JOHN SHEARER
PASTURE DRILLS
DISC/TYNE/COULTER-TYNE MODELS

EXTRA LARGE BINS
for less time lost to refilling.

EASILY ADJUST SOWING RATE
for both seed and fertilizer.

SIMPLE MAINTENANCE
via remote greasing points.

ELECTRONIC HECTAREMETER
for real-time in cab monitoring.

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

For a robust, workhorse solution that will perform consistently and hold its value for many years, John Shearer make pasture drills you can trust. Simple maintenance, easy operation and a range of optional attachments are just a few of the benefits.

PASTURE DISC DRILL
Bypass costly seed bed preparation and minimize lost grazing time by disc seeding in a single pass. The John Shearer Pasture Disc Drill features an adjustable breast cut allowing for the minimum slot width necessary to permit seed and fertilizer entry. The smooth, narrow ground entry profile maintains soil firmness and promotes rain absorption while reducing wind-loss of topsoil.

PASTURE TYNE DRILL
Ideal for direct drilling into fully cultivated seed beds or where existing pasture has been removed by prior spray applications. Our renowned ‘580’ edge-on tyne assembly is available with Baker Boots, Mini T Boots or Lucerne Points. Spring breakout pressure is adjustable up to 75kg (165lbs).

COULTER-TYNE DRILL MODEL
Don’t want to waste time cultivating up the soil and waiting for new pasture to grow? The Coulters-Tyne drill model lets you direct drill into your existing pasture to upgrade quality and density without starting from scratch. Spring release disc coulter assemblies run in front of each tyne to minimize soil disturbance.
VERSATILE SOWING MECHANISM
The fluted distributors suit a wide range of sowing applications, from small seeds like Canola and Rye grass to bulky legumes. Adjustable rubber gates minimize seed damage and fertilizer buildup.

GEARBOX
John Shearer Pasture Drills 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 CALIBRATION
To calibrate sowing rates, simply attach the handle provided to the gearbox and operate the metering system. Electronic scales are also provided.

ADAPTABILITY
Attach the drill to a 3 point linkage or order an optional trailing hitch kit with ‘A’ frame draw bar and two heavy duty phasing cylinders. The cylinders activate high flotation depth wheels to give positive level lift and fast, accurate depth control.

OPTIONS & ACCESSORIES
› Optional trailing hitch kit
› Grass seed box
› Fertilizer screens
› Double Disc Openers
› Broad bean distributors
› Spring tooth harrows

SPECIFICATIONS

<table>
<thead>
<tr>
<th>SIZE</th>
<th>10 ROW</th>
<th>13 ROW</th>
<th>16 ROW</th>
<th>19 ROW</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sowing Width</td>
<td>1.8m (5’10”)</td>
<td>2.3m (7’8”)</td>
<td>2.9m (9’6”)</td>
<td>3.4m (11’3”)</td>
</tr>
<tr>
<td>Sowing Rows</td>
<td>10</td>
<td>13</td>
<td>16</td>
<td>19</td>
</tr>
<tr>
<td>Overall Width</td>
<td>2.58m (8’5”)</td>
<td>3.14m (10’4”)</td>
<td>3.63m (11’11”)</td>
<td>4.21m (13’10”)</td>
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<tr>
<td>Hopper Capacities</td>
<td>47L</td>
<td>624L</td>
<td>768L</td>
<td>912L</td>
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<tr>
<td>Rear Bin Capacity (Wheat)</td>
<td>160kgs</td>
<td>210kgs</td>
<td>260kgs</td>
<td>310kgs</td>
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<tr>
<td>Front Bin Capacity (Fertiliser)</td>
<td>220kgs</td>
<td>285kgs</td>
<td>352kgs</td>
<td>420kgs</td>
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<tr>
<td>Weight Empty (Approx) Disc Drill</td>
<td>808kgs</td>
<td>959kgs</td>
<td>1111kgs</td>
<td>1332kgs</td>
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<tr>
<td>Weight Empty (Approx) Tyne Drill</td>
<td>670kgs</td>
<td>780kgs</td>
<td>890kgs</td>
<td>1040kgs</td>
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<tr>
<td>Weight Empty (Approx) Coulter/Tyne Drill</td>
<td>820kgs</td>
<td>970kgs</td>
<td>1130kgs</td>
<td>1395kgs</td>
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<tr>
<td>Engine Power Required - 3 Point Linkage</td>
<td>34kw (45hp)</td>
<td>48kw (65hp)</td>
<td>59kw (80hp)</td>
<td>70kw (95hp)</td>
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<tr>
<td>Engine Power Required - Trailing</td>
<td>26kw (35hp)</td>
<td>30kw (40hp)</td>
<td>47kw (55hp)</td>
<td>52kw (70hp)</td>
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</tbody>
</table>

ALL MODELS
Disc/Tyne Spacing | 180mm (7”) |
Depth Wheels | 235/75 x 15” on ROH wheels |
Seed & Fertilizer Distributors | Fluted distributors in the seed compartment, with removable restrictors for small seeds and peg tooth distributors for fertiliser. |
Rate Adjustment | 31 speed wide range gearbox with 62 seed and 31 fertilizer settings. Extra gears are available for additional settings. |
Sowing Rates | Canola: 3-20kgs/ha Rye: 2-13kgs/ha Millet & Canary: 3-23kgs/ha Oats: 4-147kgs/ha |

DISC DRILL MODELS
Disc Type | High carbon steel discs, on individual, clamp-on, ‘Spring Adjustable’ assemblies |
Disc Diameter | 330mm (13”) |
Disc Jump Height | 350mm (13 3/4”) |

TYNE & COULTER/TYNE DRILL MODELS
Tyne Type | ‘580’ spring release, edge-on tynes, breakout in excess of 75kgs (165lbs). |
Coulter Diameter | 280mm (11”) |
Coulter Jump Capacity | 160mm (6 1/4”) |
Tyne Drill Options | › Double sowing cups/boots
› Lucerne points |

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