressure adjustment for varying soil conditions. Adjustable to 75kgs (165lbs) breakout pressure for increased digging ability, it also provides good underframe clearance and trash handling.

SPRING RELEASE DISC COULTER ASSEMBLIES (Coulters/Tyne model)

The coulters assemblies incorporate a stump jump action using easily adjusted spring tension. A coulters runs directly in front of every sowing tyne to open up the ground for the seed boot thereby minimizing soil disturbance. 280mm (11") coulters are standard. 355mm (14") coulters fitted to a 'double spring' jump action assembly are optional.



INCREASE YOUR CARRYING CAPACITY BY UPGRADING YOUR PASTURE - INSTEAD OF INCREASING YOUR LAND AREA

★ IMPORTANT FEATURES ON THE JOHN SHEARER PASTURE DRILL TO HELP ENSURE SUCCESSFUL SOWING

The John Shearer Pasture Drill is engineered to give consistent performance over many years. The drills are equipped with a proven sowing mechanism, that ensures an even flow of material and fully adjustable spring release tyne assemblies, which allow for seeding into a wide variety of soil conditions. Robust design and large capacity bins are other important features which ensure efficiency during sowing. Having the crop planted on time will maximize germination and lift the productivity of your paddocks. Remember, when you invest in a John Shearer Pasture Drill, you invest in strength, reliability and in an implement that really holds its value year after year.

SIMPLE SOWING RATE ADJUSTMENT

The Pasture Drill features a 31 speed, fully enclosed, oil bath gearbox to give simple calibration and a wide range of sowing rates for both seed and fertilizer.



EASY MAINTENANCE

Maintenance time is reduced, with the easily accessible remote greasing facility which is fitted to the grain and fertilizer shaft bearings.



EASY CALIBRATION

To calibrate sowing rates, simply attach the handle provided to the gearbox and operate the metering system.



VERSATILE SOWING MECHANISM

The fluted distributors in the grain compartment suit a wide range of sowing applications, from small pasture seeds such as Canola and Rye Grass to large legumes like Peas and Lupins. Optional Broad Bean distributors can be fitted. The adjustable rubber gates minimize seed damage and fertilizer build-up.



EXCELLENT DEPTH CONTROL

An optional trailing hitch kit consists of an "A" frame which attaches to the 3pt linkage points and two heavy duty phasing cylinders. The cylinders activate high flotation depth tyres to give positive level lift and fast accurate depth control.



ELECTRONIC HECTAREMETER

The cab mounted electronic hectaremeter provides convenient visual readout of area sown per paddock and speed of travel.

LARGE CAPACITY BOXES

The grain and fertilizer boxes provide extra large capacity, which means less stops between refills and reduced travelling time.

EXTRA LARGE SIGHT GLASS

An extra large sight glass provides the operator with a quick visual reference of material level in the front bin from the tractor seat.

LID GAS STRUTS

Gas struts are standard equipment on either side of the box and assist the operator when opening and closing the lid.

JOHN SHEARER PASTURE DRILLS HAVE MANY IMPORTANT FEATURES FOR GETTING IT RIGHT FIRST TIME

PRODUCE MORE FEED WITH A PROVEN JOHN SHEARER PASTURE DRILL



Pasture Drill – Specifications

Size	10 Row	13 Row	16 Row	19 Row
Sowing Width	1.8m (5'10")	2.3m (7'8")	2.9m (9'6")	3.4m (11'3")
Sowing tyne spacing	180mm (7")			
Sowing rows	10	13	16	19
Overall width	2.58m (8'5")	3.14m (10'4")	3.63m (11'11")	4.21m (13'10")
Coulter Diameter	280mm (11"), 355mm (14") optional			
Coulter jump capacity	160mm (6 1/4")			
Hopper capacities:-				
- Total Litres	471	624	768	912
- Rear Wheat	160kgs	210kgs	260kgs	310kgs
- Front super	220kgs	285kgs	352kgs	420kgs
Depth wheels	235/75x15" on ROH wheels			
Tyne type	'580' spring release, edge-on tynes, breakout in excess of 75kgs (165lbs).			
Seed & Fertilizer Distributors	Nylon fluted distributors in the seed compartment (with removable restrictors) and peg tooth distributors in the fertilizer compartment.			
Sowing rate adjustment	31 speed wide range gearbox with 62 seed and 31 fertilizer settings. Extra sprockets are available for additional settings.			
Sowing rates-kgs/ha	Canola: 3-20, Rye: 2-13, Millet & Canary: 3-23, Oats: 4-147			
Approx. weight				
Empty: Coulter / Tyne	820kgs	970kgs	1,130kgs	1,395kgs
Tyne Drill	670kgs	780kgs	890kgs	1040kgs
Approx. power 3pl	34Kw (45hp)	48Kw (65hp)	59Kw (80hp)	70Kw (95hp)
Approx. power trailing	26Kw (35hp)	30Kw (40hp)	47Kw (55hp)	52Kw (70hp)
Options and Accessories	Optional trailing hitch kit, Optional handrail & steps on platform, Grass seed box, fertilizer screens, Double sowing cups/boots, 355mm (14") coulters, Broad Bean rollers, Lucerne points.			

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