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We are pleased to present you with our 2020 Product Catalogue. We trust that you will find its contents useful for making your upcoming equipment buying decisions. This catalogue provides you with the latest information on features that are currently available on our latest line up of products.

Every company who offers farm equipment operates on a different philosophy. Some companies strive to offer the lowest priced equipment in a given category. Our motto is “Pursuing Perfection”. Our Mission Statement reads as follows: To design, manufacture and distribute the highest quality, most durable and reliable farm equipment in the world that is affordable and meets or exceeds the expectations of our most demanding customers. We understand that with our claims come very high customer expectations, which we strive very hard to deliver upon. One of the approaches that we utilize in order to pursue perfection is to design equipment that provides the greatest level of “optionality” possible. Nassim Taleb defines and elaborates on the concept of “optionality” in his best-selling book entitled “Antifragile”. He teaches his readers that a highly effective, well proven strategy for achieving exceptional success in business is to position oneself to gain big should “the upside” materialize, while guarding against the potential for experiencing big losses should the downside materialize. Truly, given the risks that are inherent with farming, Taleb’s approach to risk and opportunity management is clearly one that the most successful farmers are good at applying. However, given the countless variables that are in play, applying this concept in real life is truly very difficult, which likely explains why, in the more developed countries, approximately 20% of the farmers produce 80% of the bushels. Maintaining the status quo will eventually put everyone out of business; however, making big mistakes can bring about an end to a business very quickly.

Our development efforts continue to be focused on refining our products to improve their performance, such as was the case with the Even Stream Primary (ESP) distribution system, or designing new machines that will provide farmers with capabilities that are not currently available. Our team of agronomists provides us with the information on which avenues to pursue when embarking on the development of new systems and then our agronomists will work diligently to verify that these new designs do indeed deliver real value to farmers; make their lives easier and/or contribute to the bottom line. This coming year, as part of our research program, our agronomy team is focused on obtaining more information on how singulated crops, including corn, soybeans and canola perform on 10” versus 20” row spacings. The data from this year’s research will help us better understand the effects of row spacing for making design decisions and it will also be provided to our customers to help them make more informed decisions.

With costs being higher and margins on the farm being lower, you are obviously actively looking for ways to improve your bottom line. At Bourgault, our goal is to develop systems that will allow you to achieve this objective; however, our designs are chosen based on the upside potential that they provide, while designs with major downside risks are not offered to our customers; this provides “optionality”. I think that you have seen this approach built into our equipment in the past; it is embodied in the equipment that is found in this catalogue, and you will continue to see it in the future as we continue to introduce new technologies to the marketplace.
3420 QDA
QUICK DEPTH ADJUST

3420 XTC
eXtra TERRAIN CONTOURING

3420 PHD ParaLink™ Hoe Drill
OUTSTANDING TRANSFORM-ABILITY

For those operators looking for the independent seeding capability and productivity of the larger 3320 PHDs, but requiring the ability to transform into a small transport width, the 3420 PHD™ fits the bill.

Available in 80' & 100' working widths, the 3420 PHD™ transforms into an equally impressive 18'3" transport width and 16'6" transport height.
Available in both 80' and 100' working widths, the 3420 PHD™ employs the proven 3320 PHD™ design with the added technology of the revolutionary TransFold™ folding system (guided by the X35 Apollo™ System) which allows you to span up to 100' in field position and transform into an equally impressive 18'3" transport width!

Pictured above: the 3420-100 QDA practically hides behind the tractor in transport position!

Watch the TransFold™ drill unfold at YouTube Channel BourgaultVideo.
WIDE when you need it to be.
NARROW when you need it to be.
The TreadLite™ system

Flotation is managed evenly over the entire width of the drill thanks to the innovative TreadLite™ system. The two, 21.5 x 16.1SL wheels compensate for the added weight of the main frame sections and rear tow hitch. The two wheels contour independently so contour depth is not adversely affected. The load is carried hydraulically and balances the load between the front, in frame and TreadLite™ wheels. If the drill begins to bog down in soft, wet soil, the “Float Mode” on the X35 Apollo™ system will max the pressure to the TreadLite™ wheels to help carry the drill through to avoid becoming stuck. The TreadLite™ system contours independently ensuring a constant down pressure and can travel up to 10” below the in-frame tires without an upward contouring limit!

3420 ParaLink™ Hoe Drills are huge, which is why they are equipped with a generous number of wheels to ensure minimal compaction in the field and safe transport when moving between fields. The 3420 has 22 tires in field position and transports on 14 tires, while the 3420-80 runs on 16 wheels in the field and 10 on the road.
4 PACKER OPTIONS

are available to suit your individual requirements (see pages 14-15 for further information on PHD packing options).
As draft force increases...
...to apply more downforce at the cylinders
...which is detected by the X35 Apollo system, which will increase hydraulic pressure...
...and return the packing force to the operator's setting.

The Apollo System offers two different drill control features to help farmers gain greater effectivity of their seeding systems.

The PackMaster™ option achieves uniform packing pressure while seeding by hydraulically responding to varying field conditions.

The PackMaster™ option is available on 3420 PHDs, 3320 PHDs and 3720 ICDs paired with a tank equipped with the X35 Apollo system. Retrofit kits for previous drill models are available if the associated air seeder is equipped with the X30 Apollo system.

Farmers can now breathe easier when moving from one seeding location to the next. The TransFold™ design allows an 80' or 100' drill to fold into an envelope of only 18'3" wide by 16'6" high! Steering control (through the X35 Apollo™ system) allows the operator to turn the back wheels left or right so that the entire seeding system can be easily maneuvered through road intersections and approaches. Not only does transportation become less of an issue, farmers now have less trouble storing their valuable investment indoors.

Excellent Contouring!

The rear in-frame running gear for the 3420 PHD™ is positioned in line with the second row of seed openers. This feature reduces the frame weight on the front caster wheels and results in the wheel base being 60% shorter than the 3320 PHD™. This short contouring depth allows the 3420 to deliver highly accurate seed placement even in hilly terrain.
**LiftMaster™** provides automatic lifting and lowering of the openers at the field headlands reducing operator fatigue.

The LiftMaster™ harnessing is standard on systems consisting of a model 3420 PHD, 3320 PHD or 3720 ICD mated to a 6000 or 7000 Series air seeder equipped with an X35 Apollo system. LiftMaster is retrofitable on existing 3310 PHDs, 3320 PHDs, 3710 ICDs and 3720 ICDs connected to air seeders equipped with the X30 Apollo system.

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## No Compromises

Achieve exceptional productivity without compromising best agronomic practices. Bourgault endeavored to develop a large seeding system that could be offered on preferred 10” seed rows with MRBs® for optimal fertilizer placement. And with a 100’ operating width, producers can achieve record productivity; no compromise required!

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### 3420 ParaLink Hoe Drill

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>3420-80</th>
<th>3420-100</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>No. of Sections</strong></td>
<td>4</td>
<td>6</td>
</tr>
<tr>
<td><strong>Working Widths</strong></td>
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<td></td>
</tr>
<tr>
<td>10” spacing</td>
<td>80’</td>
<td>100’</td>
</tr>
<tr>
<td>12” spacing</td>
<td>80’</td>
<td>100’</td>
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<tr>
<td><strong>Transport Width</strong></td>
<td>18’3”</td>
<td>18’3”</td>
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<tr>
<td><strong>Transport Length</strong></td>
<td>58’11”</td>
<td>69’</td>
</tr>
<tr>
<td>(Hitch Pin to Rear Tow Hitch Pin)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Transport Height</strong> (max)</td>
<td>16’6”</td>
<td>16’6”</td>
</tr>
<tr>
<td><strong>Weight (lb) estimates only</strong></td>
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<td></td>
</tr>
<tr>
<td>10” w MRB®III, Rear Tow Hitch &amp; TreadLite™</td>
<td>62,000 lb</td>
<td>75,000 lb</td>
</tr>
<tr>
<td>12” w MRB®III, Rear Tow Hitch &amp; TreadLite™</td>
<td>58,800 lb</td>
<td>71,000 lb</td>
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<td><strong>Tires</strong> (number in brackets is total for the drill)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Main Frame Center (Rear)</td>
<td>380/55R22.5 (2)</td>
<td>380/55R22.5 (2)</td>
</tr>
<tr>
<td>Main Frame Front</td>
<td>21.5x16.1SL (2)</td>
<td>21.5x16.1SL (2)</td>
</tr>
<tr>
<td>Main Frame Rear</td>
<td>500/40R16.5 (4)</td>
<td>500/40R16.5 (4)</td>
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<tr>
<td>Inner Wing Front</td>
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<td>21.5x16.1SL (2)</td>
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<tr>
<td>Inner Wing Rear</td>
<td>NA</td>
<td>380/55R16.5 (4)</td>
</tr>
<tr>
<td>Outer Wing Front</td>
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<td>21.5x16.1SL (2)</td>
</tr>
<tr>
<td>Outer Wing Rear</td>
<td>380/55R16.5 (4)</td>
<td>380/55R16.5 (4)</td>
</tr>
<tr>
<td>TreadLite</td>
<td>21.5x16.1SL (2)</td>
<td>21.5x16.1SL (2)</td>
</tr>
<tr>
<td>Rear Tow Hitch Folding tire</td>
<td>380/55R16.5 (1)</td>
<td>380/55R16.5 (1)</td>
</tr>
<tr>
<td><strong>Packers Options</strong></td>
<td>4.8” Pneumatic / 4.5” V-style Semi-Pneumatic</td>
<td>4.5” Semi-Pneumatic &amp; 5.4” Semi-Pneumatic</td>
</tr>
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<td><strong>Depth Adjustment</strong></td>
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</tr>
<tr>
<td><strong>Contour Frame Depth</strong></td>
<td>128”</td>
<td>128”</td>
</tr>
</tbody>
</table>

*All weights and transport dimensions are estimates and are subject to change.

Every effort has been made to ensure that the information is accurate/current at the time of production.

For the latest product information check out our website at: www.bourgault.com
3320 PHD ParaLink™ Hoe Drill
Bourgault recognizes that farmer’s requirements vary greatly by region, crop selections and agronomic practices. This is why Bourgault offers the Series 3320 ParaLink™ Hoe Drill in three different configurations: the 3320 SE, the 3320 QDA, and the 3320 XTC.
**Durable Construction**

The superior design of the heavy-duty, 5" x 5" three-row frame ensures reliable service through many seasons and is backed up with a 5 year frame warranty.

**Freedom to Choose**

The Bourgault ParaLink™ design maintains the opener’s attack angle, regardless of its position. This feature allows you to select the seed opener tip that works best for your conditions and farming techniques. A wide range of width and designs are available from third party vendors.

*Bourgault recommends using narrow seed knives especially for XTC systems.*

*While guidelines are provided to help achieve intended results, final opener selection and subsequent field performance is the responsibility of the opener manufacturer and the owner.*

*Refer to pages 22-23 for information on the PHD opener assembly and pages 26-27 for the XTC opener assembly.*

**Packer Options**

For optimum results, it is critical to match your opener with the right packer wheel. Please note that these are general guidelines and may not suit specific requirements for every operation.
**4.8” PNEUMATIC**

Excellent for a wide range of seeding conditions with various openers.

- 6-ply, 4.8” pneumatic packer (with tube)
- 12-50 psi

**4.5” V-STYLE SEMI-PNEUMATIC**

The 4.5” V-style semi-pneumatic packer provides a more aggressive, narrow profile with excellent mud-shedding characteristics and is commonly used with narrow openers (¾” to 2”).

**4.5” SEMI-PNEUMATIC**

The 4.5” semi-pneumatic provides a wide, rounded packing profile and is typically matched with a ¾” to 2” wide opener.

**5.4” SEMI-PNEUMATIC**

The 5.4” semi-pneumatic provides a wide, rounded packing profile and is typically matched with a 2” to 3” wide opener.

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**Momentary Isolation Switch**

Available on 3320 PHD equipped with MRB®III (optional) or MRSIII (standard).

To further aid the ability to seed in wet conditions, a Momentary Isolation Switch is now optional for Mid Row Bander® equipped 3320 PHDs and standard for 3320 PHDs equipped with Mid Row Shanks. If the drill begins to bog down, the operator can activate the isolation switch to lift the mid row openers and broadcast the dry fertilizer, but leave the seed openers in the ground to temporarily reduce the amount of draft. This Momentary Isolation Switch feature will allow operators to keep seeding through wet spots without getting stuck in the process.

**NOTE:** The Momentary Isolation Switch feature is recommended for liquid or granular fertilizers only - anhydrous/NH₃ are not recommended due to the gassing off.

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**Mid Row Bander® Fertilizer Applicators**

Add optional Bourgault MRB®IIIs to your Series 3320 PHD to achieve optimal seed-to-fertilizer placement and ensure maximum returns by minimizing the risk of poor emergence. 3320’s, equipped with MRB®IIIs and narrow seed openers, allow for proper fertilizer placement with varying application rates.

---

**Mid Row Shank™ Fertilizer Applicators**

Bourgault also offers the hydraulically activated Mid Row Shank III for producers who want to achieve optimal fertilizer placement with a simplified design.
The X35 Apollo™ System offers two different drill control features to help farmers gain greater effectivity of their seeding systems.

Normally when seeding, the hydraulic pressure in the opener cylinder is constant, but the draft force changes when soil characteristics change. As the draft force on the opener increases, the packing force will inevitably decrease since both the trip force and packing pressure is controlled by the same cylinder.

With the PackMaster™ option, one of the packer spindles is equipped with a load cell to measure the actual packing force exerted on the ground by that packer tire. The operator first sets the desired packing force in the Apollo X35 controller. During operation, as the draft force on the opener changes, so will the downforce of the packer wheel. This change is relayed back to the X35, which will modulate the drill’s opener hydraulic pressure to maintain the set packing force.

(See How PackMaster™ Works on page 10.)

The PackMaster™ option is available on 3420 PHDs, 3320 PHDs and 3720 ICDs paired with a tank equipped with the X35 Apollo system. Retrofit kits for previous drill models are available if the associated air seeder is equipped with the X35 Apollo system.

