



BOURGAULT Product Catalogue 2018

www.bourgault.com



PRESIDENT'S MESSAGE

by Gerry Bourgault, P. Eng.

Thank you very much for your interest in our latest line up of farm implements. We trust that this newest catalogue contains one or more items that can make your farming operation even more successful. We understand that equipment is not a substitute for either good management or good farming practices; however, we believe that we are offering equipment that can leverage the knowledge, skills and efforts of those who are seeking to acquire equipment with greater capabilities, which can provide major benefits in the more difficult years.

Over the past decade, farming conditions appear to have become more extreme. Whether or not this is actually the case, because farms have become much larger, extreme weather narrows the windows of opportunity to get the farming completed. This can quickly become problematic and compromise the prospects of producing a high quality, high yielding crop. As such, we are continuing to focus our efforts to develop equipment and systems that will expand the window of opportunity that is available for getting the crops seeded so that it can be harvested earlier. In the difficult years, getting the crop off to an earlier and uniform start can significantly improve the chances of producing a good crop. For example, the new SPS 360™ will prepare the fields for seeding even in relatively wet conditions so that they can be seeded properly and sooner. This will also allow the field to dry off quicker should rain fall after the field has been conditioned. Because the SPS 360™ features “shank openers” as well as coulters, harrows and rolling baskets, it can do field preparation work in the fall when the soil is too hard for the all disk soil preparation machines to be able to do any meaningful soil preparation, as well as being able to operate effectively in the spring when the soil is generally



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wetter and easier to penetrate. The Hi-Flotation (HF) option on the 3320 and 3720 Air Drills allows seeding in relatively wet conditions but the single narrow seed opener and Mid Row Bander® combination minimizes soil disturbance in dry conditions to maximize the moisture available for germination while also providing 100% safe placement of the nitrogen based fertilizers. In general, with our seeding systems, we are continuously seeking to find new ways to get crops off to a faster start, allow them to mature earlier and yield better regardless of the conditions.

Our designers are considering the latest agronomic information when developing new equipment designs; however, because we conduct our own agronomic research on seed and fertilizer placement, we are also discovering and pioneering new and innovative ways of improving crop prospects. For instance, in soils that are deficient in phosphate, whenever the requirements for phosphate fertilizer are higher than the recommended seed placement rates, mid row banding the additional phosphate is an effective strategy that gives the plant later access to phosphate while also building up soil reserves for use by future crops. Please visit our website at www.bourgault.com to view our latest agronomic research results regarding our phosphate trials.

Overall, the entire team at Bourgault has a passion for designing and manufacturing the highest quality, highest value adding equipment on the planet to make your farming experience a more rewarding and successful one. However, in addition to that, because our people understand how critical keeping your equipment in the field can be to the success of your farm, especially in the more extreme years, our team of dedicated men and women is also highly motivated to support this equipment to the utmost of its ability so that it is up and running whenever you need it to be. They clearly understand that your success translates into their success.

Thank you again for your interest in our lineup of equipment!



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3420

PHD - PARALINK™ HOE DRILL

THE 3420 PARALINK™ HOE DRILL DELIVERS
**OUTSTANDING SEEDING
PRODUCTIVITY.**

www.bourgault.com




ADD
Value+

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' on the 3420-100 in field position and transform into an equally impressive 18'3" transport width!



THE 3420 PHD
TRANSFold system
A TERRY FRIGGSTAD / BOURGAULT DESIGN

Watch the TransFold™ engineering unfold at YouTube Channel  BourgaultVideo.

*Pictured at right:
the 3420-100
QDA practically
hides behind the
tractor in transport
position!*



PURSUING PERFECTION



3420 QDA
QUICK DEPTH ADJUST



3420 XTC
eXtra TERRAIN CONTOURING



For those operators wanting a system with closer contourability, the 3420 PHD™ is now available in the XTC model. The XTC, with its 1:1 contouring ability, allows you to closely follow undulating topography.

The 3420 PHD™ is also available in the Quick Depth Adjust (QDA) configuration. For further details on the QDA see page 16, for further details on the XTC see page 22.

3420-80 PHD XTC model shown



THE TREADLITE™ SYSTEM was developed to aid flotation without sacrificing contour depth. Comprised of two independent rear wheels that fold down in field position, the TreadLite™ system allows for incredible contourability on these larger sized units.

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! (see page 8 for further information on flotation).

4 PACKER OPTIONS

are available to suit your individual requirements (see page 12 for further information on PHD packing options).

PHD™ OPENER OPTIONS

(see page 12 for further information on opener design and options).

Drill Control **PACKMASTER™ & LIFTMASTER™**

Bourgault is ever expanding its X35 Apollo system capability, developing features that positively affect your bottom line. PackMaster™ and LiftMaster™ are two of these features.

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.

packMASTER™

PackMaster™ How It Works.



