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PRECISION SEEDING

Precision seeding equipment from Versatile follows the company’s philosophy to build simple, durable equipment that is easy to adjust, operate and maintain. Versatile ‘C’ shank and independent shank air drills have been engineered from the ground up to be pinpoint accurate in a wide variety of field conditions. The result is consistent seed depth, better germination and uniform emergence which leads to maximum yields.

ALIVE TECHNOLOGY

ALIVE technology (patent pending) from Versatile takes precision seeding to a completely new level: where competitive independent shank air drills which use hydraulic cylinder(s) to control packing pressure and shank trip force can only adjust packing pressure, Versatile’s ALIVE system (Accurate Level Independent Vertical Emergence) allows producers to choose a specific seed placement profile from the tractor cab and the ML Series drill will maintain that seed placement regardless of terrain/soil type or how wet / dry / hard / soft the ground is. The result is precise seed placement, even germination, uniform emergence and better yields.

AIR CARTS

Versatile AC Series Air Carts have a simple, accurate metering system that provides for a wide range of application rates with no meter roller changes required. Choose between ground drive metering systems: mechanical quick-change sprockets or variable rate or hydraulic variable rate control that provides field mapping capability.
ML SERIES AIR DRILL OVERVIEW

- Fully mechanical 1:1 parallel linkage means the opener reacts the same as the packer wheel to changing ground conditions to provide for accurate seed placement.
- Mechanical linkage provides the benefits of independent shank technology without the tractor hydraulic flow requirements demanded by competitive drills.
- A compact arch web design provides excellent strength to the parallel linkage and minimizes skewing in turns.

The ML Series of parallel linkage air drills from Versatile are the ideal independent shank machine for simplicity and accuracy. ML Series drills use exclusive ALIVE technology to create a superior seedbed.

ALIVE technology incorporates three critical features to achieve optimum seed and fertilizer placement:

1. Independent Shank Technology
2. Mechanical Linkage
3. Seed Furrow / Placement Selection
1.  INDEPENDENT SHANK TECHNOLOGY

Independent shank technology allows for more precise seed placement and consistent emergence. Each shank operates independently to maintain a consistent seeding depth. Improved seedbeds and seed placement result in more even and rapid emergence.

2.  MECHANICAL LINKAGE

Unlike competitive independent shank air drills, ML Series Air Drills do not rely on hydraulic cylinder(s) to maintain consistent seed placement, packing pressure or shank trip force. Versatile’s ALIVE control system automatically adjusts the position of the air drill frame up / down to increase or decrease packing pressure as needed to maintain chosen seed placement position which allows the drill to pass through soft areas or over harder knolls while maintaining consistent and precise seed placement.

3.  SEED FURROW SELECTION

The ALIVE control system on Versatile ML Series drills allows operators to select from three seed furrow / placement profiles: ‘Shallow’ for small seeds such as canola, ‘Medium’ for cereal crops or ‘Deep’ for legumes. A gauge wheel is installed on the main frame of each air drill (optional on wing sections) with a potentiometer installed on the parallel linkage to compare the angle of the gauge wheel and adjacent shank linkages to define seed placement.
Versatile DH Series Air Drills have been proven accurate and are simple to operate and easy to maintain. Designed for consistent seed depths in a variety of field conditions, Versatile DH Series Air Drills maximize germination and ensure uniform emergence.

**DH SERIES AIR DRILL OVERVIEW**

- Three and five section air drills
- Widths from 33’ to 60’ (10.2 m to 18.3 m)
- 350 lb or 550 lb (159 or 250 kg) initial breakout force
- Single point depth control

**3-SECTION AIR DRILL**

For small to mid-sized operations, Versatile offers an air drill that will suit any farming style. Available in 33’, 37’ and 40’ (10.1, 11.3 and 12.2 m) sizes.

**5-SECTION AIR DRILL**

Available in widths of 48’, 52’ or 60’ (14.6, 15.7 or 18.3 m), Versatile DH Series Air Drills offer maximum productivity and results for larger operators that need to cover more acres in less time.
ACCURATE SEEDING
Every Versatile DH Series Air Drill is engineered using high quality components and innovative features.

SHANK ASSEMBLY
The rugged, spring cushion shank is 3.5" (89 mm) full width nylon-graphite bushing. Self-lubricating, these bushings have a long service life with no maintenance required. Shank assemblies have dual springs with a choice of 350 lb (159 kg) or 550 lb (250 kg) initial breakout force.