If seeding this field with static 1200 psi, packing pressure would have varied by 50 lb which would have resulted in over-packing the light soil and under-packing the heavy soil.

The PackMaster™ option achieves uniform packing force while seeding by hydraulically responding to varying field conditions.
Farmers can remove one more operation when turning at the edge of the field. LiftMaster™ provides automatic lifting and lowering of the openers at the field headlands. This eliminates one more tedious operation at a time when many things are going at once. This standard feature was introduced in the 2016 model year 3320 PHD, 3420 PHD and 3720 ICD systems paired with 7000 Series air seeders equipped with the X35 Apollo system, and as a retrofit kit for previous systems equipped with X30 Apollo systems.

**Optional Hi-Flotation Running Gear**

**Reduce Compaction & Improve Transportation**

Float above the competition with the Hi-Flotation (HF) option exclusive from Bourgault. Large, 800/65R32 main frame front tires and 540/65R24 (singles) on the inner and outer wing caster wheels provide exceptional flotation through wet spots. Transport safety is improved with the wide stance and wagon-style steering when negotiating narrow roads with soft shoulders.

*HF is optional on all 60’, 66’ and 76’ 3320 models and standard on the 3320-86. See page 38 for more details.*
The 3320 QDA (Quick Depth Adjust) is Bourgault’s number one selling independent hoe drill. The 3320 QDA adds value to your operation by providing convenience and peace of mind. The Quick Depth Adjust feature allows you to quickly and accurately adjust your seed depth in a matter of minutes.
Shim Pack Design Makes Seed Depth Adjustment Easy

The 3320 QDA incorporates a frame height adjustment system that provides the ability to efficiently and easily adjust your seeding depth. This feature is made possible by the 2:1 contouring ratio of the PHD Seed Opener Assembly where a change in frame height produces a change of half as much in seed depth. To capitalize on this, the 3320 QDA is equipped with a hydraulic cylinder and shim assembly on each front caster wheel and rear carrier wheel. To set the seed depth at the frame, these cylinders are extended to lift the frame and shims are then slid in or out of position. Once the shims are set, the cylinders are retracted back into operational position. Seeding depth can still be set on the PHD Seed Opener Assembly to optimize the quick depth range and for adjustment of individual openers operating in wheel tracks. A $\frac{1}{4}''$ change of seed depth for the opener will produce a $\frac{1}{2}''$ depth change for the MRBs®. A change in MRB® depth is not as critical as with seed openers, but should still be realized by the operator and adjusted if required.

Hydraulic Shim Assembly

1. Frame in field operating position.
2. Divert hydraulic pressure to frame lift cylinders.
3. Raise frame to take pressure off to allow placement of shims.
4. Remove retaining pin from shims.
5. Place desired number of shims into position.
6. Replace retaining pin to secure shims at new depth setting.
7. Frame can now be returned to operating position.
8. Individual adjustment for fine tuning in wheel tracks.
Simple Depth Control
Bourgault incorporates an indexed pin depth adjustment that is simple and repeatable. Each position provides $\frac{3}{6}$" of adjustment, for a total range of 2-\(\frac{3}{4}" (sets seed depth range for QDA systems).

Quick Hydraulic Response
The 3320 PHD utilizes a 1-\(\frac{3}{4}" diameter cylinder for quick lifting at the headlands and reduced hydraulic demand.

ParaLink™ Control
The ParaLink™ design maintains the attack angle of the opener in the ground as the opener follows the ground profile, resulting in consistent soil flow and superior seed placement.

Superior Piston Seals
The hydraulic cylinder is equipped with double u-cup piston seals which offer excellent protection from wear and damage—the leading cause of internal leakage.

Lube-Free Bushings
Spend more time in the field and less time greasing. Bourgault incorporates high performance teflon lined composite bushings on chrome pins to ensure a long service life without the hassle of greasing.

Greater Opener to Packer Distance
The PHD Seed Opener Assembly is designed with an optimum opener-to-packer distance. This allows soil to flow into the seed row and aids residue to pass through the frame. You can achieve a consistent seed depth at greater seeding speeds for the given working conditions.

Choice of Seed Openers
Regardless of its position, the ParaLink™ design guarantees consistent seed knife angle relative to the ground allowing you to select the seed knife or tip that works best for your farming operation.

Guidelines are provided to help achieve intended results, but, final opener selection and subsequent field performance is the responsibility of the opener manufacturer and the owner.
The 2:1 contour ratio of the PHD Seed Opener Assembly is designed to deliver good contouring characteristics, excellent penetration and consistent results in a wide range of seeding conditions.

Another benefit of the 2:1 contour ratio is the dampening effect of a rough soil surface on the packer wheel. For every inch that the packer wheel moves, the seed opener will move ½”, resulting in consistent seed placement even with challenging residue, or seeding against old furrows.

The bottom arm of the PHD opener is continuous from the packer wheel to the drill frame.

If the packet/gauge wheel moves, the seed shank travels half the vertical distance in the same direction.

If the drill frame changes vertical position in relation to the packet/gauge wheel, the seed shank travels half the vertical distance in the same direction.
The design of the 1:1 contouring XTC (eXtra Terrain Contouring) Seed Opener Assembly ensures exact seed placement in a wider range of terrain conditions.
**Easy-Adjust Depth Control**
The XTC uses an index pin system (¼” increments) to make the seed depth adjustment as durable as possible.

**Quick Hydraulic Response**
The 3320 PHD utilizes a 1¼” diameter cylinder for quick lifting in the headlands and reduced hydraulic demand.

**Land Following ParaLink™ Control**
The ParaLink™ design maintains the attack angle of the opener in the ground as the opener follows the ground profile, resulting in consistent soil flow and superior seed placement.

For every 1” of vertical movement of the packer wheel, the seed opener also travels 1” thereby maintaining seed depth accuracy as the XTC opener seeds through rough terrain that varies by plus or minus 8” over the depth of the drill.

**Superior Piston Seals**
The hydraulic cylinder is equipped with double u-cup piston seals which offer excellent protection from wear and damage that may cause internal leakage.

**Lube-Free Bushings**
Spend more time in the field and less time greasing. Bourgault incorporates high performance teflon impregnated composite bushings on chrome pins to ensure a long service life without the hassle of greasing.
The 1:1 contour ratio of the XTC Opener Assembly is designed to deliver excellent contouring characteristics as the full parallel linkage allows the XTC opener to follow the field independent of the frame. The packer wheel and seed opener travel in unison for precise results and if the frame wheels sink, in soft soils, the depth will not be affected. The contour ratio is not the only aspect of a highly contour-able seed drill. The distance between the seed opener and packer wheel is slightly shorter than what is found on the 2-to-1 PHD seed opener. This tighter placement will help achieve consistent seed placement even with sharp changes in topography.

Choice of Seed Openers
The XTC seed opener design guarantees consistent seed knife angle relative to the ground, regardless of its position. Equip your XTC with a narrow seed knife to achieve accurate placement even at shallow seeding depths (3/4" to 2" maximum single-shoot opener recommended).

Choice of Packer Wheel
Bourgault offers a range of packer wheel options that will help you match your opener selection and suit your specific seeding requirements (see page 14-15 for packer options).

Built to Last
Strong, well-designed cast components resist bending and breaking, even when conditions are tough. You don’t have to worry about bent seed arms tracking over fertilizer rows.

Tighter Opener to Packer Distance
The distance between the seed opener and packer wheel is set to gain consistent seed placement even with sharp changes in topography.

Bolt-On Wheel Assembly
A packer wheel assembly can be quickly changed in the field, allowing you to get seeding again in minutes!
**Optimized Independent Seed Depth Adjustment**

When operating in extreme conditions, the Bourgault XTC opener has proven to provide exceptional land following characteristics. The depth adjustment mechanism is durably constructed to handle the rigors of extreme contouring. The depth can be adjusted in \( \frac{3}{4} \)" increments.

**Edge-On Shank**

The edge-on style shank found on 3320 PHDs allows the use of front delivery seed boot openers. This style of opener has proven to provide better, more consistent placement of the seed, while at the same time greatly reducing the risk of plugging in wet conditions. The 3320 XTC operator can be confident that the seed-only knife and edge-on shank arrangement delivers greater residue clearance than the competition in the same conditions especially when equipped with residue cutting MRB\textsuperscript{®} fertilizer applicators.

**MRS III Power Adjust Option for XTC Drills**

Producers have the option of configuring their XTC drill to include the Power Adjust option that provides convenient depth adjustment for the mid row shanks (see www.bourgault.com for further details).
## 3320 ParaLink Hoe Drill
### SPECIFICATIONS

<table>
<thead>
<tr>
<th>MODEL</th>
<th>3320-30</th>
<th>3320-40</th>
<th>3320-50</th>
<th>3320-60</th>
<th>3320-66</th>
<th>3320-76</th>
<th>3320-86</th>
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<tbody>
<tr>
<td>No. of Sections</td>
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<td>5</td>
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<tr>
<td>Working Widths</td>
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<td>20'10&quot;</td>
<td>24'4&quot;</td>
<td>24'6&quot;</td>
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<td>Transport Height (max)</td>
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<td>16'7&quot;</td>
<td>16'1&quot;</td>
<td>15'9&quot;</td>
<td>17'5&quot;</td>
<td>18'9&quot;</td>
<td>20'0&quot;</td>
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<td>Weight (lb) estimates only - with standard running gear</td>
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<tr>
<td>10&quot; w MRB® III</td>
<td>20,100</td>
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</table>

Add approximately 7,500 lb to 60’, 66’, or 76’ unit when the Hi-Flotation running gear option is added. The exception is the 86’ where HF is standard.

### Tires

| Main Frame Front | 11Lx15FI | 13.5Lx15FI | 13.5Lx15FI | 16.5Lx16.1FI* | 16.5Lx16.1FI* | 16.5Lx16.1FI* | 800/65R32 |
| Main Frame Rear | 11Lx15FI | 11Lx15FI | 11Lx15FI | 13.5Lx15FI*** | 13.5Lx15FI*** | 13.5Lx15FI*** | 16.5Lx16.1FI |
| Inner Wing Front | 11Lx15FI | 11Lx15FI | 11Lx15FI | 13.5Lx15FI** | 13.5Lx15FI** | 13.5Lx15FI** | 540/65R24 |
| Inner Wing Rear | 11Lx15FI | 11Lx15FI | 11Lx15FI | 11Lx15FI | 11Lx15FI | 11Lx15FI | 11Lx15FI |
| Outer Wing Front | N/A | - | 11Lx15FI | 13.5Lx15FI** | 13.5Lx15FI** | 13.5Lx15FI** | 540/65R24 |
| Outer Wing Rear | N/A | - | 11Lx15FI | 11Lx15FI | 11Lx15FI | 11Lx15FI | 11Lx15FI |

*Optional 800/65 R32 when HF selected  **Optional 540/65 R24 when HF selected  ***Optional 16.5 x 16.1FI when HF selected

### GENERAL SPECIFICATIONS

| Packer Options | 4.8" Pneumatic, 4.5" V-style Semi-Pneumatic, 4.5" Semi-Pneumatic & 5.4" Semi-Pneumatic |
| Trip Assembly Travel | SE & QDA: + or - 6"  XTC: + or - 8" |
| Depth Adjustment | SE: 1/8" increments, (0 to 2½" range)  QDA opener: 1/8" increments, (0 to 2½" range)  QDA frame adjustment: 1/8" increments, (0 to 1¼" range)  XTC: 1/8" increments, (0 - 3" range) |

Front to Rear Wheel
- SE: 191" with MRB® III  169" w/o MRB® III/ 219" with HF option
- QDA: 191" with MRB® III  191" w/o MRB® III/ 219" with HF option
- XTC: 191" with MRB® III/ 169" w/o MRB® III/ 219" with HF option

Rear Drop Hitch (optional)
- For pulling liquid or NH₃ tanks with lower hitch pull points
- Optional MRBs® for optimal seed to fertilizer separation
- Optional MRS®III (Hydraulic Mid Row Shank) available on 10" and 12" spacing

*all weights and transport dimensions are estimates and are subject to change.
Every effort has been made to ensure that the information is accurate/current at the time of production.
For the latest product information check out our website at: www.bourgault.com
3720 ICD Independent Coulter Drill
Achieve unbeatably accurate seed placement, in-cab on-the-fly hydraulic control of packer wheel downforce and exceptional productivity. All while maintaining your seedbed's integrity.

See the 3720 ICD in action on YouTube/BourgaultVideo
Exceptionally Consistent Seed Depth
THE 3720 ICD PARALLEL WALKING COULTER ARM ASSEMBLY

The advanced patented parallel walking coulter arm provides both accuracy and consistency in varying field conditions. The parallel link design, combined with the walking axle cleaner/packer assembly, delivers unsurpassed depth control and contour-ability. Expect consistent seed placement resulting in uniform emergence, even in challenging field conditions.

When going over rocks or uneven ground, for every 1" that the cleaner wheel adjusts vertically, the seed depth moves only 3/8".

For every 1" that the packer wheel moves vertically, the seed depth moves only 5/8".

When moving over smooth terrain, the seed boot will follow the combined vertical movement of the cleaner/packer wheel at a 1:1 ratio.

A Cleaner Wheel Options
Two cleaner wheel options extend your 3720's customization. The narrow option (3") minimizes damage to standing stubble, while the wider (4.5") option provides increased stability in pre-worked or softer soils. The spoked cleaner wheel design allows debris to exit the wheel.

B Parallel Arms
Parallel arms provide a consistent angle on the scraper's presentation to the soil. This ensures the low disturbance scraper maintains a constant attack angle to the ground providing optimum seed placement. Each arm provides +9" & -7" of travel from nominal position for 16" of total opener travel.
PACKER OPTIONS

are available to help ensure optimal results in your specific conditions. To further optimize performance, shims located on the packer wheel enable you to adjust its position relative to the opener.

The 4.5” Double-Shoulder Offset Semi-Pneumatic packer wheel is effective in directing soil over the furrow, as well as closing the flap (recommended with LDx Scraper).

The 4.5” Double-Shoulder Semi-Pneumatic packer wheel is highly effective when combined with the Disk Wing Scraper.