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.



liftMASTER



OPTION

(see page 40 for
further information
on MRBs)



Unrivalled FLOTATION

The 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. 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 fold in the field to compensate for the added weight of the main frame sections and rear tow hitch. The two wheels contour independently of the frame and of each other so contour depth is not adversely affected. The load carried is dictated by the factory-set hydraulic pressure and balances the load across 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 and avoid a huge time loss.

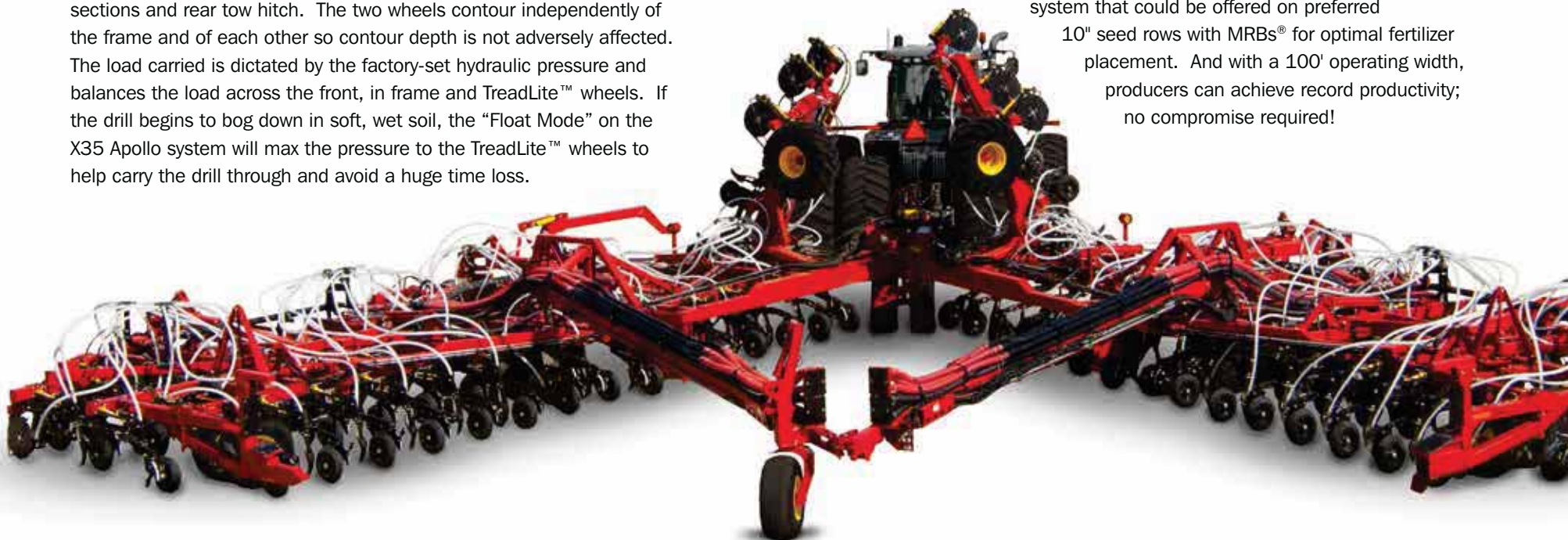


Increased Contouring

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™.

No Compromise Required

Large scale producers can 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!





Transport Safety

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.



MODEL

3420-80

3420-100

No. of Sections

4

6

Working Widths

10" spacing

80'

100'

12" spacing

80'

100'

Transport Width

18'3"

18'3"

Transport Length

58'11"

69'

(Hitch Pin to Rear Tow Hitch Pin)

Transport Height (max)

16'6"

16'6"

Weight (lb) estimates only

10" w MRB®III,

62,000

75,000

(Rear Tow Hitch & TreadLite™)

12" w MRB®III,

58,800

71,000

(Rear Tow Hitch & TreadLite™)

Tires (number in brackets is total for the drill)

Main Frame Center (Rear)

380/55R22.5 (2)

380/55R22.5 (2)

Main Frame Front

21.5x16.1SL (2)

21.5x16.1SL (2)

Main Frame Rear

500/40R16.5 (4)

500/40R16.5 (4)

Inner Wing Front

NA

21.5x16.1SL (2)

Inner Wing Rear

NA

380/55R16.5 (4)

Outer Wing Front

21.5x16.1SL (2)

21.5x16.1SL (2)

Outer Wing Rear

380/55R16.5 (4)

380/55R16.5 (4)

TreadLite

21.5x16.1SL (2)

21.5x16.1SL (2)

Rear Tow Hitch Folding tire

380/55R16.5 (1)

380/55R16.5 (1)

Packer Options

4.8" Pneumatic / 4.5" V-style Semi-Pneumatic

4.5" Semi-Pneumatic & 5.4" Semi-Pneumatic

Depth Adjustment

Same as 3320 PHD (see page 25 for details)

Contour Frame Depth

128"

128"

*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

THE 3320 PARALINK™ HOE DRILL (SE, QDA, XTC)

THE INDEPENDENT SEEDING STANDARD.