WALKING BEAM PACKER GANGS
The walking beam design provides positive packing pressure by allowing individual gangs to roll over obstructions in the field without affecting the adjacent gangs.

SEED BOOTS
Four seed boot choices with varying spread patterns are available for single shoot. A wide variety of after-market double shoot boots are also available from your Versatile dealer.

NARROW CONTOUR DEPTH
A shallow contour depth provides unbeatable land-hugging characteristics, even in rolling terrain.
FRONT/REAR LEVELING
Front to rear leveling is accomplished quickly and easily with adjustable pusharms connected to the rockshaft.

QUICK WING LEVELERS
To ensure accurate depth is achieved, the levelness of the toolbar is crucial. A single person can level the wing sections side to side by extending or contracting these quick wing levelers.

FLEX-WING HINGES
A flex-wing hinge system gives the fore / aft travel needed to follow the ground and reduce torsional stress without any maintenance required. The fixed hinge on the second row of each section provides weight transfer from frame to frame to ensure proper depth penetration from each section.

IN-FRAME CASTERS
Front caster wheels are placed inside the first row of the drill frame. This enables the air drill to follow uneven ground very accurately because it shortens the contour depth. Large 11L and 12.5L tires are standard in order to offer maximum flotation.

UNDER FRAME CLEARANCE
35” (889 mm) of opener to frame clearance allows trash to flow through the drill with ease. 46” (1.2 m) of clearance is achieved when the drill is lifted completely.

FRAME
A fully welded 5-row frame design ensures no two shanks are placed closely on the same row, or front to back, leaving smooth field finish.

BUILT TO LAST
Versatile DH Series Air Drills feature a rugged frame design and heavy duty construction that will keep your drill in the field throughout the planting season.
END SHANK GAUGES
Economical end shank gauges provide visual indication of the field position of the drill and can help prevent costly overlaps. They are fully adjustable and offer spring breakaway protection against impact.

ROCK DEFLECTORS / MUD SCRAPERS
Rock deflectors are available to prevent rocks or stumps from lodging between packer wheels. Steel packers have adjustable, hardened mud scrapers available to strip off mud and ensure consistent packer performance.

OPTIONAL EQUIPMENT

AUTOMATIC TRANSPORT LOCK
In transport, both front casters and rear transport wheels are automatically locked with over-center, mechanical linkages. Hydraulic pressure unlocks the drill from the transport position.

LOCK-OUT VALVES
Lock-out valves can be engaged during transport to prevent the wings from unfolding, even if the operator accidently moves the hydraulic levers.

PACKER CHOICES
Semi-pneumatic rubber will flex and shed wet, sticky soil. Steel packers, with industry leading 1/4" (6 mm) face, are better suited to rocky conditions. 3" or 5" semi-pneumatic rubber, 3.5" or 5" steel available.

CENTRAL GREASE BANKS
High pressure grease hose, located at the front of the air drill, leads to each rockshaft bearing located in the middle of the frame.

WALKING FRONT CASTERS
To increase flotation, mainframe dual caster wheels are standard equipment on drills 40' (12.2 m) and larger and optional on all smaller 3-section drills.

IN-FRAME HARROWS
Optional 2-row in-frame harrows provide a more level field finish and better seed-to-soil contact. Operators can adjust the angle and down pressure of the 16" (406 mm) tines to match varying field conditions.
Versatile AC Series Air Carts are available in both tow-between and tow-behind models. Air carts range in size from 315 bu to 390 bu. Accurate seeding results are achieved no matter what type of seed is used.

**FEATURES OVERVIEW**
- Mechanical or Variable Rate Systems
- Requires no metering roller changes
- V-PAS

<table>
<thead>
<tr>
<th>Configuration</th>
<th>AC315</th>
<th>AC400</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tank</td>
<td>Tow behind or tow between</td>
<td>Tow behind or tow between</td>
</tr>
<tr>
<td>Total*</td>
<td>315 bu. (11,100 L or 8.4 t)</td>
<td>386 bu. (13,590 or 10.4 t)</td>
</tr>
<tr>
<td>Front</td>
<td>95 bu. (3,348 L or 3.2 t) = 30%</td>
<td>108 bu. (3,792 L or 3.2 t) = 28%</td>
</tr>
<tr>
<td>Rear</td>
<td>120 bu. (4,229 L or 3.2 t) = 38%</td>
<td>156 bu. (5,497 L or 4.3 t) = 40%</td>
</tr>
<tr>
<td>Auxiliary</td>
<td>100 bu. (3,524 L or 2.7 t) = 32%</td>
<td>122 bu. (4,301 L or 3.2 t) = 32%</td>
</tr>
<tr>
<td>Canola tank</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

*Tonnes calculated assuming that 1000 L of wheat = 0.76 tonnes.
ENGINEERED FOR MAXIMUM PERFORMANCE

Simple, accurate seeding results start with an air delivery system designed for dependable, consistent results.