**Niaux 200 Disk Blade**

The 3720 ICD employs the *Niaux 200* disk blade. This large 20½” diameter x .197” thick single bevel boron steel coulter has exceptional hardness for a 20% longer life than standard coulters, plus, malleability around the hub; this allows for flexibility when encountering obstacles. The balance of hardness and malleability allow you to cut through residue with ease and achieve precise seed placement season after season.

**Packer Depth Adjustment**

The Depth Adjustment provides seed depth changes in ¼” increments for a total of 4” of adjustment. The simple pin-style system includes a convenient handle.

**1” Diameter Needle Bearings at the Pivot Points for Long Wear Life**
In response to changing soil and moisture conditions, the packing pressure on each individual opener can be conveniently set “on-the-go” with the 415 control box allowing you to adjust the packer wheel downforce on each seed row from 70 to 230 lb*.

In the walking configuration, packing pressure is shared 70% to the packing wheel and 30% to the cleaner wheel. Lock the cleaner wheel into the “up” position to direct 100% of packing force to the packer wheel.

Note: if you choose the PackMaster™ option, then the 415 control box is eliminated with all of the control being done through the X35 Apollo System.

*Lifter wheel downforce may vary with field conditions and cleaner wheel orientation

LiftMaster™ provides automatic lifting and lowering of the openers at the field headlands reducing operator fatigue.

The LiftMaster™ harnessing is standard on systems consisting of a model 3420 PHD, 3320 PHD or 3720 ICD mated to a 6000 or 7000 Series Air Seeder equipped with an X35 Apollo™ System. LiftMaster™ is retrofitable on existing 3310 PHDs, 3320 PHDs, 3710 ICDs and 3720 ICDs connected to air seeders equipped with the X30 Apollo™ System.

The PackMaster™ option automatically achieves uniform packing pressure and provides a more consistent penetration depth resulting in a more uniform seed depth (for additional information on “How It Works” see page 10).

The PackMaster™ option is available on 3420 PHDs, 3320 PHDs, and 3720 ICDs paired with a tank equipped with the X35 Apollo™ System. Retrofit kits for previous drill models are available if the associated air seeder is equipped with the X30 Apollo™ system.
The LDx Scaper option is positioned slightly ahead on the coulter compared to previous designs providing a more direct trajectory for the seed and fertilizer to the bottom of the coulter cut.

The addition of the “Forward Finger” (located on the disk side of scraper) ensures product is directed along this trajectory path to the bottom of the coulter cut. The “Trailing Firmer” gently presses down on every seed to the bottom of the coulter furrow just prior to where the soil is pressed down on it by the packer wheel. Whether seeding shallow or seeding deep to follow moisture, the scraper accurately positions seed at the target depth.

Retrofitable on previous model 3710 ICD.

The Disk Wing Scraper option provides additional seed protection by placing the seed away from the furrow created by the coulter where hairpinning can occur. Field finish is similar to that of a hoe drill.

In addition, the Disk Wing Scraper can be used to separate seed and starter fertilizers. This ability can be especially useful when seeding legume crops such as soybeans. Legumes are susceptible to phosphate damage when P is seed placed. Placing the P off to the side and below the seed reduces damage to the Rhizobia bacteria in the seed trench–allowing for maximum N fixation by the plant.

It is recommended to use Mid Row Banders® for the placement of nitrogen fertilizer when using the 3720 ICD in a one-pass seeding operation.
Row Crop 
CONFIGURATION

The 7.5" and 10" spaced 3720 Independent Coulter Drills™ are available with a row cropping option to give you the flexibility to easily switch to 15" and 20" centres respectively.

Reduced 
HAIRPINNING

The 3720 ICD arm mounts the 20½" disk opener on a 5 degree lateral and 10 degree vertical compound angle. This provides better cutting action through field residue and helps reduce hairpinning in the seed rows.

Walking 
AXLE

The walking axle is key to exceptionally consistent seed depth. When additional packing force is required or when there is concern of the cleaner wheel pulverizing the soil, you have the option to engage the walking axle fixed link to lock the cleaner wheel up so that the packer wheel alone sets the opener depth.

Optimal 
NUTRIENT PLACEMENT

Placing the crops’ nitrogen requirements mid row has proven to be the optimal location for a one-pass seeding operation. Only MRBs® give you the peace of mind that your input investment is working to increase your profit margin.

Note: MRBs® are not available on 60’ and 70’ units with 7.5” spacing.
### 3720 Independent Coulter Drill

#### SPECIFICATIONS

<table>
<thead>
<tr>
<th>MODEL</th>
<th>3720-30</th>
<th>3720-40</th>
<th>3720-50</th>
<th>3720-60</th>
<th>3720-70</th>
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<td>5</td>
<td>5</td>
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<td>2</td>
<td>2</td>
<td>2</td>
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<td>Transport Widths</td>
<td>16'0&quot;</td>
<td>19'10&quot;</td>
<td>20'5&quot;</td>
<td>20'0&quot;</td>
<td>22'6&quot;</td>
</tr>
<tr>
<td>Working Widths</td>
<td>7½&quot; &amp; 10&quot; spacing</td>
<td>30'0&quot;</td>
<td>40'0&quot;</td>
<td>50'0&quot;</td>
<td>60'0&quot;</td>
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<tr>
<td></td>
<td>12&quot; spacing</td>
<td>30'0&quot;</td>
<td>40'0&quot;</td>
<td>52'0&quot;</td>
<td>60'0&quot;</td>
</tr>
<tr>
<td>Transport Height (max)</td>
<td>13'1&quot;</td>
<td>15'3&quot;</td>
<td>14'0&quot;</td>
<td>17'5&quot;</td>
<td>18'7&quot;</td>
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<tr>
<td>Weight (lb) estimates only - with standard running gear</td>
<td>n/a</td>
<td>39,000</td>
<td>52,000</td>
<td>49,000</td>
<td>-</td>
</tr>
<tr>
<td>7.5&quot; w/ MRB'III</td>
<td>25,300</td>
<td>32,500</td>
<td>43,600</td>
<td>45,500</td>
<td>65,000</td>
</tr>
<tr>
<td>7.5&quot; w/o MRB'III</td>
<td>26,200</td>
<td>33,600</td>
<td>45,500</td>
<td>51,000</td>
<td>65,000</td>
</tr>
<tr>
<td>10&quot; w/ MRB'III</td>
<td>22,100</td>
<td>28,200</td>
<td>38,400</td>
<td>42,800</td>
<td>55,700</td>
</tr>
<tr>
<td>10&quot; w/o MRB'III</td>
<td>23,900</td>
<td>31,000</td>
<td>42,000</td>
<td>47,000</td>
<td>60,100</td>
</tr>
<tr>
<td>12&quot; w/ MRB'III</td>
<td>20,300</td>
<td>26,200</td>
<td>35,800</td>
<td>40,000</td>
<td>52,000</td>
</tr>
<tr>
<td>12&quot; w/o MRB'III</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>5,900</td>
<td>Included Above</td>
</tr>
<tr>
<td>Add for Center HF</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>7,750</td>
<td>1,850</td>
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<tr>
<td>Front MF Wheels</td>
<td>Double-walking casters standard on all main frames except 3720-70</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rear MF Wheels</td>
<td>Hi-Flotation centre option available on 3720-60, standard on 3720-70</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Front Wheels, wings</td>
<td>Double-walking casters standard on inner &amp; outer wings except 3720-30 (single only)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Safety Chain &amp; Lights</td>
<td>Standard</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wing Transport Locks</td>
<td>Standard</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Rear Drop Hitch</td>
<td>For pulling liquid or NH3 tanks with (optional) lower hitch pull points</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cleaner Wheel Options</td>
<td>3&quot; wide spoked wheel, 4.5&quot; wide spoked wheel</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Air Kits</td>
<td>Single-shoot or double-shoot</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**General Specifications**

- **Opener Row Spacing**: 7.5", 10", or 12"
- **Trip Assembly**: Independent depth control with in-cab adjustable trip force
- **Packing Force**: 70-230 lb (walking configuration), 100-330 lb (locked configuration)
- **Opener Depth Adjust.**: Pin-style, ½" increments (4" total adjustment)
- **Packer Options**: 4.5" semi-pneumatic double shoulder, 4.5" semi-pneumatic double offset shoulder
- **Cleaner Wheel Options**: 3" wide spoked wheel, 4.5" wide spoked wheel
- **Air Kits**: Single-shoot or double-shoot
- **Blockage Monitors**: Optical blockage monitors available in single run (1 per manifold) or full run (1 per tertiary line)
- **Row to Row Spacing**: 66" (dependent on configuration)
- **Row Cropping**: 15" w/ 7.5", 20" w/ 10" Configuration (optional)
- **Rear Drop Hitch**: For pulling liquid or NH3 tanks with (optional) lower hitch pull points
- **MRB® III**: Optional MRB® III - hydraulically actuated

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**Notes**

- MRB® III: hydraulically actuated
- HI-Flotation: standard on inner & outer wings except 3720-30 (single only)
- Blockage Monitors: Optical blockage monitors available in single run (1 per manifold) or full run (1 per tertiary line)
Tired of Waiting for Perfect Seeding Conditions?  
Expand your operating window with Bourgault Hi-Flotation.

Although many areas in Western Canada and the Northern Plains of the United States have experienced wet conditions over the past few years, history dictates that we experience a wet cycle and then a cycle of drought; rarely do we experience average precipitation in any given year. This is why Bourgault designs equipment to meet the challenges of all conditions. The Hi-Flotation option helps you get more acres seeded in the tight seeding window - rain or shine.

WIDE FRONT AND BACK TIRES FLOAT YOU THROUGH WET SPOTS

The large, 800/65R32 front main frame tires provide 65% more surface area than dual 16.5L x 16.1 tires. The 540/65R24 singles on the inner and outer wing front caster wheels increase the surface area by 27% over dual 13.5L x 15 tires. Also, the rear mainframe tires are upgraded to 16.5L x 16.1 from 13.5L x 15. The much larger footprint keeps the drill on top in conditions that would cause regular seed drills to sink.

LARGE DIAMETER WHEELS PREVENT THE DRILL FROM “DIVING” INTO SOFT SOILS

The taller profile of the Hi-Flotation tires help prevent the front of the drill from “diving” in wet conditions. This feature is much more effective to get the running gear back on the surface if it ever does sink in the soft field conditions. Not only does this help keep your front wheels rolling instead of sinking, it also reduces draft and compaction in all field conditions.

EFFECTIVELY MANAGE TURNS WITH HF’S WAGON-STYLE STEERING

Transport safety is improved with the Hi-Flotation option. Traveling with these large drills on rough, soft, or narrow roads becomes far less of a challenge. The wagon-style hitch on the HF option provides superior tracking and safer handling in transport when negotiating narrow back roads and approaches.
The Hi-Flotation™ option allows you to get in the field sooner, providing your crop with an early start. Healthy and early germination is your best insurance against the challenges encountered through the season, including year-end frosts. Also, HF is an advantageous feature in any conditions as it allows you to transport on broken down roadways and trails with ease.
5810 AHD Air Hoe Drill
The 5810 Air Hoe Drill is a conventional floating hitch drill with a wide range of packer options, excellent flotation, single-point depth control and a proven spring trip design.

**The Bourgault Spring Trip**

**A DEPENDABLE HISTORY**

The Bourgault spring trip is a combination of ingenuity, durability and simplicity. The Bourgault spring trip cushion design utilizes increasing force geometry, allowing the Bourgault air hoe drill to be effective where competitors’ systems ride on top of the ground. Bourgault spring trip assemblies will outlast competitors’ by a factor of two or more. Should maintenance be required, the trip assembly can be easily rebuilt, safely and economically using common tools.

Choose from a variety of bolt-on or quick-change seed knives, spoon openers, vertical openers and spread tip openers to ensure you can achieve the results you need for optimal germination.

**Double-shoot openers cannot guarantee seed and fertilizer separation in all conditions. Equip your 5810 AHD with seed-only openers and Bourgault MRBs™ to achieve consistently better seeding results in a one-pass operation.**
Optimize Your 5810 TO SUIT YOUR CONDITIONS.

Packer and opener combinations allow you to optimize your 5810 AHD for different seasonal and soil conditions.

### PACKER OPTIONS

<table>
<thead>
<tr>
<th>Option</th>
<th>Description</th>
<th>Characteristics</th>
</tr>
</thead>
<tbody>
<tr>
<td>Steel Wheel</td>
<td>(21¼” in diameter)</td>
<td>Best for dry conditions where aggressive packing is required.</td>
</tr>
<tr>
<td></td>
<td>Choice of 2¼”, 3½” and 4½” widths</td>
<td>Optional mud-scraper available. Stone kickers standard</td>
</tr>
<tr>
<td>Rubber-Faced</td>
<td>Semi-Pneumatic Wheel (22” in diameter)</td>
<td>Semi-pneumatic packers offer excellent mud shedding ability and offer good packing characteristics in a wide range of moisture conditions.</td>
</tr>
<tr>
<td></td>
<td>Choice of 3” and 4” widths</td>
<td>Stone kickers standard</td>
</tr>
<tr>
<td>Pneumatic Wheel</td>
<td>(20½” in diameter)</td>
<td>Adjust pneumatic packers to match seeding conditions. Best option for seeding in wet conditions.</td>
</tr>
<tr>
<td></td>
<td>5½” width</td>
<td>Tire pressure can be adjusted from 6 to 45 psi.</td>
</tr>
<tr>
<td></td>
<td>4-ply tubeless tire is installed with tire sealant</td>
<td>Tire stem is protected from damage in the field.</td>
</tr>
</tbody>
</table>

Additional BENEFITS AND OPTIONS

**Great Flotation**

Large caster wheels minimize the ground pressure resulting in low compaction, very good transport handling ability, as well as adequate flotation in wet conditions.

**Add MRBs for Guaranteed Seed to Fertilizer Separation**

Optimally placed on the front row to cut through residue, the hydraulically actuated MRB-III nitrogen and sulfur applicators create optimal seed to fertilizer proximity for nutrient uptake.