See the 3320 PHD in action on [YouTube/BourgaultVideo](#)

ADD
Value+

The Bourgault Paralink™ Hoe Drill has been adding value to seeding operations for over 10 years. The 3320 PHD™ is available in 3 configurations with one to suit your individual needs:

1

3320SE Standard Edition

The 3320SE provides an effective and proven configuration for producers requiring an independent seeding system for general seeding conditions. The 3320SE is perfect if you are looking for a basic Paralink™ Hoe Drill that provides you with the benefits of using the best independent seeding system on the market today.



2

3320QDA Quick Depth Adjust

Get the best of both worlds with the 3320QDA; the only independent depth control drill on the market that offers quick seed depth adjustment (*refer to page 16*). Producers no longer need to put their emergence at risk with the old "set & forget" practice. Precision and convenience is now available with the 3320QDA.



3

3320XTC eXtra Terrain Contouring

Achieve unprecedented seed depth accuracy in challenging terrain. The 3320XTC is equipped with the Paralink XTC Seed Opener Assembly (*refer to page 24*). The XTC Seed Opener has a 1:1 opener to gauge wheel ratio for exact seed placement over ridge tops and through water runs.



PURSUING PERFECTION



3320 SE
STANDARD EDITION



3320 QDA
QUICK DEPTH ADJUST



3320 XTC
eXtra TERRAIN CONTOURING



1 Paralink™ OPENER DESIGN



The Bourgault Paralink™ design maintains the opener's attack angle, regardless of its position. This feature allows you to select the seed opener that works best for your conditions and

farming techniques minimizing seedbed disruption as well as ensuring good seed row coverage. (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.

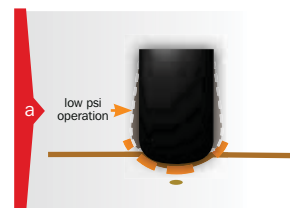
2 Durable CONSTRUCTION



The superior design of the heavy-duty, 5" x 5" three-row frame ensures reliable service through many seasons.

3 Packer Options TO SUIT VARYING CONDITIONS

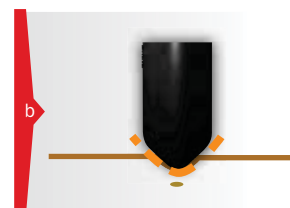
For optimum results, it is critical to match your opener with the right packer wheel. Please note that these are general guidelines and may not suit specific requirements for every operation.



4.8" PNEUMATIC

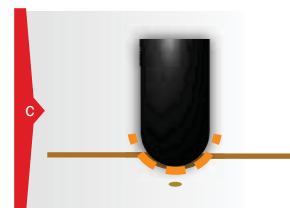
Excellent for a wide range of seeding conditions with various openers.

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



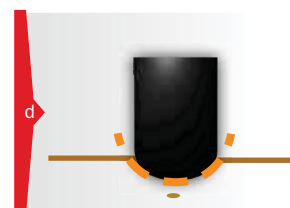
4.5" V-STYLE SEMI-PNEUMATIC

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 ($\frac{3}{4}$ " to 2").



4.5" SEMI-PNEUMATIC

The 4.5" semi-pneumatic provides a wide, rounded packing profile and is typically matched with a $\frac{3}{4}$ " 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.

4 Optional MID ROW BANDERS®

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.



NEW for 2018!

MOMENTARY ISOLATION SWITCH

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

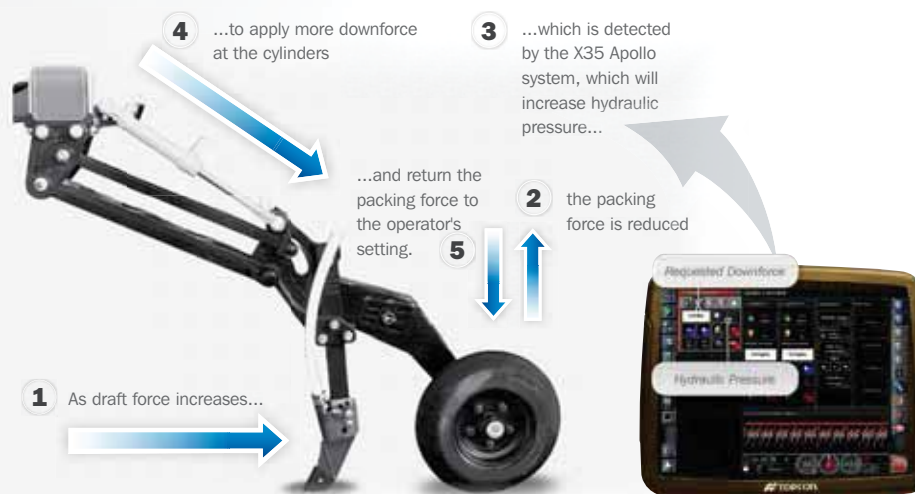
To further aid the ability to seed in wet conditions, a Momentary Isolation Switch is now optional for Mid Row Bander® equipped 3320 PHDs and standard for 3320 PHDs equipped with Mid Row Shanks. If the drill begins to bog down, the operator can activate the isolation switch to lift the mid row openers 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/ NH_3 are not recommended due to the gassing off.)