DISTRIBUTION SYSTEM

Versatile offers single and double shoot capability as standard equipment. Simply moving two levers per primary run changes the air cart from single to double shoot. Adjusting the air plenum in front of the fan completes the process.

SINGLE / DOUBLE SHOOT

While double shooting, product from the rear tank travels through the bottom set of hoses and product from the front tank(s) travels through the top set of hoses. To single shoot, simply flip two levers per primary run and product from the rear tank is directed to the top set of hoses and mixes with product from the front tank(s).

13" FAN

A 13" (330 mm) Crary fan is dynamically balanced and highly efficient. This fan develops sufficient air volume to allow for double shooting large application rates. Standard equipment on the AC315.

17" FAN

A 17" (432 mm) fan delivers large volumes of air at slower speeds, minimizing seed damage. The efficient use of air flow allows the operator to single or double shoot sizeable application rates with a single fan. Standard equipment on the AC400.
METERING SYSTEM
An easy to use mechanical metering system allows for consistent accurate metering of all seed types.

METERING ROLLERS
(Limited Lifetime Warranty) Versatile air carts feature polyurethane, fluted metering rollers. Not only is changing rollers unnecessary when switching from one product to another, but this design also ensures a constant flow of product.

RANGE SPROCKETS
Each metering roller is equipped with a range sprocket cluster that eliminates the need to change metering rollers when switching from one product to another. This adjustment is completed in a few seconds and no tools are required. The metering drive is shear bolt protected.

MAIN DRIVE TRANSMISSION
Metering transmissions are powered off the left rear wheel, therefore application rates remain constant even when increasing or decreasing ground speed. The air cart’s implement width can be set by installing two applicable sprockets on this transmission.

METERING HOUSING
Each metering housing has a built-in stone trap to collect foreign material such as small pebbles and fertilizer lumps etc. that have passed through the tank screen. This feature eliminates possible jamming of the metering system or premature roller wear.

3-STEP RATE TEST
Rate tests can be time consuming, but not with Versatile Air Carts. The air cart monitor calculates and displays each application rate setting; therefore no charts, decals or calculators are required.

- Step 1: Input desired application rate into monitor.
- Step 2: Crank out product sample into rate pan, weigh product and input weight into monitor.
- Step 3: Install displayed Quick-Change sprocket combination (Mechanical Systems). Zero-Max transmission (Variable Rate Systems) will position itself.
**MONITORING SYSTEM**

**Mechanical or Variable Rate Systems** - Versatile air carts are available with either mechanical or variable rate set-ups.

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**FLASH MONITOR**
Viewing all air cart functions from in the cab is critical to ensure trouble free seeding. Digital application rates, fan rpm, area per hr/field/season and ground speed can all be viewed by the operator while seeding. Bar graphs for each bin level are controlled by 4 bin level sensors to allow operators the ability to plan ahead for fills.

**IN-CAB RATE CONTROL MONITOR**
An In-Cab Rate Control Monitor allows the operator to adjust the metering rates on-the-go from the tractor cab. An Electric Actuator located on each variable speed transmission increases or decreases application rate.

**CLUTCH CONTROL**
All models feature heavy-duty Warner 12 volt electromagnetic clutches as standard equipment on both the main drive and each individual tank. The main drive clutch can be either manually controlled by the operator, or in placed Auto mode.

**BLOCKAGE MONITORING**
This option provides an operator with the ability to monitor the flow of product from the cab and will create an alarm if a hose should become plugged. The Optical Blockage Sensors do not rely on contact as competitive pinstyle sensors do, which can result in plugging.

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**BOTTOM / TOP AUGER CONTROLS**
All models feature both top and bottom auger controls as standard equipment. Spring-loaded controls automatically return to neutral position when not engaged and provides the operator with full Forward / Neutral / Reverse functions.