**Achieve a Consistent Seedbed With Precise Levelling**

The 5810’s easy-to-access levelling adjustments lets you accurately level your entire 5810 using one standardized procedure getting you into the field faster. Adjustment wrenches are provided. Detailed instructions are located near the point of adjustment.

**Robust Design & Construction Guarantees Uniform Soil Penetration**

The 5810 frame features strong 4” x 4” ranks sandwiched between continuous members running on both the top and bottom of the full depth of the frame. This ensures that the drill’s weight and working force is transferred efficiently guaranteeing uniform soil penetration.

When time is of the essence, being able to set your seed depth quickly and accurately is a high priority. The 5810 AHD allows you to achieve optimal seed depth in minutes with the Quick Shift Depth Control system. Set, check, and adjust your seed depth in minutes!
## 5810 Air Hoe Drill
### SPECIFICATIONS

<table>
<thead>
<tr>
<th>MODEL</th>
<th>5810-32</th>
<th>5810-42</th>
<th>5810-52</th>
<th>5810-62</th>
<th>5810-72</th>
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<td>5</td>
<td>5 op./7 trans.</td>
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</tr>
<tr>
<td>Without MRB</td>
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<td>4</td>
<td>4</td>
<td>4</td>
<td>5</td>
</tr>
<tr>
<td>With MRB</td>
<td>3</td>
<td>3</td>
<td>3</td>
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<td>4</td>
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<tr>
<td>Working Widths</td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>9.8” Spacing</td>
<td>32’8”</td>
<td>42’6”</td>
<td>52’3”</td>
<td>62’1”</td>
<td>71’10”</td>
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<tr>
<td>12.6” Spacing</td>
<td>33’7”</td>
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<td>54’7”</td>
<td>63’0”</td>
<td>73’6”</td>
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<td>23’8”</td>
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<td>Transport Height (max)</td>
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<td>32,000</td>
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<td>Tires</td>
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<td>Main Frame Casters</td>
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<td>13.5L x 15FI</td>
<td>13.5L x 15FI</td>
<td>16.5L x 16.1FI</td>
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<td>13.5L x 15FI</td>
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<tr>
<td>Outer Wing Casters (double)</td>
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<td>Rear Transport Wheels</td>
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<td>13.5L x 15FI</td>
<td>13.5L x 15FI</td>
<td>13.5L x 15FI</td>
<td>13.5L x 15FI</td>
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<td>GENERAL SPECIFICATIONS</td>
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<tr>
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<tr>
<td>Openers</td>
<td>Quick-Change adapters optional—refer to BTT for optional openers</td>
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<tr>
<td>Seed Boots</td>
<td>Standard or wide spread seed boot available</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Air Kits</td>
<td>Single-shoot &amp; double-shoot</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Blockage Monitors</td>
<td>Optical blockage monitors available for secondary and tertiary air lines.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wing Casters</td>
<td>Dual rigid (all sizes except 72’), or dual walking (all sizes)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Trip Assemblies</td>
<td>330 lb</td>
<td>450 lb</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1” x 2” shank</td>
<td>1½” x 2” tapered to 1” x 2”</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>at the opener attachment location</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MRB®</td>
<td>Optional on 12.6” &amp; 9.8” spacings with NH3, dry, or liquid fertilizer tubes</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MRSIII</td>
<td>Optional MRSIII (Hydraulic Mid Row Shank) available on 12.6” spacing</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
DELIVERING OPTIMAL SEED TO FERTILIZER PLACEMENT
Mid Row Bander® Fertilizer Applicators

Your experience tells you that as weather patterns change and moisture becomes a rare commodity during seeding, having the right seeding practice is more crucial than ever to get your crops off to the best start possible. In addition to achieving consistent seed and fertilizer placement, there is the added challenge of avoiding the elevated risk of the fertilizer damaging the seed and preserving precious soil moisture.

- Position the bulk of the nitrogen and sulfur fertilizer at the optimal position to establish a root dominant environment,
- Preserve existing soil moisture by using low disturbance coulter applicators and narrow seed openers to maintain seedbed integrity,
- Prosper by optimizing germination and emergence, especially in dry conditions - the first and most important step towards a profitable harvest.

The success of applying the bulk of the mobile nutrients between every other seed row has only grown as new crop varieties demonstrate greater yields with higher fertilizer rates. The seeds are encased in the seedbed with the ground moisture and starter fertilizer, an ideal environment to germinate and emerge. As roots begin to develop, the sensitive root hairs will sense the presence of beneficial nitrate emanating from the mid row band, encouraging further root growth towards the nutrient source. The expanding root structure also provides greater access to moisture and other soil nutrients, giving it the best foundation to meet an extended dry period and other challenges during the season.

Bourgault Mid Row Bander® Fertilizer Applicators have been helping farmers meet these challenges for over 20 years. Confidence in the approach is evident with many producers on their 2nd and 3rd generation Bourgault seeding system with the MRB® Fertilizer Applicator option. In fact, over 80% of Bourgault seeding systems are sold with the Mid Row Bander® option.

With general weather patterns indicating drier spring seeding conditions in the future, it is more important than ever to consider Bourgault Mid Row Bander® Fertilizer Applicators as part of your seeding system.
Mid Row Bander Fertilizer Applicators are designed, tested and built to the level of quality and user-friendliness that is the hallmark of Bourgault equipment.

**INGENUITY**

1. **Parallel Link Arrangement** - the MRB® body is mounted on parallel arms for a consistent disk attack angle and seed boot/liquid tube orientation regardless of its operating depth.

2. **Hydraulic Actuation** - MRB®IIIs are raised and lowered hydraulically. This feature makes the MRB®III convenient to lock up when not in use.

**SIMPLECTY**

3. **Simple & Easy Depth Adjustment** - shims on the hydraulic cylinder are used for setting the depth (one ¼” shim = ½” depth). Extra shims are stored on the top mounting pin for convenient access.

**DURABILITY**

4. **Long Wearing Coulter (Niaux 200 Disks)** - the large 20-½” diameter single bevel boron steel coulter is set at a 4.5° angle to open the soil just enough to deposit the fertilizer. Boron steel disks provide excellent wear (20% increase in wear life over a standard coulter) and flexing characteristics.

5. **Double-Tapered Roller Bearing Hub** - expect a long service life with the high capacity hub and spindle assembly. A triple-lip seal protects the hub bearing and allows you to over-grease without seal damage. The bolt-on hub and spindle can be quickly removed for exchange or service.
**MRS III Fertilizer Applicator (option)**

**MID ROW SHANK III**

The hydraulically activated Mid Row Shank III provides a viable option for producers who want to achieve optimal fertilizer placement with a simplified design.

The MRS III is available on 3320 PHDs with 10’ & 12’ spacing and 5810 AHDs with 12.6’ spacing.

**MRS III and 3320 XTC PHD POWER ADJUST OPTION**

The XTC Power Adjust™ option provides operators the convenience of quick depth adjustment for the mid row shanks on XTC drills. By combining the proven features of both the XTC opener and QDA frame height adjustment, owners can adjust the MRS operating depth in minutes.

The Momentary Isolation Switch is an optional feature on 3320 PHDs equipped with MRBs, and standard on 3320 PHDs equipped with the MRS III. See page 15 for further details on the Momentary Isolation Switch.


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The outside closer tine ① is designed to clean the outside of the coulter allowing it to cut a clean groove in the soil. The closer tine holds some residue against the disk to help keep it clean. If you require less soil disturbance, the retaining wheel ② utilizes a torsion spring to provide downforce running alongside the disk, keeping it clean while holding down the soil adjacent to the groove made by the coulter.

**6 Strong & Durable Cast Components** - the MRB™ III operates in the most challenging agricultural environments without breaking or bending. Well designed castings are machined to exact specifications.

**7 Floating Carbide Scraper** - the floating inside scraper can be adjusted to ensure a good furrow is maintained and the coulter stays clean in a wide range of seeding conditions. The carbide edge will provide long service, even in abrasive soils.

**8 1” Diameter Needle Bearings** - because durability is a priority, the MRB™ arm pivots on 1” diameter needle bearings with a 250 hour service interval.

**9 Scraper Position Adjustment** - the position of the scraper relative to the edge of the disk can be adjusted in fine 1/8” increments to ensure optimal operation even as the disk wears.

**10 Scraper Pressure Adjustment** - the pressure of the carbide scraper on the disk can be easily set to match soil conditions for optimal results.
7000 Series Air Seeders deliver maximum product flexibility and increased convenience resulting in extreme productivity.

Available in sizes up to 1340 bushels (when the optional 40 bu Saddle Tank is included), 7000 Series air seeders provide industry-leading capabilities. Capabilities such as: the KNEX™ Integral Tank System which provides unsurpassed flexibility allowing you to combine tanks as required; the Dual Auto Section Control option that works in conjunction with the Topcon X35 Apollo system allows you to effectively manage product distribution by virtually eliminating input overlap resulting in input cost savings; and the optional BulkBoom™ product transfer system and storage platform that make light of the heavy transfer and storage of bulk product.
Bourgault Air Seeders
EXTREME SIZE. EXTREME RANGE OF SIZES.
Available in both Tow Behind and Leading Models.

### 7700 AIR SEEDER
- Total Volume (bu): 740 bu w/ Saddle Tank
- Tank 1: 295
- Tank 2: 60
- Tank 3: 105

### L7550 AIR SEEDER
- Total Volume (bu): 570 bu w/ Saddle Tank
- Tank 1: 85
- Tank 2: 235
- Tank 3: 175

### 7550 AIR SEEDER
- Total Volume (bu): 570 bu w/ Saddle Tank
- Tank 1: 85
- Tank 2: 235
- Tank 3: 175
- Tank 4: 20

Optional Saddle Tank:
- Tank 1: 85
- Tank 2: 235
- Tank 3: 55
- Tank 4: 20
Industry Exclusive
INTEGRAL TANK DESIGN

The KNEX integral tank system allows you to optimize your tank capacity resulting in added convenience and time saved in the field.

HOW IT WORKS

The KNEX system allows all four main tanks to meter individually, or, several tanks can be combined to meter as one. A non-metering, FLEX bin further increases your ability to optimize distribution. Combine the contents of the FLEX bin or divert its contents in only a matter of minutes!

(FLEX Bin not available on L7550 and 7550 air seeders.)

Below are a few examples of common configurations:

<table>
<thead>
<tr>
<th>7700 Model</th>
<th>EXAMPLE 1</th>
<th>7950 Model</th>
<th>EXAMPLE 2</th>
<th>71300 Model</th>
<th>EXAMPLE 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canola</td>
<td>Tank 5 (opt.)</td>
<td>40 bu</td>
<td>5 lb/ac</td>
<td>400 ac</td>
<td>Canola</td>
</tr>
<tr>
<td>Urea</td>
<td>Tank 1 + FLEX bin</td>
<td>355 bu</td>
<td>140 lb/ac</td>
<td>151 ac</td>
<td>Urea</td>
</tr>
<tr>
<td>Phosphate</td>
<td>Tank 2 &amp; 3</td>
<td>135 bu</td>
<td>50 lb/ac</td>
<td>198 ac</td>
<td>Phosphate</td>
</tr>
<tr>
<td>Sulfur</td>
<td>Tank 4</td>
<td>210 bu</td>
<td>80 lb/ac</td>
<td>186 ac</td>
<td>Sulfur</td>
</tr>
</tbody>
</table>

Wheat Tank 4  275 bu  1-½ bu/ac  183 ac
Urea Tank 1 + FLEX bin  500 bu  140 lb/ac  213 ac
Phosphate Tank 2 & 3  175 bu  50 lb/ac  257 ac
Sulfur Tank 4  375 bu  80 lb/ac  332 ac
The 7000 Series air seeders incorporate a hydraulic metering system capable of driving up to 5 metering augers. The hydraulic drive motors provide near instant rate changes maximizing the benefits of a variable rate seeding operation.

The on-tank control box allows you to charge the PDM metering auger and begin the calibration process without going back to the tractor cab reducing the number of steps you’ll have to take to complete the process.

DID YOU KNOW that the PDM Pro auger meters to an amazingly low 6 cups of product allowing you to efficiently seed expensive crops such as canola! When switching products, simply remove the sump plate on the PDM Pro to direct content into the unload auger/conveyor or conveniently back into the bag it came from.

To combat the issue of freshly treated seed or fertilizer sticking in humid conditions, the PDM Pro features a UHMW liner and orifice that minimizes even these troublesome products from sticking to the inside of the housing.

EVENSTREAM PRIMARY (ESP) DISTRIBUTION SYSTEM

To meet the demands of highly productive Bourgault seeding systems that are applying higher and higher product rates, the ESP distribution system provides outstanding improvements in distribution accuracy, particularly on the double-shoot or MRB fertilizer air streams. With ESP distribution the deviation in distribution uniformity can be cut in half when applying very high rates of Urea fertilizer. Designed with the assistance of advanced computer aided design software and hundreds of physical research tests, the ESP distribution system is focused on output and accuracy requirements, including Variable Rate applications.

The EvenStream distribution system keeps the Bourgault Class A metering system and all of its benefits in the forefront as compared to Class B metering, with multi-dump roller systems found on competitive units.
Large Tires For INCREASED FLOTATION

7000 Series air seeders have been designed to include large, appropriately sized tires that ensure ground compaction is minimized. The expansive tire footprint is achieved through the combination of both the large diameter tires, as well as extremely low overall inflation pressures ensuring that germination is not impeded.

See page 63 for information on 7000 Series air pressures.

Track Option EXTRA FLOTATION

For those individuals with seeding conditions that require additional flotation, Bourgault now offers a track option. Camoplast, a leading designer and manufacturer of heavy-duty industrial and agricultural based track systems collaborated with Bourgault to develop a durable track solution for the Bourgault 7950, L7800 and 7700 air seeders. The Camoplast track design focuses on durability and reduced maintenance by incorporating robustly designed components including large bearings and cast components. Maintenance is reduced through the incorporation of an oil bath system vs greasing. The patented, double oscillating bogie wheel is a key design element found on the Camoplast track system. The double oscillating bogie wheel conforms to rough and uneven terrain, as a result, compaction spikes are mitigated, as compared to other track systems.