PACKMASTER™ & LIFTMASTER™ — ADDED CAPABILITY.

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

PackMaster™ How It Works.



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 2015 or 2016 air seeders equipped with the X30 Apollo system.





Optional Hi-Flotation Running Gear FOR WET AND SOFT CONDITIONS



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. Large diameter wheels prevent the drill from “diving” into soft soils and allow you to effectively manage turns with HF’s wagon-style steering.

HF is optional on all 60', 66' and 76' 3320 models and standard on the 3320-86. See page 34 for more details.



3320

QDA - QUICK DEPTH ADJUST



ADD Value+

Set Your Seed Depth in a Matter of Minutes.

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 Adjustment feature allows you to quickly and accurately adjust your seed depth in a matter of minutes.

Achieving the right seed depth for a given crop and current conditions is critical for optimal germination. When time is tight, the hassle of setting an independent depth seed drill encourages producers to find a “close-enough” depth that is an average of the range of optimal seeding depths for various crops and conditions. Bourgault recognized this trend as a detriment to the producer's bottom line and endeavoured to offer a better solution. The result is the 3320 QDA—the only independent hoe drill with convenient and effective seed depth setting.







Composed of ten, $\frac{1}{8}$ " shims, the Quick Depth Adjust shim pack allows you an adjustable range of up to 1- $\frac{1}{4}$ " quick seed depth adjustment.

ADD
Value+



► 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 ¼" change of seed depth for the opener will produce a ½" 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.

THE HYDRAULIC SHIM ASSEMBLY ►



Frame in field operating position.



Divert hydraulic pressure to frame lift cylinders.



Raise frame to take pressure off to allow placement of shims



Remove retaining pin from shims.



Place desired number of shims into position.



Replace retaining pin to secure shims at new depth setting.



Frame can now be returned to operating position.



Individual adjustment for fine tuning in wheel tracks.



▶ 3320 PHD Seed Opener Assembly TRAILING ARM 2:1 PARALLEL LINK



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.

1 Simple Depth Control

Bourgault incorporates an indexed pin depth adjustment that is simple and repeatable. Each position provides 1/8" of adjustment, for a total range of 2-1/2" (sets seed depth range for QDA systems).

2 Quick Hydraulic Response

The 3320 PHD utilizes a 1-1/4" diameter cylinder for quick lifting at the headlands and reduced hydraulic demand.

3 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.

4 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.

5 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.

6 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.

7 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.

8 Choice of Packer Wheel

To suit your specific seeding requirements, Bourgault offers a range of packer wheel options to match your opener selection.

9 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 poorly resulting in erratic row spacing and possible seed damage.

10 Bolt-On Wheel Assembly

A packer wheel assembly can be quickly changed in the field. Get seeding again in minutes! (Drill is equipped with a spare packer wheel and hub.)



3320

XTC - eXtra TERRAIN CONTOURING



ADD Value

3320 XTC - seed with precision even in challenging terrain.

The design of the 1:1 contouring XTC Seed Opener Assembly ensures exact seed placement in a wider range of terrain conditions.

► **Optimized Independent SEED DEPTH ADJUSTMENT**



When operating in extreme conditions, the Bourgault XTC opener has proven to provide exceptional land following characteristics. To better meet the rigor of varying terrain, Bourgault has improved the robustness of the depth adjust mechanism, changing the design from a slotted squeeze handle to an indexed pin system. Still able to retain 1/4" depth increments, this fully retrofit-able change will extend the longevity through the extreme conditions the XTC opener may face.

► **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 MRBs®.



The 1:1 contour ratio of the XTC Opener Assembly is designed to deliver good penetration and 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.





► 3320 XTC Seed Opener Assembly 1:1 PARALLEL LINK ASSEMBLY

1 Easy-Adjust Depth Control

To make seed depth adjustment as convenient as possible on the 3320 XTC, Bourgault has redesigned the depth adjustment mechanism to an indexed pin system ($\frac{1}{4}$ " increments).

2 Quick Hydraulic Response

The 3320 PHD utilizes a $1\frac{1}{4}$ " diameter cylinder for quick lifting in the headlands and reduced hydraulic demand.

3 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.

4 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.

5 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.

6 Choice of Seed Openers*

(Narrow Openers Recommended)

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 ($\frac{3}{4}$ " to 2" *maximum single-shoot opener recommended*).

7 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 12 for packer options).

8 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!