**AUGER LOCK**
Augers feature an adjustable locking mechanism. This secures the auger to the air cart for transport. The additional safety strap is provided to secure the auger should the transport lock accidentally unlatch.

**AUGER SWING LOCK**
This lock prevents the auger from moving once it is placed into 1 of 3 positions. This feature is helpful when filling on sidehills or on days that are exceptionally windy.

**AUGER**
An 8" (203 mm) diameter load / unload auger is standard on all air cart models. A larger 10" (254 mm) diameter auger is optional for the AC400. Balanced for a one-man operation, the 8" auger will fill 315 bushels in 7 minutes.
SIMPLE SERVICEABILITY
The simple design of Versatile air carts allows you to spend less time in the yard and more time in the field. Easy to fill, easy to adjust and easy to clean out the air carts maintain the simplicity you expect from Versatile.

FOLD DOWN RAILINGS
Fold down railings and a low tank height allow for off-season storage in sheds with less clearance.

PLATFORM/LADDER
A large platform with a ladder on each side, provides convenient access to the top of the tank.
TANK OPENINGS
Large 22” x 26” (559 x 600 mm) tank openings provide operators with faster filling times. The adjustable over-center lid locks maintain positive air pressure within each compartment. Tank screens are standard to keep out unwanted debris.

TOTAL TANK CLEANOUT
Removing product from any tank compartment is as simple as positioning the auger under the tank and then opening the total tank cleanout door.

ROLLER SYSTEM
Versatile has designed the metering roller system so operators can conveniently inspect the roller when tanks are either empty or full.

AUTOMATIC WORK SWITCH
Included as standard equipment, this industrial switch will engage and disengage the main drive clutch automatically when lowering or raising the seeding implement. A manual position is also provided to give clutch control to the operator.

OPTIONAL EQUIPMENT

WORK LIGHTS
Work lights are available for all air carts and provide additional illumination while seeding at night.

QUAD AXLE
Designed primarily for controlled traffic farming this 3m quad axle is available for all air carts. This Bolster style axle is designed to oscillate 10 degrees up and down.

REAR TOW HITCH
All models can be equipped with an optional rear tow hitch. This clevis style hitch is designed for towing liquid fertilizer wagons or NH3 tanks.

ENGINE DRIVE FAN
Available on the AC315, the engine drive fan allows for air seeding with tractors that have limited hydraulic capacity. The gasoline powered 27 hp Kohler engine provides sufficient air volume and pressure to double shoot up to 40’ (12.2 m).
Seed boot depth position is set at the factory to approximately 5/8" (the distance between the tip of the opener and the bottom of the packer wheel). This can be adjusted or fine-tuned by the operator to suit local conditions, in increments of 3/16" from 0" to 3".

Operator selects desired seed placement profile from the monitor in the tractor cab.

The ALiVE control system then maintains seed placement profile by comparing data from the position of the linkage on the gauge wheel(s) to the linkage on the adjacent opener/shank. If the angle of the parallel linkages is more than 1/2 of a degree different between the two, then the control system either raises or lowers the drill frame to bring the parallel linkages back into tolerance. Raising or lowering the drill frame add or subtracts force on the packer wheel to maintain selected seed placement.
### DH730

<table>
<thead>
<tr>
<th>Size</th>
<th>3 plex frame</th>
<th>5 plex frame</th>
</tr>
</thead>
<tbody>
<tr>
<td>33'</td>
<td>(10.1 m)</td>
<td>(11.3 m)</td>
</tr>
<tr>
<td>37'</td>
<td>(11.4 m)</td>
<td>(12.2 m)</td>
</tr>
<tr>
<td>40'</td>
<td>(12.2 m)</td>
<td>(14.6 m)</td>
</tr>
<tr>
<td>48'</td>
<td>(14.6 m)</td>
<td>(15.8 m)</td>
</tr>
<tr>
<td>52'</td>
<td>(15.8 m)</td>
<td>(18.3 m)</td>
</tr>
<tr>
<td>60'</td>
<td>(18.3 m)</td>
<td></td>
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</table>