Please note that Bourgault Camoplast tracks are specifically designed to maintain the ground clearance necessary for tank cleanout. Clearance can become compromised with non-Bourgault tracks. For additional track specifications see: www.bourgault.com.
Today's larger seeding systems require a large volume of air for accurate and consistent product rates. Bourgault utilizes a two fan product delivery system for double-shoot air kits to maximize efficiency, simplify settings and to minimize any plugging problems.

Bourgault has 4 fan options to match your drill width, target application rates and tractor capacity:

1. **The Regular Fan** provides ample air flow for operators who are looking to apply standard rates at typical seeding speeds. The standard fan runs up to a maximum of 5000 rpm.

2. **The High Speed Fan** is equipped with a hydraulic motor which provides up to 6000 rpm rotor speeds to boost application rates (up to 18 gpm req.).

3. **The High Capacity Fan** has a wider fan rotor and a hydraulic motor and is recommended for high rates and units up to 70' wide (up to 26 gpm req.).

4. **The High Pressure Fan** is recommended for the 3420 ParaLink™ Hoe Drill, 3320-86 PHD on 10’ & 12’ spacing and the 3720-70 ICD on 10’ spacing. The high pressure fan is equipped with a redesigned rotor and equipped with a hydraulic motor.

**(Note: The Regular Fan is not offered on 7000 Series Air Seeders.**

**In-tank Cameras & LED Lighting**

7000 Series Air Seeders come standard equipped with a stand-alone camera system and a 7” (18 cm) LCD screen. Each tank compartment is equipped with a separate camera to monitor product levels and a rear view camera which allows you to watch for approaching vehicles when transporting from field to field.

LED lights are located on both the outside and inside of the tank. Adding lighting inside the tanks improves the overall image quality and provides vivid color, allowing product levels to be more easily distinguished in the tanks. Retrofit kits are available through local Bourgault dealer locations. Seven LED exterior tank lights allow for greater visibility when working at night.

**SADDLE TANK & MINI-BULK STORAGE PLATFORM**

Further your product carrying capacity and increase distribution flexibility with the optional 5th tank (the Saddle Tank). The Saddle Tank™ makes seeding bagged product such as canola or granular inoculant as easy as possible. The capacity of the Saddle Tank™ is 40 bushels for the 7700, L7800, 7950 and the 71300 and 20 bushels for the 7550 and 7750 air seeders.

To minimize the time and effort it takes to collect bagged product from your truck, Bourgault has developed a mini-bulk storage platform (mini-bulk storage not available on 7550/L7750). This feature again increases efficiency and elevates convenience when time really counts!
Self Applying Surge Brake System

SAFETY & CONTROL.

Detecting when it is time to apply the air seeder brakes can sometimes be difficult. It can also be a considerable challenge to manually perform all of the necessary actions of turning a seeding system around on a downward slope while properly applying the braking system. The self-applying Surge Brake System makes a significant improvement in this regard, as braking will be applied automatically as the air seeder hitch load changes from tension to compression. Test operators have provided very positive feedback regarding braking performance, even when seeding on very steep hills. Surge brakes apply when needed without operator input. This greatly reduces the potential of implement damage as well as stress on the operator.

Optional on 7700 and standard on 71300 & 7950 air seeders (wheeled units only - no tracks).
6. **Class A STRAIGHT-THRU PRIMARY LINE**

The Straight-Thru Primary Distribution design makes it easy for you to configure the Bourgault air seeder to match your needs for the given crop.

*Bourgault Air Seeders can be outfitted for:*

*Single-Shoot*—one primary distribution line is used for supplying the boots on the shanks with one or a combination of products. Single-shoot is typically used in a situation where high levels of nitrogen fertilizer are pre-applied. If mixing seed and fertilizer, a spread boot may be required to help reduce the danger of fertilizer damage.

*Double-Shoot*—two sets of primary distribution lines are used, one feeding seed shanks and one feeding a fertilizer application device such as MRBs. It is important to have a dedicated fan for each line in order to have proper air speed control.

7. **Load QUICKLY AND EFFECTIVELY**

The 71300 air seeder is available with a 12” diameter conveyor with a 20” belt. The 7950 and 7700 air seeders are available with either a 10” diameter conveyor with a 15” belt, or a 12” diameter deluxe auger. Both the conveyor and auger are controlled by a remote control. (As a precautionary measure, a manual backup control is located on the tank.) The L7800 air seeder is available with the 12” diameter deluxe auger only; the 7550 and L7550 are available with the 10” diameter deluxe auger only.

---

*Product from any metering auger can be directed to either primary line.*

*7700 air seeder with auger option*
auto section control
/ asc (option)
ASC works in conjunction with the Topcon X35 Apollo system to effectively manage the over-distribution of seed and fertilizer inputs by significantly reducing input overlap.

**DUALASC**

How It Works.

Dual ASC provides the ability to control the overlap of your MRBs independently from your seed openers. Farmers can set the geometry and on/off timings individually, allowing even finer settings resulting in less overlap and increased savings. This feature also applies to NH₃ or liquid fertilizer application.

The Dual Auto Section Control option is available on all 7000 Series air seeders with Apollo systems.

Number of Sections: ASC is capable of controlling 6, 8, or 10 granular sections, depending on the drill size and spacing.

**Product flows through the primary elbow:**

- Product follows the radius of the elbow, therefore Clean Air (air without product), is available from inside of the elbow,
- Clean Air maintains the air flow when the product is stopped, maintaining a balanced distribution and purging the lines where the valves are closed.

**Seeding Position:**

- Cylinder is extended,
- Product flow open,

**Closed Position:**

- Cylinder retracted,
- Product flow closed,
- Clean air open, and maintaining set air velocity.
Seed the Headlands Last
with Headland Manager.

Seeding the headlands last is just a couple of button clicks away with a 7000 Series Bourgault air seeder.

A predefined field boundary can be used or simply seed the outer headland first to create a field boundary.

To seed within the inner area only, the X35 Apollo system can be set to offset this boundary with the desired number of headland passes (i.e. 2 or 3).

There are two distinct advantages of seeding the headlands last with Headland Manager.

1/ Seeding the headlands last reduces over-compaction of the headlands from trucks and seeding systems to deliver the best emergence possible on the headlands. This is especially important during wet seeding conditions.

2/ Seeding the headlands last also eliminates openers from being dragged through the seeded area of the field.

Additional information on the X35 and Dual ASC is available on our website at: www.bourgault.com

Product Handling Options
for 7000 Series air seeders

**Convenient Bulk Bag Handling**

- The BulkBoom™ makes loading bulk bags of seed, fertilizer or inoculant both more convenient and efficient. The BulkBoom™ allows the Operator to fill the Saddle Tank with 1,000 lb minibulk or 2,000 lb bulk bags without having to worry about transporting a front end loader or forklift to the field.

- The BulkBoom™ is designed to lift up to 2,400 lb from the ground or a truck box, up to the Saddle Tank, or the tank top (compartment 3 on the 71300, 7950 & 7700, or compartment 2 on the L7800). The BulkBoom™ is not available on the 7550 or L7550 air seeders.

- The boom can also reach the storage platform which allows the farmer to carry an extra bulk bag between fills. With the BulkBoom’s dedicated remote control, the Operator can maneuver the BulkBoom™ from any location around the air seeder.

The BulkBoom™ option is available on Model 71300, 7950, 7700 and Leading 7800 air seeders. Retrofit kits for 2014 model year available - air seeder serial number required. The BulkBoom™ is not available on the L7550 or 7550.

**Saddle Tank FillChute™**

- The Saddle Tank FillChute™ option allows producers to use the air seeder auger or conveyor to fill the Saddle Tank. When not in use, the chute is conveniently stored in a holster on the side of the Saddle Tank. The FillChute™ is available on new 7550, L7550, 7700, L7800, 7950 and 71300 air seeders, or as an after-market kit for earlier models of the same designation.

**BagLift™**

- Bourgault also offers the optional BagLift™ system that allows you to hydraulically lift bagged product to the tank top eliminating the strain of having to haul bagged product up the stairs. The BagLift™ is operated with a remote control and has a lift capacity of 440 lb for the 7000 Series air seeders. (The BagLift option is not available on units with the Saddle Tank option. Check out the Bourgault website for restrictions and availability).
## 7000 Series air seeders

### SPECIFICATIONS

<table>
<thead>
<tr>
<th>MODEL</th>
<th>71300</th>
<th>7950</th>
<th>L7800</th>
<th>7700</th>
<th>L7550</th>
<th>7550</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total Tank Volume</strong> (bu)</td>
<td>1300 (1340 w/ Saddle Tank)</td>
<td>950 (990 w/ Saddle Tank)</td>
<td>800 (840 w/ Saddle Tank)</td>
<td>700 (740 w/ Saddle Tank)</td>
<td>550 (570 w/ Saddle Tank)</td>
<td>550 (570 w/ Saddle Tank)</td>
</tr>
<tr>
<td>Tank Volume (Tank 1)</td>
<td>560</td>
<td>410</td>
<td>210</td>
<td>295</td>
<td>85</td>
<td>85</td>
</tr>
<tr>
<td>Tank Volume (Tank 2)</td>
<td>125</td>
<td>90</td>
<td>50</td>
<td>60</td>
<td>175 (Tank 2)</td>
<td>235 (Tank 2)</td>
</tr>
<tr>
<td>Tank Volume (Non-Metering FLEX Bin)</td>
<td>165</td>
<td>120</td>
<td>120</td>
<td>105</td>
<td>55</td>
<td>55</td>
</tr>
<tr>
<td>Tank Volume (Tank 3)</td>
<td>75</td>
<td>55</td>
<td>75</td>
<td>30</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Tank Volume (Optional Saddle Tank)</td>
<td>375 (Tank 4)</td>
<td>275 (Tank 4)</td>
<td>345 (Tank 4)</td>
<td>210 (Tank 4)</td>
<td>235 (Tank 4)</td>
<td>175 (Tank 4)</td>
</tr>
<tr>
<td><strong>Overall Length</strong></td>
<td>55'2&quot;</td>
<td>44'9&quot;</td>
<td>39'5&quot;</td>
<td>44'9&quot;</td>
<td>36'0&quot;</td>
<td>40'0&quot;</td>
</tr>
<tr>
<td><strong>Transport Height</strong></td>
<td>Tires - 14'8&quot;</td>
<td>13'2&quot;</td>
<td>13'2&quot;</td>
<td>12'4&quot;</td>
<td>12'4&quot;</td>
<td>12'4&quot;</td>
</tr>
<tr>
<td><strong>Field Height</strong></td>
<td>Tires - 17'2&quot;</td>
<td>19'1&quot;</td>
<td>19'1&quot;</td>
<td>19'</td>
<td>19'</td>
<td>15'</td>
</tr>
<tr>
<td><strong>Overall Width</strong></td>
<td>21'3½&quot; (Duals)</td>
<td>21'1&quot; (Duals)</td>
<td>20'3&quot; (Duals)</td>
<td>14'3&quot; (Singles)</td>
<td>20'3&quot; (Duals)</td>
<td>14'5&quot; (Singles)</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>48,000 lb (Duals)</td>
<td>33,500 lb (Duals)</td>
<td>28,500 lb (Duals)</td>
<td>24,500 lb (Duals)</td>
<td>19,500 lb (Duals)</td>
<td>20,000 lb (Duals)</td>
</tr>
<tr>
<td><strong>Load/Unload</strong></td>
<td>20&quot; Belt Conveyor or 15&quot; Belt Conveyor</td>
<td>12&quot; Auger</td>
<td>12&quot; Auger</td>
<td>12&quot; Auger</td>
<td>10&quot; Auger</td>
<td>10&quot; Auger</td>
</tr>
<tr>
<td><strong>Scale</strong></td>
<td>Standard</td>
<td>Standard</td>
<td>Standard</td>
<td>Optional</td>
<td>Optional</td>
<td>Optional</td>
</tr>
<tr>
<td><strong>Brakes</strong></td>
<td>Surge Brake Standard w/ Tires</td>
<td>Surge Brake Standard w/ Tires</td>
<td>Standard (Non-Surge)</td>
<td>Surge Brake Optional w/ Tires Only</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td><strong>Front Hitch</strong></td>
<td>Category 5</td>
<td>Category 5</td>
<td>Category 4 or 5</td>
<td>Category 5</td>
<td>Category 4 or 5</td>
<td>Category 5</td>
</tr>
</tbody>
</table>

*All weights & transport dimensions are estimates & are subject to change.

Every effort has been made to ensure that the information is accurate/current at the time of production. For the latest product information check out our website at: [www.bourgault.com](http://www.bourgault.com)
**GENERAL SPECIFICATIONS**

- **Drive**: Hydraulic Drive (7" Straight-Thru Primary Line)
- **Seed Rate**: X35 Apollo System, or, ISO Apollo System
- **Controller Options**: Standard on all 7000 Series air seeders
- **Camera(s)**: Dual ASC
- **Bulk Boom**: Optional on 71300, 7950, L7800 & 7700 Series air seeders as a factory or after market option (not available on 7550 or L7550 models).