MODEL	3320-30	3320-40	3320-50	3320-60	3320-66	3320-76	3320-86
No. of Sections	3	3	5	5	5	5	5
Working Widths							
10" spacing	30'0"	40'0"	50'0"	60'0"	66'8"	76'8"	86'8"
12" spacing	30'0"	40'0"	52'0"	60'0"	68'0"	76'0"	84'0"
Transport Width	16'1"	19'5"	20'10"	24'4"	24'6"	25'1"	29'3"
Transport Height (max)	12'11"	16'7"	16'1"	15'9"	17'5"	18'9"	20'0"
Weight (lb) estimates only - with standard running gear							
10" w MRB ^{III}	20,100	26,800	33,800	40,500	45,500	49,600	64,500
12" w MRB ^{III}	18,700	25,000	31,000	37,200	41,850	45,500	61,000
<i>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.</i>							
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

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: 1/6" increments, (0 to 2 1/2" range) QDA opener: 1/6" increments, (0 to 2 1/2" range) QDA frame adjustment: 1/8" increments, (0 to 1 1/4" range) XTC: 1/4" increments, (0 - 3" range)

* Optional 800/65 R32 when HF selected ** Optional 540/65 R24 when HF selected

*** Optional 16.5 x 16.1FI when HF selected

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 NH ₃ tanks with lower hitch pull points
MRB^{III}	Optional MRBs [®] for optimal seed to fertilizer separation
MRSIII	Optional MRSIII (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

INDEPENDENT COULTER DRILL (ICD)

THE 3720 ICD DELIVERS

**PRECISE SEED PLACEMENT
& MINIMAL SOIL DISTURBANCE.**



www.bourgault.com



ADD
Value+

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.

Unparalleled productivity. Customers have provided a great amount of positive feedback on the performance of the 3720 ICD. They appreciate the walking coulter arm assembly's ability to successfully operate in wet, muddy conditions without plugging allowing them to seed when competitors' drills were parked. The HF option, available on the 60' and 70', further expands the seeding window to maximize results in wet or soft conditions.

See the 3720 ICD in action on YouTube/BourgaultVideo



PURSUING PERFECTION

3720 ICD
INDEPENDENT COULTER DRILL



► Exceptionally Consistent Seed Depth THE 3720 ICD PARALLEL WALKING COULTER ARM ASSEMBLY

The advanced patented parallel walking coulters 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. Competitors that set the

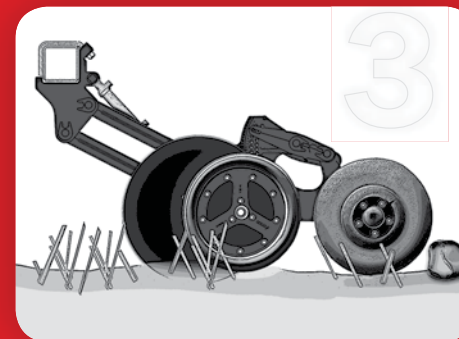
gauge wheel directly beside the coulters are more prone to inconsistent seed depth; particularly in rough soil conditions or faster speeds. Expect consistent seed placement resulting in uniform emergence, even in challenging field conditions.



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



For every 1" that the packer wheel moves vertically, the seed depth moves only $\frac{5}{8}$ ".



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.

C Packer Options

Two packer wheel options 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.



The 4.5" Double-Shoulder Semi-Pneumatic Packer Wheel is highly effective when combined with the winged scraper.

D Niaux 200 Disc Blade

The 3720 ICD employs the **Niaux 200** disc blade. This large 20½" diameter x .197" thick single bevel boron steel coulters has exceptional hardness to maintain its form, *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.

E 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.

F 1" Diameter Needle Bearings at the Pivot Points for Long Wear Life

F

B

D

E

A

C



► On-The-Fly HYDRAULIC CONTROL (STANDARD)

In response to changing soil and moisture conditions, the packing pressure on each individual opener can be conveniently set "on-the-go" with the 405 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.



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

► Drill Control LIFTMASTER™ (STANDARD WITH X35 APOLLO SYSTEM)

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

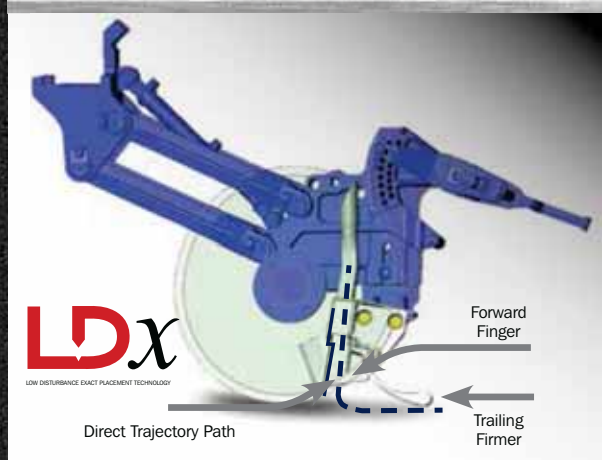
The LiftMaster™ harnessing is standard on systems consisting of a model 3420 PHD, 3320 PHD or 3720 ICD mated to a 6000 or 7000 Series air seeder equipped with an X35 Apollo system. LiftMaster™ is retrofitable on existing 3310 PHDs, 3320 PHDs, 3710 ICDs and 3720 ICDs connected to air seeders equipped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

► PACKMASTER™ (OPTION)

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 14).