### Field Width

<table>
<thead>
<tr>
<th>Field Width</th>
<th>8&quot; (203 mm) Spacing</th>
<th>10&quot; (254 mm) Spacing</th>
<th>12&quot; (305 mm) Spacing</th>
<th>12.1/4&quot; (311 mm) Spacing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Main</td>
<td>13' 6&quot; (4.1 m)</td>
<td>13' 6&quot; (4.1 m)</td>
<td>16' (4.9 m)</td>
<td>16' (4.9 m)</td>
</tr>
<tr>
<td>Wing</td>
<td>10' (3.0 m)</td>
<td>10' (3.0 m)</td>
<td>12' (3.7 m)</td>
<td>10' (3.0 m)</td>
</tr>
<tr>
<td>Outer wing</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Transport</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Width</td>
<td>17' 10&quot; (5.4 m)</td>
<td>17' 10&quot; (5.4 m)</td>
<td>20' 6&quot; (6.2 m)</td>
<td>20' 9&quot; (6.3 m)</td>
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<tr>
<td>Height</td>
<td>14' 8&quot; (4.5 m)</td>
<td>16' 8&quot; (5.1 m)</td>
<td>17' 8&quot; (5.4 m)</td>
<td>14' 4&quot; (4.4 m)</td>
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### Transport

<table>
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<th>Tires (All Tires Are Farm / Highway Service - 'FI')</th>
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<tbody>
<tr>
<td>Main</td>
</tr>
<tr>
<td>Wing</td>
</tr>
<tr>
<td>Outer wing</td>
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<td>Transport</td>
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### Weight

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<thead>
<tr>
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<tbody>
<tr>
<td>10&quot; (254 mm) spacing c/w 3&quot; (76 mm) rubber</td>
</tr>
<tr>
<td>17' 10&quot; (5.4 m)</td>
</tr>
<tr>
<td>20' 6&quot; (6.2 m)</td>
</tr>
<tr>
<td>20' 9&quot; (6.3 m)</td>
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<tr>
<td>Wing</td>
</tr>
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<td>Outer wing</td>
</tr>
<tr>
<td>Transport</td>
</tr>
</tbody>
</table>

### OPTIONS

- **Rock Deflectors**: Prevents rocks from lodging between packer wheels
- **Mud Scrapers**: Keeps steel packer wheels free from mud build up; adjustable to accommodate wear
- **Distribution System**: Primary Runs 4/8, 6/12, 8/16; 2-1/2" (64 mm) Hose Secondary Runs: 1" (25 mm) I.D Hose
- **Harrows**: In-frame 2 bar harrows (4-row configuration); or shank mounted harrows installed on rear rank
- **Dual Walking Casters**: Provides additional flotation in soft ground conditions. Optional on main frame for 28', 33' or 37' (8.5, 10.1, 11.3 m) sizes. Standard on 40' (12.2 m) & all 5 Section Drills
- **Shank Lowering Kit**: Lower shanks 1/4", 1/2" or 3/4" (6, 13 or 19 mm)

### Specifications

- **Frame Design**: 5 Rows (ensures no two shanks are placed closely side by side for optimum residue clearance); 4" x 4" (102 x 102 mm) Steel Tubing
- **Frame Depth**: 98" (2.5 m) from center of first row to center of rear row. (ensures no 2 shanks are placed closely front to back)
- **Under Frame Clearance**: 35" (889 mm) with double shoot opener (optimum residue flow and excellent clearance under the toolbar)
- **Road Clearance**: 14" (356 mm) without ground engaging tools
- **Depth Control**: 3 Section DH730 Models: Single Cylinder rotates rockshafts to raise or lower the entire Air Drill and two 4"x16" with easy-adjust hydraulic depth control are used on 5-section DH750 Models. 5" x 12" (127 x 305 mm) on a 3 section and 5.5" x 16" (140 x 406 mm) on a 5 section. Positive mechanical depth stop segments control depth cylinder in 1/8" (3 mm) increments.
- **Flexibility**: 13.5 degrees up, 8.5 degrees down, Fore-aft flexibility with a fixed hinge in the center to allow weight transfer from frame to frame
- **Contour Depth**:
  - 30 lb (13 kg) = 1" x 2" (25 x 51 mm) Dual Spring Cushion Shank
  - 550 lb (250 kg) = 1" x 2" (25 x 51 mm) Dual Spring Cushion Shank
  - Mounted with 5/8" (16 mm) High-Tensile Strength U-Bolts
- **Shank Pivot Bushing**: 3 ½" (89 mm) wide Nylon-Graphite (self-lubricating)
- **Packer Choices**: 8" (203 mm) spacing: 3" (76 mm) Rubber; 3 ½" (89 mm) Steel
- **Note**: All Steel Packers feature ¼" (6 mm) cap