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**TIRE SIZES & PRESSURES**

<table>
<thead>
<tr>
<th>AIR SEEDER CAPACITY</th>
<th>TIRE SIZE</th>
<th>TIRE PRESSURE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1300 bu</strong></td>
<td>Front (Duals) IF710/70 R42</td>
<td>15 psi</td>
</tr>
<tr>
<td></td>
<td>Rear (Duals) IF850/75 R42</td>
<td>15 psi</td>
</tr>
<tr>
<td><strong>950 bu</strong></td>
<td>Front (Singles) 850/80 R38</td>
<td>15 psi</td>
</tr>
<tr>
<td></td>
<td>Front (Duals) 710/70 R42</td>
<td>12 psi</td>
</tr>
<tr>
<td></td>
<td>Rear (Duals) 850/80 R38</td>
<td>12 psi</td>
</tr>
<tr>
<td><strong>800 bu</strong> (Leading)</td>
<td>Rear (Duals) 850/80 R38</td>
<td>18 psi</td>
</tr>
<tr>
<td></td>
<td>Rear (Duals) IF850/75 R42</td>
<td>14 psi</td>
</tr>
<tr>
<td><strong>700 bu</strong></td>
<td>Front (Singles) 710/70 R42</td>
<td>17 psi</td>
</tr>
<tr>
<td></td>
<td>Front (Singles) 850/80 R38</td>
<td>12 psi</td>
</tr>
<tr>
<td></td>
<td>Front (Duals) 710/70 R42</td>
<td>12 psi</td>
</tr>
<tr>
<td></td>
<td>Rear (Singles) 850/80 R38</td>
<td>17 psi</td>
</tr>
<tr>
<td></td>
<td>Rear (Duals) 710/70 R42</td>
<td>12 psi</td>
</tr>
<tr>
<td></td>
<td>Rear (Duals) 850/80 R38</td>
<td>12 psi</td>
</tr>
<tr>
<td><strong>550 bu</strong></td>
<td>Front (Singles) 28L x 26</td>
<td>17 psi</td>
</tr>
<tr>
<td></td>
<td>Front (Singles) 710/60 R30</td>
<td>13 psi</td>
</tr>
<tr>
<td></td>
<td>Rear (Singles) 900/60 R32</td>
<td>24 psi</td>
</tr>
<tr>
<td></td>
<td>Rear (Duals) 650/75 R34</td>
<td>16 psi</td>
</tr>
<tr>
<td></td>
<td>Rear (Duals) 800/65 R32</td>
<td>12 psi</td>
</tr>
<tr>
<td><strong>550 bu</strong> (Leading)</td>
<td>Rear (Duals) 800/65 R32</td>
<td>16 psi</td>
</tr>
</tbody>
</table>
The Bourgault 6000 Series Air Seeder line provides tank flexibility, simple and accurate product metering and other design features that increase convenience and efficiency.

Other 6000 Series Air Seeder models include: L6550, L6455 and L6350, see models online.
The Bourgault KNEXTM integral tank design provides unprecedented flexibility to farmers. Simply open or close the inter-connect ports between the three or four tank compartments for quick and simple tank reconfiguration. Regardless of the product combination, you can make the most efficient use of the tank volume to minimize the number of fills.

When the tank is set to the required rates, you have the ability to direct it to the desired air kit. The Bourgault Class A Straight-Thru Primary System offers the flexibility to meter product from any tank into any primary line.

Bourgault air seeder's flexibility is unmatched in the market, saving time and headaches each and every time you change products while seeding.

### Industry Leading TANK FLEXIBILITY

The Bourgault KNEX integral tank design provides unprecedented flexibility to farmers. Simply open or close the inter-connect ports between the three or four tank compartments for quick and simple tank reconfiguration. Regardless of the product combination, you can make the most efficient use of the tank volume to minimize the number of fills.

When the tank is set to the required rates, you have the ability to direct it to the desired air kit. The Bourgault Class A Straight-Thru Primary System offers the flexibility to meter product from any tank into any primary line.

Bourgault air seeder's flexibility is unmatched in the market, saving time and headaches each and every time you change products while seeding.

### Accurate PRODUCT METERING

The PDM Pro metering system is the heart of 6000 Series Air Seeders. UHMW poly-metering augers are matched with machined UHMW poly lined orifices for accurate, consistent metering with low maintenance. The poly liner of the PDM Pro reduces the chances of sticky product build-up on the auger housing.

The PDM Pro auger draws product from a sump to ensure precise metering—even at low tank levels. The competitors' use of wide metering rolls may result in uneven product draw as product shifts or piles. The sump also allows for easy and complete tank clean out and metering auger inspection.

### Configuration Example Model 6450

<table>
<thead>
<tr>
<th>REQUIREMENT</th>
<th>CONFIG.</th>
<th>VOLUME SPLIT</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 Products</td>
<td>no diversion</td>
<td>31% - 3% - 14% - 52%</td>
</tr>
<tr>
<td>3 Products</td>
<td>2 into 1</td>
<td>34% - 14% - 52%</td>
</tr>
<tr>
<td>3 Products</td>
<td>3 into 4</td>
<td>31% - 3% - 66%</td>
</tr>
<tr>
<td>3 Products</td>
<td>3 into 2</td>
<td>31% - 17% - 52%</td>
</tr>
<tr>
<td>2 Products</td>
<td>2 into 1 &amp; 3 into 4</td>
<td>34% - 66%</td>
</tr>
<tr>
<td>2 Products</td>
<td>3 &amp; 2 into 1</td>
<td>48% - 52%</td>
</tr>
<tr>
<td>2 Products</td>
<td>2 &amp; 3 into 4</td>
<td>31% - 69%</td>
</tr>
<tr>
<td>1 Product</td>
<td>2 into 1 &amp; 3 into 4</td>
<td>100%</td>
</tr>
</tbody>
</table>

- **UMHW LINER**
- **UMHW METERING ORIFICE**
- **POLY-METERING AUGER**
- **PRODUCT SUMP**
Variable SPEED TRANSMISSION

Maintain precise metering rates with Bourgault’s variable speed transmission. The variable speed transmission is:

- a ground driven metering system,
- infinitely adjustable allowing you to lock in the exact rate,
- is protected by a self-resetting torque limiting clutch.

In case of electrical problems, the variable speed transmissions can easily be converted to manual adjustment to ensure no downtime.

Patented Hydraulic CALIBRATION SYSTEM

Obtain a product sample quickly and easily with the simple turn of a ball valve. The speed and ease of calibration allows you to obtain a larger sample for more accurate rate settings. Tune the speed of the hydraulic calibration drive to match seeding speed for enhanced precision.

In-Cab RATE ADJUST

The application rate can be adjusted for each metering auger at the push of a button from the tractor cab. An electric actuator mounted on each transmission remotely adjusts the rate setting when activated by the operator. A second control panel is located on the tank for convenient rate setting during calibration.

Quick and Easy TANK CLEANOUT

To clean out a Bourgault tank, simply remove the two bolts holding the sump plate and allow the product to neatly drop into the auger hopper.
Today’s larger seeding systems require a large volume of air for accurate and consistent product rates. Bourgault uses a two fan product delivery system for double-shoot air kits to maximize efficiency, simplify settings and to minimize any plugging problems.

If you are planning to apply high rates with larger drills, Bourgault has the High-Speed fan option. (Hydraulic Note: 3/4” hydraulic tractor couplers are recommended.)

Don’t strain yourself by lugging seed bags or calibration boxes up the tank stairs—simply hydraulically lift heavy bagged product to the top of the air seeder platform 250 lb capacity.

The 591 Air Seeder Monitor provides instantaneous feedback on air seeder operations including fan speed, application rate, bin levels, area seeded and ground speed.

Upgrade to a X35 Apollo system for up to 6 product variable rate control, section control for NH₃ or liquid and for applied mapping.

### Dual and High Speed FAN OPTIONS

### Optional BAG LIFT SYSTEM

### Reliable and Intuitive MONITORING SYSTEM

### MODEL

<table>
<thead>
<tr>
<th>MODEL</th>
<th>6550ST</th>
<th>L6550</th>
<th>6450</th>
<th>6350</th>
<th>L6350</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Tank Volume (bu)</td>
<td>550</td>
<td>455</td>
<td>450</td>
<td>350</td>
<td></td>
</tr>
<tr>
<td>#1 Tank Volume</td>
<td>170</td>
<td>160</td>
<td>145</td>
<td>140</td>
<td></td>
</tr>
<tr>
<td>#2 Tank Volume</td>
<td>15</td>
<td>65</td>
<td>15</td>
<td>70</td>
<td></td>
</tr>
<tr>
<td>#3 Tank Volume</td>
<td>75</td>
<td>230</td>
<td>60</td>
<td>140</td>
<td></td>
</tr>
<tr>
<td>#4 Tank Volume</td>
<td></td>
<td></td>
<td></td>
<td>230</td>
<td></td>
</tr>
<tr>
<td>Transport Height</td>
<td>12’5”</td>
<td>12’5”</td>
<td>12’5”</td>
<td>12’5”</td>
<td></td>
</tr>
<tr>
<td>Field Height (Top of Handrail)</td>
<td>15’0”</td>
<td>15’0”</td>
<td>15’0”</td>
<td>15’0”</td>
<td></td>
</tr>
<tr>
<td>Overall Width (Singles)</td>
<td>13’9”</td>
<td>13’9”</td>
<td>13’9”</td>
<td>13’9”</td>
<td></td>
</tr>
<tr>
<td>Front to Rear Axle (Tow Only)</td>
<td>15’6”</td>
<td>15’6”</td>
<td>15’6”</td>
<td></td>
<td>12’6”</td>
</tr>
</tbody>
</table>

*Based on dry barley @ 48 lb/bu

**All weights & transport dimensions are estimates & are subject to change. Every effort has been made to ensure that the information is accurate/current at the time of production. For the latest product information check out our website at: www.bourgault.com
## 6000 Series Air Seeders
### Specifications

<table>
<thead>
<tr>
<th>MODEL</th>
<th>6550ST L6550</th>
<th>L6455</th>
<th>6450</th>
<th>6350 L6350</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hitch Pin to Rear Tow Hitch Pin</td>
<td>32'7&quot;</td>
<td>-</td>
<td>32'7&quot;</td>
<td>29'10&quot;</td>
</tr>
<tr>
<td>Leading Units</td>
<td>30'2&quot;</td>
<td>30'2&quot;</td>
<td>27'3&quot;</td>
<td></td>
</tr>
<tr>
<td>Weight (lb) Estimates Only**</td>
<td>15,500</td>
<td>14,000</td>
<td>14,000</td>
<td>11,000</td>
</tr>
<tr>
<td>Max Hitch Load (lb) Leading</td>
<td>8,600</td>
<td>8,600</td>
<td>7,500</td>
<td></td>
</tr>
<tr>
<td>Front Tire Spacing</td>
<td>50'</td>
<td>-</td>
<td>50'</td>
<td>50'</td>
</tr>
<tr>
<td>Optional Row Crop Spacing</td>
<td>-</td>
<td>-</td>
<td>3 m</td>
<td>-</td>
</tr>
<tr>
<td>Rear (Single)</td>
<td>10'10&quot;</td>
<td>10'10&quot;</td>
<td>10'10&quot;</td>
<td>10'10&quot;</td>
</tr>
<tr>
<td>Rear (Duals)</td>
<td>150&quot;</td>
<td>150&quot;</td>
<td>150&quot;</td>
<td>150&quot;</td>
</tr>
<tr>
<td>Load/Unload Augers</td>
<td>10&quot; Dlx.</td>
<td>10&quot; Std./Dlx.</td>
<td>10&quot; Std./Dlx.</td>
<td>8&quot; Std.</td>
</tr>
<tr>
<td>Loading Rates</td>
<td>85 bu/min*</td>
<td>70/85 bu/min*</td>
<td>70/85 bu/min*</td>
<td>30 bu/min*</td>
</tr>
<tr>
<td>Tire Options</td>
<td>540/65R24 R1-W Lug</td>
<td>540/65R24 R1-W Lug</td>
<td>21.5 x 16.1 R3 Traction Lug</td>
<td>540/65R24 R1-W Lug</td>
</tr>
<tr>
<td>Rear Axle (Singles)</td>
<td>900/60R32 R1-W Lug (Tow Only)</td>
<td>30.5L x 32 R1 Lug</td>
<td>30.5L x 32 R1 Lug</td>
<td>28L x 26 R1 Lug</td>
</tr>
<tr>
<td>Rear Axle (Duals)</td>
<td>650/75R34 R1-W Lug</td>
<td>650/75R34 R1-W Lug</td>
<td>650/75R34 R1-W Lug</td>
<td>-</td>
</tr>
</tbody>
</table>

*Loading Rates: *85 bu/min* indicates 85 bu/min for single units and 70/85 bu/min for dual units. **Weight (lb) Estimates Only** indicates estimated weights for the seeders.
Achieve Unprecedented Control of Your Seeding Operation with the X35 Apollo system.

The X35 Apollo System with the Xtend feature is the most advanced control and monitoring system for your seeding system. Realize full rate control capabilities, accurate data management and time saving applications all on a large, full color screen.

The X35’s large 12.1” color touch-screen features a heads-up dashboard, customizable to view up to 8 air seeder functions with 3 viewable items per function.
**Mini-Views**
Smaller Mini-Views can be set along the side of the screen to display multiple air seeder functions without taking up excessive screen space. These views can be interchanged with the Primary View as required.

**Primary View**
A Primary View is set to the operator’s most critical function, but can be switched with ease by simply dragging and dropping views as desired.

**Mini-View Menu**
Producers can also create and save custom screens, saving time by providing convenient access to personal display preferences for particular seeding operations.

**Easily access each metering application by scrolling across the screen.**
The X35 Apollo system provides extreme functionality. Following are just a few examples from the extensive list of X35 capabilities:

**Xtend Feature**

The X35 brings Wi-Fi connectivity to Bourgault air seeders with its Xtend feature. With this capability, the X35 can connect to smart phone and tablet applications. A Wi-Fi dongle (provided) allows you to generate a local wireless hotspot that devices can be connected to. By downloading the Topcon Xtend app on to your device (tablet/smartphone) and connecting to this hotspot you are able to control certain functions on the X35 system. These functions include:

- When calibrating the tank, calibration weight results can be transferred into the X35 as they are taken at the air seeder,
- Weigh scale values can be transferred to the X35 as the tanks of the air seeder are being filled,
- Customers can connect remotely to the X35 to access information from their Bourgault seeding system operating in the field.
- You can also double the number of functions being displayed by connecting a tablet to the X35 console.
Variable Rate Control
VR Control of up to 6 products (fixed or variable) factory configurations of up to 5 granular products plus a 6th (liquid or anhydrous).

Dual Auto Section Control (ASC)
Using the coverage map, control individual sections of multiple products to minimize product application overlap (seed & fertilize independently).

Blocked Head Monitoring
Monitor up to 10 distribution manifolds on both seed and fertilizer runs.

Coverage Maps
Integrate a GPS signal and display and record coverage maps for multiple products, along with individual sections (granular and liquid/anhydrous).
Heads-Up Dashboard is customizable to view up to 8 air seeder functions with 3 viewable items per function.

The status of the Master Clutch is easily identified by color.