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.

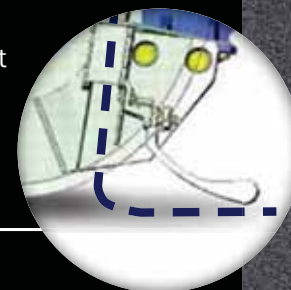
▶ Seedboot/Scraper OPTIONS



NEW LOW DISTURBANCE eXact PLACEMENT TECHNOLOGY SCRAPER OPTION

The LDx Scraper is positioned slightly ahead on the coulters compared to previous designs providing a more direct trajectory for the seed and fertilizer to the bottom of the coulters cut. The addition of the “Forward Finger” ensures product is directed along this trajectory path to the bottom of the coulters cut. The “Trailing Firmer” gently presses down on every seed to the bottom of the coulters 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.

Retrofittable on previous model 3710 ICD.



DISC WING SCRAPER OPTION

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

In addition, the Disc 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.

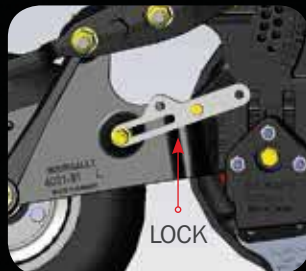


► Row Crop CONFIGURATION

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.

► 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.



3720 ICD with MRB & HF options

► Reduced HAIRPINNING

The 3720 ICD arm mounts the 20½" disc 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.



► **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.)



MODEL	3720-30	3720-40	3720-50	3720-60	3720-70
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No. of Sections	3	3	5	5	5
No. of Rows	2	2	2	2	2
Transport Widths	16'0"	19'10"	20'5"	20'0"	22'6"
Working Widths					
7½" & 10" spacing	30'0"	40'0"	50'0"	60'0"	70'0"
12" spacing	30'0"	40'0"	52'0"	60'0"	72'0"
Transport Height (max)	13'1"	15'3"	14'0"	17'5"	18'7"
Weight (lb) estimates only - with standard running gear					
7.5" w/ MRB [®] III	n/a	39,000	52,000	-	-
7.5" w/o MRB [®] III	25,300	32,500	43,600	49,000	-
10" w/ MRB [®] III	26,200	33,600	45,500	51,000	65,000
10" w/o MRB [®] III	22,100	28,200	38,400	42,800	55,700
12" w/ MRB [®] III	23,900	31,000	42,000	47,000	60,100
12" w/o MRB [®] III	20,300	26,200	35,800	40,000	52,000
Add for Center HF	-	-	-	5,900	Included Above
Add for Full HF	-	-	-	7,750	1,850

Front MF Wheels Double-walking casters standard on all main frames except 3720-70
Hi-Flotation centre option available on 3720-60, standard on 3720-70

Rear MF Wheels Hi-Flotation full option available on 3720-60 and 3720-50
Standard on 3720-70

Front Wheels, wings Double-walking casters standard on inner & outer wings except 3720-30 (single only)
Hi-Flotation full option available on 3720-60 and 3720-70

**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

GENERAL SPECIFICATIONS

Opener Row Spacing	7.5", or 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, ¼" 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"
Safety Chain & Lights	Standard
Wing Transport Locks	Standard
Row Cropping	15" w/ 7.5", 20" w/ 10" Configuration (optional)
Rear Drop Hitch	For pulling liquid or NH ₃ tanks with (optional) lower hitch pull points
MRB[®]III	Optional MRB [®] III - hydraulically actuated



HI-FLOTATION DESIGN OPTION



**ADD
Value+**

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 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.

HF Design Option Availability

MODEL	FULL HF	MAIN FRAME HF ONLY
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3320 PHD (SE, QDA, XTC)

3320-60	Optional	N/A
3320-66	Optional	N/A
3320-76	Optional	N/A
3320-86	Standard	N/A

MODEL	FULL HF	MAIN FRAME HF ONLY
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3720 ICD Independent Coulter Drill

3720-60	Optional	Optional
3720-70	Optional	Standard

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.

See Hi-Flotation in action on YouTube/Bourgault Video



A large red Case IH 5810 Air Hoe Drill is shown in a field, viewed from a low angle. The machine has multiple rows of wheels and complex mechanical components. The background shows a line of trees under a cloudy sky.