- **Shanks**:
  - (Initial Trip Force): 350 lb (159 kg) = 1" x 2" (25 x 51 mm) Dual Spring Cushion Shank
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<th>Configuration</th>
<th>Tow behind or tow between</th>
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</thead>
<tbody>
<tr>
<td><strong>Total</strong></td>
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<td>390 bu (485 cu ft; 13,743 L; 10.5 tonnes)</td>
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### Dimensions

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<thead>
<tr>
<th>Dimension</th>
<th>AC315</th>
<th>AC400</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hand rail, up</td>
<td>12' 6&quot; (3.8 m)</td>
<td>12' 6&quot; (3.8 m)</td>
</tr>
<tr>
<td>Hand rail, down</td>
<td>11' 0&quot; (3.4 m)</td>
<td>11' 3&quot; (3.4 m)</td>
</tr>
<tr>
<td>Length, w/auger</td>
<td>25' 0&quot; (7.6 m)</td>
<td>25' 0&quot; (7.6 m)</td>
</tr>
<tr>
<td>Width, w/auger</td>
<td>12' 6&quot; (3.8 m)</td>
<td>12' 6&quot; (3.8 m)</td>
</tr>
</tbody>
</table>

### Air System

<table>
<thead>
<tr>
<th>Type</th>
<th>Type B Distribution</th>
<th>Type B Distribution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tank design</td>
<td>Fully welded, independently pressurized</td>
<td>Fully welded, independently pressurized</td>
</tr>
<tr>
<td>Primary outlets</td>
<td>4/8, 6/12 or 8/16 primary runs</td>
<td>4/8, 6/12 or 8/16 primary runs</td>
</tr>
<tr>
<td>Primary / Secondary hoses</td>
<td>2.5&quot; (64 mm) diameter / 1&quot; (25 mm) ID</td>
<td>2.5&quot; (64 mm) diameter / 1&quot; (25 mm) ID</td>
</tr>
</tbody>
</table>

### Metering System

<table>
<thead>
<tr>
<th>Main clutch, auto/manual</th>
<th>Yes</th>
<th>Yes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Meter clutches, standard</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Transmission / Rate adjustment</td>
<td>Mechanical, Quick-Change sprockets or Variable rate Zero-Max</td>
<td>Variable rate Zero-Max with choice of manual or in-cab control</td>
</tr>
<tr>
<td>Monitor Down seeding mode ability</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Meter ranges</td>
<td>Hi, 1:1, Lo</td>
<td>Hi, 1:1, Lo</td>
</tr>
<tr>
<td>Roller changes required</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Meter rollers</td>
<td>Polyurethane</td>
<td>Polyurethane</td>
</tr>
<tr>
<td>Calibration</td>
<td>Rate pan &amp; crank</td>
<td>Rate pan &amp; crank</td>
</tr>
</tbody>
</table>

### Fan

<table>
<thead>
<tr>
<th>Type</th>
<th>Hydraulic 14 to 40 hp req. (engine drive opt.)</th>
<th>Hydraulic 15 to 40 hp req.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rotor diameter</td>
<td>13&quot; (330 mm)</td>
<td>17&quot; (330 mm)</td>
</tr>
<tr>
<td>Outlet size</td>
<td>6&quot; (152 mm)</td>
<td>8&quot; (152 mm)</td>
</tr>
<tr>
<td>Tractor requirements</td>
<td>1 set of remote coupler (+ Case Drain) up to 20 GPM (75.7 L/min) closed center or pressure compensating</td>
<td>1 set of remote coupler (+ Case Drain) up to 20 GPM (75.7 L/min) closed center or pressure compensating</td>
</tr>
</tbody>
</table>

### Auger

<table>
<thead>
<tr>
<th>Diameter</th>
<th>8&quot; (203 mm)</th>
<th>8&quot; (203 mm) / 10&quot; (254 mm) optional</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
<td>20' (6.1 m)</td>
<td>20' (6.1 m)</td>
</tr>
<tr>
<td>Controls</td>
<td>Top and bottom</td>
<td>Top and bottom</td>
</tr>
<tr>
<td>Balanced</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

*Tonnes calculated assuming that 1000 L of wheat = 0.76 tonnes.*
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