Heads-Up Dashboard

Master Clutch Status

The Tank Optimizer gives recommendations on unit setup based on products and rates in order to maximize acres per fill.

Tank Optimizer

The Tank Optimizer

Headland Manager provides operators the ability to eliminate dragging openers through seeded areas by seeding the headlands last. Working with an established field border, the producer enters in the number of headlands desired then proceeds to seed the inner section of the field. The X35 automatically shuts off metering as the drill enters the headland. When the inner area is complete, the farmer can finish the field by seeding the headlands. (See page 60 for further details on the Headland Manager.)

Headland Manager

Quick Start Feature

The Quick Start feature is designed to walk the operator through all of the necessary steps for proper seeder operation. This application will guide producers to save records of previously seeded fields, locate existing field boundaries if they exist, create new field boundaries, and helps create a job for the next field.

Quick Start Feature

Calibration Wizard

Calibration Wizard provides a logical step-by-step guide for completing a multi-tank calibration. The convenient tank-mounted switch box allows the operator to collect and weigh each sample prior to entering the information in the X35. A “charging” feature ensures that the metering augers are primed with product so an accurate sample is collected.

Calibration Wizard
Drill Control  LiftMaster™ (standard) automatically raises and lowers the openers. PackMaster™ (optional): maintains consistent packing force.

Remote Support Using a cellular phone Wi-Fi connection, have remote support available from your dealership – let them see what you see!

Master Clutch Control Using the coverage map, automatically start and stop the air seeder accurately to ensure product is at the openers only when needed (functional with or without ASC).

Multi-Tank Calibration Collect large samples, regardless of product rate, for accurate calibrations by having remote control of each meter back at the air seeder.

Job Export Record and manage your day-to-day seeding operations with detailed reporting functions.

Pre-Load Feature This is a useful feature that starts applying product for a set time prior to the seeder moving forward—this eliminates seeding misses (available on 7000 Series air seeders only).

Auto Steer Add required components to an “Auto Steer Ready” tractor and connect the X35 for complete steering control.

The X Apollo systems are comprehensive seeding operating systems. Detailed instructions and videos covering the set up and operation of the Apollo systems are available on the Bourgault website under: Customer Service or at BourgaultVideo Youtube Channel

Software updates available at: www.bourgault.com

The ISO Apollo system operates in accordance with the ISO 11783 standard so that farmers with tractors equipped with virtual terminals have the option to monitor, calibrate and perform basic rate control functionality without adding an additional screen in the tractor cab. The ISO implement harness required to connect the terminal to the air seeder system is typically present on newer models of most major brands of tractors.

- Operators have a full range of air seeder monitoring functions such as fan RPM, calculated metering rate, calculated product remaining and area applied. Critical alarms including bin level low, low case drain pressure and zero metering shaft RPMs are monitored.

- The ISO Apollo system supports Basic Metering Control for up to 4 metering augers, displaying calculated rate application and calculated remaining product. It also provides two preset rate options per product, as well as incremental rate adjustment, allowing the operator to “bump up” or “bump down” metering rates during seeding.

- A Product Settings Index stores data for up to 16 products on the system, including calibration factors. This can eliminate entering product and calibration data each time you change products.

- The Calibration feature provides an easy 4-step process to verify metering rates. Common keypad controls make product calibration a snap from either in the tractor cab or the air seeder tank.

- The ISO Apollo system is capable of displaying an optional Blockage Monitoring Package based on a single sensor per section.

It is important to note that the ISO Apollo system does not support Variable Rate Control (VRC), Auto Section Control (ASC), or 5 tank metering. Producers will require the X35 Apollo system for these and other advanced features. Owners can easily upgrade to the X35 Apollo system if required. The ISO Apollo and the X35 Apollo share the same air seeder and implement harnessing, so an upgrade typically requires just installing the X35 controller display and tractor harness.

Availability - the X35 Apollo system is standard on all 7000 Series air seeders and optional on 6000 Series air seeders. Contact your local Bourgault Dealer for more information and visit our website at: www.bourgault.com.
Unlike competitors systems that pulverize the soil, the Bourgault Soil Prep System is designed to mix residue through the worked soil prior to leveling & packing. A “wave” profile of unworked soil is left by the shank openers to provide additional support for seeding systems to maintain consistent seeding depth. This unique approach preserves some of last year's root structure and stubble, protecting the soil from erosion and young plants from wind damage.
The various tillage sections of the soil prep system can be individually set or even parked out of operation since conditions will change from year to year and from field to field. Farmers can configure the SPS to achieve the common goal of a firm seedbed suitable for independent seed openers.

The SPS360 Soil Prep System uses a combination of Cutting Coulters, Heavy-Duty Hydraulic Shanks, 3 or 4 Bar Mounted Harrows and Rolling Baskets to cut, incorporate and distribute heavy straw while also breaking up clumps and re-leveling and firming the soil.
1 **Cutting Coulter**

The notched 20" dia. straight coulters are mounted on a hydraulically actuated rockshaft, using cylinder shims to set the operational depth. The coulters are mounted in line with the shanks, but can be oriented to cut between the shank rows if required.

2 **Shank Openers**

Three rows of 12" spaced hydraulic shanks can be adjusted up to 1,000 lb. of trip force, and locked out completely if required. The SPS 360 are offered with 500 lb or 600 lb spring trips for moderate operating speeds or near stone-free conditions.

3 **Primary Finishing**

The mounted harrows level out the soil clumps and residue and can be set as aggressively as needed for the given conditions. The harrows can be manually parked up and out of operation if not required. Producers have a choice of 3-bar heavy-duty harrows equipped with ½" x 20" tines, or 4-bar standard harrows with 7⁄32" x 16" tines.

4 **Secondary Finishing**

The 14" diameter rolling baskets further break up lumps and firm the soil, leaving it ready for seeding, and are hydraulically controlled to set the downforce in the field or to park the baskets up if not required. Producers can also choose 3-bar heavy-duty harrows or 4-bar standard harrows for added harrowing finish.

Air kits for both 6000 and 7000 Series air seeders are available for granular fertilizer application. Third party application kits for liquid or NH₃ can also be installed.
Fields may be left with excessive straw and chaff lying on top of the soil, a challenge to prepare for next season’s seeding.

Compact disk units use curved disks set on an angle to flip the soil to effectively blackening the field and bury the residue. The soil has been completely worked, with residue hidden below the surface where it may catch on hoe openers during seeding.

True vertical tillage systems move very little soil, thus may struggle in heavy residue as the straw will hairpin in the cuts made by the implement, or wrap around shanks. As well, little soil movement means little management of surface residue or field ruts.

The residue is well incorporated through the worked soil prior to leveling & packing. The “wave” profile of unworked soil under the surface effectively supports the gauge wheel of the seeding unit. The SPS360 provides the additional feature of sizing residue ahead of the shanks.
# SPS360 Soil Prep Systems

## SPECIFICATIONS

<table>
<thead>
<tr>
<th>MODEL</th>
<th>SPS360-40</th>
<th>SPS360-50</th>
<th>General Specifications:</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. of Sections</td>
<td>3</td>
<td>3 op./5 trans</td>
<td><strong>Trip Assemblies</strong></td>
</tr>
<tr>
<td>Working Widths</td>
<td>40’</td>
<td>50’</td>
<td><strong>Hydraulic Trip</strong> variable breakout up to 1000 lb - 1½” x 2” shanks, 30° of frame to ground clearance, 12” of obstacle clearance</td>
</tr>
<tr>
<td>Frame Widths</td>
<td></td>
<td></td>
<td><strong>600 lb Spring Trip</strong> 1¾” x 2” shanks, 31½” of frame to ground clearance, 12” of obstacle clearance</td>
</tr>
<tr>
<td>Main Frame</td>
<td>17’4”</td>
<td>17’4”</td>
<td><strong>500 lb Spring Trip</strong> 1½” x 2” shanks, 30° of frame to ground clearance, 12” of obstacle clearance</td>
</tr>
<tr>
<td>Inner Wing</td>
<td>10’10”</td>
<td>7’10”</td>
<td><strong>Wheel Standards</strong> Rear walking tandem axles with tapered roller bearings</td>
</tr>
<tr>
<td>Outer Wing</td>
<td>-</td>
<td>8’0”</td>
<td>Front leg type caster wheels for easy tire removal</td>
</tr>
<tr>
<td>Transport Width (max)</td>
<td>24’8”</td>
<td>25’10”</td>
<td><strong>Safety Chain &amp; Lights</strong> Standard</td>
</tr>
<tr>
<td>Implements Raised (with Hydraulic Trips)</td>
<td>22’0”</td>
<td>23’3”</td>
<td><strong>Transport Locks</strong> Standard</td>
</tr>
<tr>
<td>Transport Height</td>
<td>16’6”</td>
<td>15’10”</td>
<td><strong>Row to Row Spacing</strong> 32” minimum</td>
</tr>
<tr>
<td>Frame Depth</td>
<td>14’10”</td>
<td>14’10”</td>
<td><strong>Cutting Coulters</strong> (SPS360 only) 20” diameter straight notched disks</td>
</tr>
<tr>
<td>Tires</td>
<td></td>
<td></td>
<td><strong>Harrow</strong> Optional 3 bar - ½” x 20” heavy-duty tines, or 4 bar - 7/16” x 16” standard tines</td>
</tr>
<tr>
<td>Main Frame</td>
<td>16.5L x 16.1FL (4)</td>
<td>16.5L x 16.1FL (4)</td>
<td><strong>Finishing System</strong> Cage style, 14” diameter rolling baskets with 8, 1” steel rods and hydraulic packing force control</td>
</tr>
<tr>
<td>Inner Wing</td>
<td>21.5L x 16.1</td>
<td>-</td>
<td><strong>Hydraulic System</strong> Master/slave, dual series</td>
</tr>
<tr>
<td>Outer Wing</td>
<td>-</td>
<td>21.5L x 16.1SL (4)</td>
<td>Hydraulic in-line filter</td>
</tr>
<tr>
<td>Main Frame Casters</td>
<td>21.5L x 16.1SL (2)</td>
<td>21.5L x 16.1SL (2)</td>
<td>Double line lock/pressure reducing valve</td>
</tr>
<tr>
<td>Inner Wing Casters</td>
<td>21.5L x 16.1SL (2)</td>
<td>-</td>
<td>Slide action, single-point quick shift depth control</td>
</tr>
<tr>
<td>Outer Wing Casters</td>
<td>-</td>
<td>21.5L x 16.1SL (2)</td>
<td><strong>Shank Spacing</strong> 12” shank spacing with 36” min between adjacent shanks and 32” between frame rows</td>
</tr>
<tr>
<td>Weight</td>
<td></td>
<td></td>
<td><strong>Front to Back Leveling</strong> A-frame leveling screws, 14½” between the caster wheels &amp; walking axle pivot</td>
</tr>
<tr>
<td>SPS360 Complete Unit</td>
<td>40,000 lb</td>
<td>47,000 lb</td>
<td><strong>Hitches</strong> Two pull point hitch, Optional rear tow hitch</td>
</tr>
</tbody>
</table>

All weights & transport dimensions are estimates & are subject to change.

Every effort has been made to ensure that the information is accurate/current at the time of production.

For the latest product information check out our website at: www.bourgault.com
8910 Cultivator
VERSATILITY:
SEEDING AND TILLAGE

No other seeding system can be set up for tillage, then reconfigured into an effective direct seeding system. The clean and simple floating hitch design, durable construction and superior residue flow have made this tool bar a mainstay throughout the small grain regions of North America, especially in areas that are prone to wet seeding conditions.
The 8910 frame features five ranks of 4" x 4" x 250" wall tubing. These are connected with continuous members above and below the ranks, creating a deep profile for high strength and many years of trouble-free operation. Forces are transferred effectively throughout the frame to ensure uniform soil penetration and consistent seed placement, even in tough soils.

Outstanding DURABILITY

Configure your Bourgault 10" spaced 8910 into the 8910 Culti-Drill. Equip with your choice of mounted packer wheel options, low-disturbance seed openers, and optional Series 25 Mid Row Banders for an effective one-pass seeding system. You have the ability to adjust the packing pressure of the on-row mounted packer wheels with the Titan arms to suit the seeding conditions. The Culti-Drill configuration can be equipped with heavy-duty packers that can be adjusted from 40 lb to 90 lb per wheel.

Configure Your 8910 FOR DIRECT SEEDING

The Bourgault Spring Trip Assembly features a 1" diameter grade 8 pivot bolt and an extremely durable greaseless nylon bushing. The simple and durable design provides years of service with low maintenance. Not only are Bourgault spring trip assemblies more durable than the competition, you will appreciate the low cost of parts when maintenance is required.

Resilient TRIP ASSEMBLY PIVOT
The Bourgault Spring Trip Assembly is designed for a wide operational range. Mount narrow knives for a smooth, high quality seedbed, or sweeps for cultivation and weed kill. Choose from a wide variety of bolt-on or quick-change seed knives, spoon openers, vertical openers and spread tip openers.

Superior RUNNING GEAR DESIGN

The 8910 Cultivator incorporates walking in-frame running gear that is slightly biased to the back wheel. The front wheel will not have a tendency to “dip down” in wetter conditions, minimizing your chances of getting stuck.

Research has proven that the ability to follow field contours is primarily related to frame depth and wheel positioning. The in-frame running gear also minimizes the distance to the front caster wheels, so you can achieve consistent seed depth in hilly conditions.

Quick Set DEPTH CONTROL

The Quick Shift Depth Control makes single point depth control effective and easy. Simply slide the guide along the scale to the appropriate depth and lock. Set, check, and adjust your seeding depth in minutes!
The 8910 Cultivator provides excellent residue clearance with five rows of shanks. Special attention is given to clearance around the in-frame wheels of the implement, where plugging is typically most prevalent.

Excellent RESIDUE CLEARANCE

A precision line lock valve helps ensure that working depth never changes during operation. Bourgault's valve ensures any hydraulic leaks at the tractor are isolated from the cultivator.

Precise DEPTH CONTROL

Levelling locations are easily accessed. Wrenches are provided for side-to-side adjustment at the top of the depth control cylinders and front-to-back adjustment at the screw jack between the in-frame running gear and caster wheel.