5810

AIR HOE DRILL

THE 5810 AIR HOE DRILL

**PROVEN SEEDING
TECHNOLOGY.**

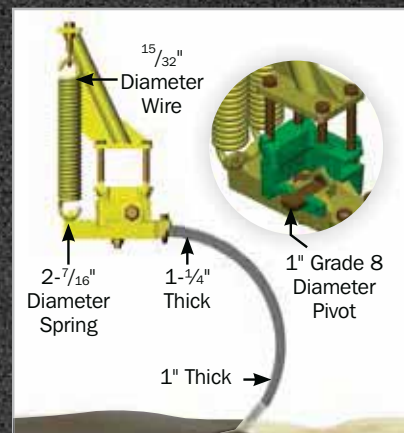
ADD
Value+

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 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.

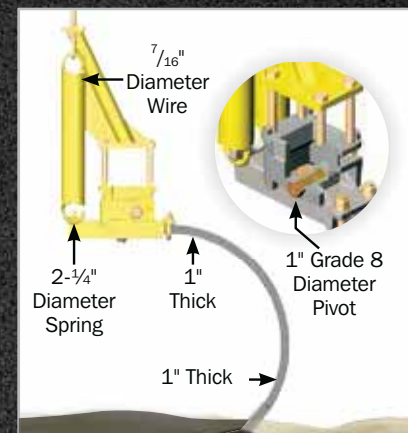
Choose from a variety of bolt-on or quick-change seed knives, spoon openers, vertical openers and spread tip openers to ensure you can achieve the results you need for optimal germination.

► The Bourgault Spring Trip A DEPENDABLE HISTORY.



450 lb HD SPRING TRIP

► best option for heavy clay land



330 lb HD SPRING TRIP

► best option for most seeding requirements and stony field conditions

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.



PURSUING PERFECTION

5810
AIR HOE DRILL



► Optimize Your 5810 TO SUIT YOUR CONDITIONS.

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

Packer Options

① STEEL WHEEL (21¼" in diameter)

Best for dry conditions where aggressive packing is required.

- Choice of 2¼", 3½" and 4½" widths
- Optional mud-scrapers are available
- Stone kickers standard

② RUBBER-FACED SEMI-PNEUMATIC WHEEL

(22" in diameter)

Semi-pneumatic packers offer excellent mud shedding ability and offer good packing characteristics in a wide range of moisture conditions.

- Choice of 3" and 4" widths
- Stone kickers standard

③ PNEUMATIC WHEEL

(20½" in diameter)

Adjust pneumatic packers to match seeding conditions. Best option for seeding in wet conditions.

- 5½" width
- Tire pressure can be adjusted from 6 to 45 psi
- 4-ply tubeless tire is installed with tire sealant
- Tire stem is protected from damage in the field

► Single Point DEPTH ADJUSTMENT.



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!

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 sulphur 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 let 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.



MODEL	5810-32	5810-42	5810-52	5810-62	5810-72
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No. of Sections	3	3	5	5	5 op./7 trans.
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No. of Rows					
--------------------	--	--	--	--	--

Without MRB	4	4	4	4	5
With MRB	3	3	3	3	4

Working Widths					
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9.8" Spacing	32'8"	42'6"	52'3"	62'1"	71'10"
12.6" Spacing	33'7"	42'0"	54'7"	63'0"	73'6"

Transport Width at Top					
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	22'3"	22'3"	23'8"	24'0"	23'5"
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Transport Height (max)					
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	12'8"	17'6"	16'1"	17'11"	18'11"
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Weights (lb) estimates only					
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9.8" Spacing w/ MRB	25,000	28,250	36,000	40,500	48,800
9.8" Spacing w/o MRB	22,500	25,000	32,000	35,700	43,300
12.6" Spacing w/ MRB	23,600	26,000	33,750	38,150	45,200
12.6" Spacing w/o MRB	21,600	23,500	30,500	34,400	40,600

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

Tires					
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Main Frame Casters	13.5L x 15FI	13.5L x 15FI	13.5L x 15FI	13.5L x 15FI	16.5L x 16.1FI
Inner Wing Casters (double-walking)	13.5L x 15FI	13.5L x 15FI	13.5L x 15FI	13.5L x 15FI	13.5L x 15FI
Inner Wing Casters (double)	11L x 15FI	11L x 15FI	11L x 15FI	11L x 15FI	N/A
Outer Wing Casters (double-walking)	-	-	13.5L x 15FI	13.5L x 15FI	13.5L x 15FI
Outer Wing Casters (double)	-	-	11L x 15FI	11L x 15FI	N/A
Rear Transport Wheels	13.5L x 15FI	13.5L x 15FI	13.5L x 15FI	13.5L x 15FI	13.5L x 15FI