Level WITH EASE

Bourgault tillage units feature a high quality single-series depth control system and quality hydraulic components for accurate and consistent depth control and long service life. Bourgault tillage units are designed with a single-series master-slave system to control the operating depth. This approach avoids the use of complex linkage systems that wear and stretch, dramatically affecting the depth control.

Dependable HYDRAULIC SYSTEM
## 8910 Cultivator Specifications

<table>
<thead>
<tr>
<th>MODELS</th>
<th>8910-30</th>
<th>8910-35</th>
<th>8910-48</th>
<th>8910-54</th>
<th>8910-70</th>
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<tbody>
<tr>
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<td>3</td>
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<td>588&quot;, 600&quot;</td>
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<td><strong>Maximum</strong></td>
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<td>167&quot;</td>
<td>144&quot;</td>
<td>177&quot;</td>
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<td><strong>Transport Height</strong></td>
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<td></td>
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<td><strong>Weights (lb) estimates only</strong> (Base unit configured with 450 lb double spring trips.)</td>
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<td></td>
</tr>
<tr>
<td>8&quot; spacing</td>
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<td>13,100</td>
<td>18,900</td>
<td>21,200</td>
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</tr>
<tr>
<td>10&quot; spacing</td>
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<td>12,200</td>
<td>17,900</td>
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<td>22,300</td>
</tr>
<tr>
<td>12&quot; spacing</td>
<td>10,600</td>
<td>11,800</td>
<td>17,000</td>
<td>18,700</td>
<td>21,300</td>
</tr>
</tbody>
</table>

*Maximum height will vary with the type of openers/sweeps on shanks*

| **Tires** | | | | | |
| Main Frame | 11Lx15FI (4) | 11Lx15FI (4) | 12.5Lx15FI (4) | 12.5Lx15FI (4) | 12.5Lx15FI (4) |
| Inner Wing | 11Lx15FI (4) | 11Lx15FI (4) | 11Lx15FI (4) | 11Lx15FI (4) | 11Lx15FI (4) |
| Outer Wing | - | - | 11Lx15FI (4) | 11Lx15FI (4) | 11Lx15FI (4) |
| Main Frame Casters | 11Lx15FI (2) | 11Lx15FI (2) | 11Lx15FI (2) | 11Lx15FI (2) | 11Lx15FI (2) |
| Inner Wing Casters | 11Lx15FI (2) | 11Lx15FI (2) | 11Lx15FI (2) | 11Lx15FI (2) | 11Lx15FI (2) |
| Outer Wing Casters | - | - | 11Lx15FI (2) | 11Lx15FI (2) | 11Lx15FI (2) |

*All weights and transport dimensions are estimates and are subject to change. Every effort has been made to ensure that the information is accurate/current at the time of production.*

*For the latest product information check out our website at: www.bourgault.com*

**Note:** 8910s are only compatible with 6000 Series air seeders only.
9500 Floating Hitch Chisel Plow (FHCP)
The 9500 FHCP is designed from the ground up for enhanced durability, improved flotation and better stability.

The 9500 is compatible with high horsepower tractors and Bourgault’s newest and largest air seeders. Bourgault tillage is renowned for its performance, durability and low maintenance. The 9500 carries on the tradition bringing forward excellent trash clearance and soil penetration, patented series hydraulics, excellent field contouring, a robust frame and protected wear points. Of course the bullet-proof Bourgault spring trip assembly is at the heart of this sturdy unit.
The four row frame design takes durability to the next level with a new frame design that “triangulates” the frame into heavy front to back beam members to reduce stress, along with a rear tow hitch that solidly ties into the main beams allowing large air seeders or fertilizer carts to be towed. Main frame caster wheels are activated with a depth control cylinder (not a linkage) for reduced frame stress. Parallel arms on the mainframe walking axle allow the walking axle to rotate the ideal amount when the frame raised up or lowered into the working position. This prevents undue stress and failure from the walking axle bottoming in transport or over rotation and “dumping” in when cultivating. The parallel arms also greatly reduce running gear twist and deflection that can be introduced by rough country roads.

The walking axes have a greater front to back distance for improved walking characteristics. The main frame is supported with larger 380/55R16.5 tires on the walking axes and dual 13.5Lx15 caster wheel tires. On the wing sections larger 13.5Lx15 tires are used in all locations, this provides the 9500 with 75% more floatation, significantly improving the depth control and pulling ease in soft wet soils.

To strike a balance between stability in transport and contourability in the field, the mainframe of the 9500 is deeper to locate walking axes and 4th row 32” farther back than on the wings. This greatly improved the stability of the 9500 in transport by placing more weight on the caster wheels allowing the 9500 to have large air seeder or carts in tow.

Enhanced DURABILITY

Improved FLOTATION

Better STABILITY

9500 Floating Hitch Chisel Plow SPECIFICATIONS

<table>
<thead>
<tr>
<th>MODEL</th>
<th>9500-70</th>
<th>9500-60</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. of Sections</td>
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<td>5</td>
</tr>
<tr>
<td>Working Widths</td>
<td>70’, 66’</td>
<td>60’, 56’</td>
</tr>
<tr>
<td>Frame Widths</td>
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<tr>
<td>Main Frame</td>
<td>17’3”</td>
<td>17’3”</td>
</tr>
<tr>
<td>Inner Wing</td>
<td>13’10”</td>
<td>10’11”</td>
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<tr>
<td>Outer Wing</td>
<td>12’4”, 10’3”</td>
<td>10’4”, 8’7”</td>
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<tr>
<td>Transport Width (max)</td>
<td>24’2”</td>
<td>24’8”</td>
</tr>
<tr>
<td>Transport Height</td>
<td>18’10”</td>
<td>17’0”</td>
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<tr>
<td>Frame Depth (max)</td>
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<td>11’8”</td>
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<tr>
<td>Weights (Base Unit)</td>
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<tr>
<td>500 lb trips</td>
<td>70’ - 31600 lb</td>
<td>60’ - 28900 lb</td>
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<tr>
<td></td>
<td>66’ - 31000 lb</td>
<td>56’ - 28300 lb</td>
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<tr>
<td>600 lb trips</td>
<td>70’ - 34000 lb</td>
<td>60’ - 31000 lb</td>
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<tr>
<td></td>
<td>66’ - 33400 lb</td>
<td>56’ - 30400 lb</td>
</tr>
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</table>

Visit: www.bourgault.com for additional specifications on the 9500 FHCP.

An optional Hydraulic Trip Assembly is available on the 9500 FHCP. The hydraulic trip is ideal for extremely rocky fields, hard dry soils and higher speed tillage operations. It can also be used to reduce the transport height by 10” and transport width by 20” for navigation through tight quarters. Visit: www.bourgault.com to find out more.
### Tillage Options for Bourgault 8910 Cultivators and 9500 FHCPs.

#### The Titan Quick Detach Arm

Bourgault Titan Quick-Detach Arms are designed for quick and easy attachment, or interchange of mounted harrows and packers to accomplish various operations with the same unit. You can manually adjust the downforce on each arm and the two-stage spring arrangement ensures the set downforce remains constant regardless of the mounted option.

#### Mounted Tine Harrows

Mounted tine harrows allow you to break lumps and/or lightly seal the seedbed in a seeding operation. Five different tine settings allow you to set the angle to match your operation and conditions.

- **Four Bar Harrows** feature 7/16” x 16” long tines on a 2” overall spacing.
- **Three Bar Heavy-Duty Harrows** provide ½” x 20” long tines on a 2 7/8” overall spacing.

*Note: Three bar heavy-duty harrows, four bar harrows, & mounted packers can be interchanged.*

#### Gang-Style Poly Mounted Packers

Gang style poly-packers are ideal for 8910 or 9500 seeding systems where moderate packing is required for breaking soil lumps and sealing the seedbed. The 20” diameter durable polyethylene packers are mounted on a 1” shaft and heavy-duty pillow block bearings.

#### Independent Poly Mounted Packers

Independent poly-packers provide even packing behind your 8910 Cultivator or 9500 Chisel Plow. Each wheel is mounted on a gang with its own spring cushion and sealed ball bearings. Independent movement on each wheel ensures more uniform packing for a more consistent crop emergence.

#### Heavy-Duty Mounted Packers

Achieve near drill-like packing results with your 10” spaced 8910 seeding system. The 22” diameter packers are available in 2 ¼” and 3 ½” steel, 2” & 3” semi-pneumatic and 5½” wide pneumatic wheels. Mid Row Banders*, or a weight kit is required to offset the weight of the packers.
EXTEND YOUR HARROWING CAPABILITY

The Bourgault XR Series Harrows eXtend beyond current harrows on the market, incorporating user-friendly features to achieve consistent results with less hassle.

The operational range provided by the new XR770 harrow design has eXtended performance in 3 related aspects:

- the XR770 eXtends beyond a mid harrow to have the ability to deliver the field finish of a light harrow through to a heavy harrow,
- it eXtends the range of field conditions it can operate in and still do a good job, and,
- with its ability to be effective in tougher conditions it eXtends the working hours per day, and thus, acres that can be covered!
**ADF ADJUSTABLE DOWNFORCE**

The primary ground-breaking advancement that sets the Bourgault eXtended Range harrows apart from the competition is the development of the patent pending, in-cab Adjustable Downforce system (ADF). This design employs hydraulically controlled downforce or up force to each harrow section ensuring a uniform field finish even when contouring to the extremes. ADF ensures that the downforce of the harrow section:

1. is constant regardless of contour position,
2. is isolated from other adjustments, and,
3. is easily adjustable via hydraulic pressure.

**Effective TINE OPTIONS**

- The XR770 is equipped with 7 rows of ½” x 22” tines creating an effective 1.43” spacing across the entire unit. Producers can choose between carbide infused tines on the front 2 rows and regular tines on the rear 5, or carbide infused tines across all 7 rows.

- The XR750 features 5 rows of 5/8” x 26” tines for an effective row spacing of 2.4”. Select the carbide 5/8” x 26” tines for extended service life.

**Outstanding FEATURES**

- The XR Harrows employ an 8” x 8” fixed height frame design with 10’ wide independent sections that are connected to the booms with parallel arms.

- Standard 10’ harrow sections each have 26” of independent vertical travel for uniform results even in extreme contouring land.

- Hydraulically controlled boom wheels allow the operator to greatly reduce distance to fold and unfold the unit.

- The XR Harrows builds on the proven foundation of a durably constructed cart and boom with a reliable auto-fold design. The double acting cable design gives the operator the benefits of a cable and a solid draw without any negative effects.

**Hydraulic JACK OPTION**

An optional hydraulic jack provides the operator an easy method of lining up the harrow tongue to the tractor hitch. Once the remote is activated in the tractor, the operator can use a valve located on the hitch to adjust the height.
Exceptional CONTOURING

Standard 10' harrow sections each have 26" of independent vertical travel for uniform results even in extreme contouring land.

Large Tires Provide EXCEPTIONAL FLOTATION

The XR770 & XR750 Harrows are grounded with large, hi-flotation 21.5L x 16.1 main frame tires, as well as 13.5L x 15FI duals on its wings providing unprecedented flotation for a harrow bar. The wing dual wheels are mounted in board to avoid field hazards such as posts, trees and rock piles.

Optional IN-CAB CONTROL

The XR770 and XR750 are available with a 415 Control Box to provide incremental down force adjustment, switch to up force, or go into float mode all from the seat of the tractor.

XR770 eXtended Range Harrow & XR750 eXtended Range Heavy Harrow SPECIFICATIONS

<table>
<thead>
<tr>
<th>MODEL</th>
<th>XR770-70</th>
<th>XR770-90</th>
<th>XR750-70</th>
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<td>13' 8&quot;</td>
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<td>16,800 lb</td>
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</tbody>
</table>

* All weights & transport dimensions are estimates & are subject to change.

Every effort has been made to ensure that the information is accurate/current at the time of production.

For the latest product information check out our website at: www.bourgault.com

Tires
- Main Frame - Standard 21.5L X 16.1SL
- Wings - Standard 13.5L X 15FI Dual

Tines
- Standard
  - XR770 - ½" x 22"
  - XR750 - ⅝" x 26"

Tine Options
- XR770 - ½" x 22" Carbide Infused Tines
- XR750 - ⅝" x 26" Carbide Tines

Boom Clearance Fixed 28"
Every effort has been made to produce this catalogue with the most current information possible. However, ongoing product development and improvements mean that the equipment and specifications are subject to change without notice. Equipment subject to local availability. Please contact your Bourgault representative for additional information.

Bourgault Industries Ltd.
(U.S. Division)
Box 1118, 3915 North Broadway
Minot, ND U.S.A. 58702
(Canadian Division)
Box 39, 500 Highway 368 North
St. Brieux, SK Canada S0K 3V0

For a complete Bourgault dealer listing visit: www.bourgault.com

BOURGAULT'S COMMITMENT TO QUALITY
Our mission is to design, manufacture and distribute the highest quality, most durable and reliable farm equipment in the world, that is affordable and meets or exceeds the expectations of our most demanding customers.

Bourgault Warranty

5-Year Limited Warranty Repair Period and Remedies
One Year - 100% Parts & Labour.
Two Years - 100% Parts on Bourgault manufactured components.*
Three Years - 50% Parts on Bourgault manufactured components.*
Five Years - 100% Parts & Labour on tillage and air drill structural frame(s).

* Does not include tillage or air drill structural frame(s).

Extended Warranty

Steel Metering Augers - 100% parts against wearing past 10% of the original diameter for the life of the air seeder (corrosion not included).

Plastic Metering Augers - 100% parts against wearing past 10% of the original diameter for the first five years, then 50% parts after five years, for the life of the air seeder.

Tillage, or, Air Drill Shanks - 100% parts against breakage for five years, then 50% parts after five years, for the life of the unit. Bent shanks are warranted 50% parts for the lifetime of the unit.

NOTE: The Bourgault Warranty Policy takes effect at the time of delivery of new, unused, equipment to the first retail purchaser. The warranty policy may change at any time without prior notice from Bourgault. This warranty applies to North American equipment only. Refer to the Bourgault website, or, your local Bourgault Dealer for detailed warranty information.