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

GENERAL SPECIFICATIONS					
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Spacing	9.8" & 12.6"
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Packer Options	Steel - 2¼", 3½", 4½" / Rubber - 3", 4" / Pneumatic - 5½"
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Openers	Quick-Change adapters optional—refer to BTT for optional openers
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Seed Boots	Standard or wide spread seed boot available
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Air Kits	Single-shoot & double-shoot
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Blockage Monitors	Optical blockage monitors available for secondary and tertiary air lines.
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Wing Casters	Dual rigid (all sizes except 72'), or dual walking (all sizes)
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Trip Assemblies	330 lb 1" x 2" shank	450 lb 1¼" x 2" tapered to 1" x 2" at the opener attachment location
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MRB^{III}	Optional on 12.6" & 9.8" spacings with NH ₃ , dry, or liquid fertilizer tubes
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MRS^{III}	Optional MRS^{III} (Hydraulic Mid Row Shank) available on 12.6" spacing
--------------------------	---



MID ROW BANDERS®

**DELIVERING OPTIMAL
SEED TO FERTILIZER
PLACEMENT.**



ADD
Value+

Mid Row Banders® place your fertilizer in the optimal place allowing the seedling timely access to nutrients at the right time for maximum development.

Over twenty years ago, Bourgault recognized serious deficiencies with the use of one-pass side band systems in less than ideal seeding conditions. This led to the development of the Bourgault Mid Row Bander®. MRBs® were first released in 1996 delivering the benefits of minimized soil disturbance and guaranteed nitrogen-to-seed separation. This agronomically superior system has become a mainstay in the Prairie Provinces and Northern Great Plains of the US, fertilizing well over 100 million acres over the past twenty years. The current Mid Row Bander®III provides farmers with even greater convenience and flexibility, while delivering nutrients to the optimal location resulting in excellent crop establishment even in the most challenging seeding conditions. Farmers can count on harvesting the economic advantages of Bourgault MRBs® for many more years to come.



PURSUING PERFECTION

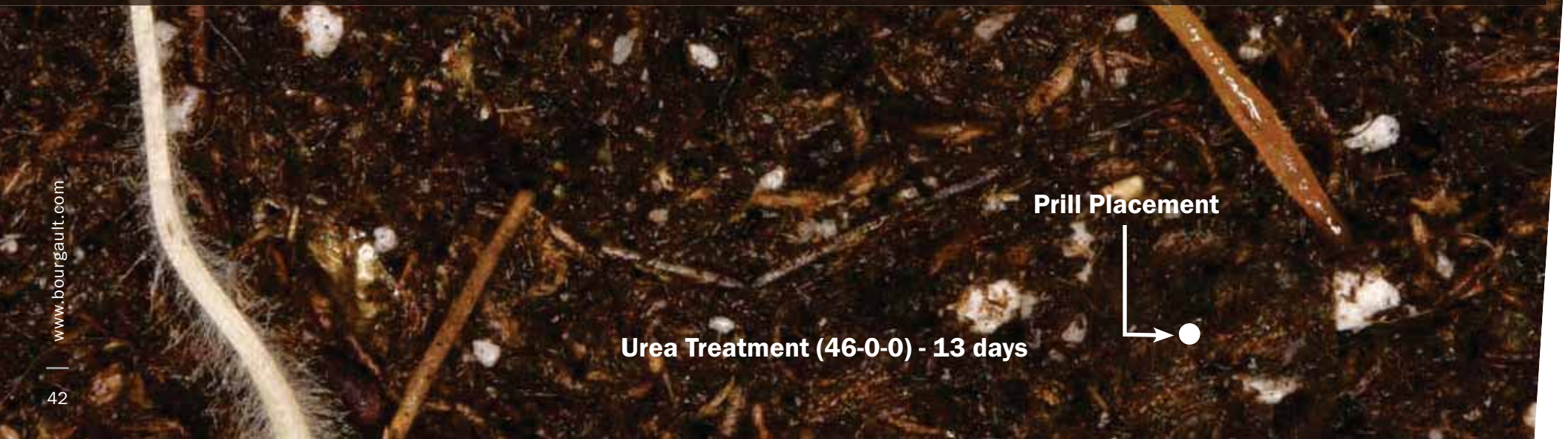


Wheat Seed

Do MRBs® eliminate the negative impact of too close nitrogen fertilizer to seed placement?

This image shows evidence of what happens when a urea prill is placed too closely to a developing root system. This photo is of a wheat seedling 13 days after setup where one urea prill was placed 1" below and 1" to the side of the seed (the equivalent of approximately 45 lb/acre). This observation was done in a controlled environment with adequate moisture. Most of the primary root stems still look healthy, but this close up photo reveals the root tips near the urea prill are browning off and root hair development is not as extensive. Dry conditions will likely show even greater damage to the root hairs. MRBs® eliminate the negative impact of too close fertilizer to seed placement.

(Photo Credit: Mike Dolinski, MSc.)



Prill Placement

Urea Treatment (46-0-0) - 13 days

MRB® III - THE MECHANICS

Mid Row Banders® 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 disc 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.

SIMPLICITY

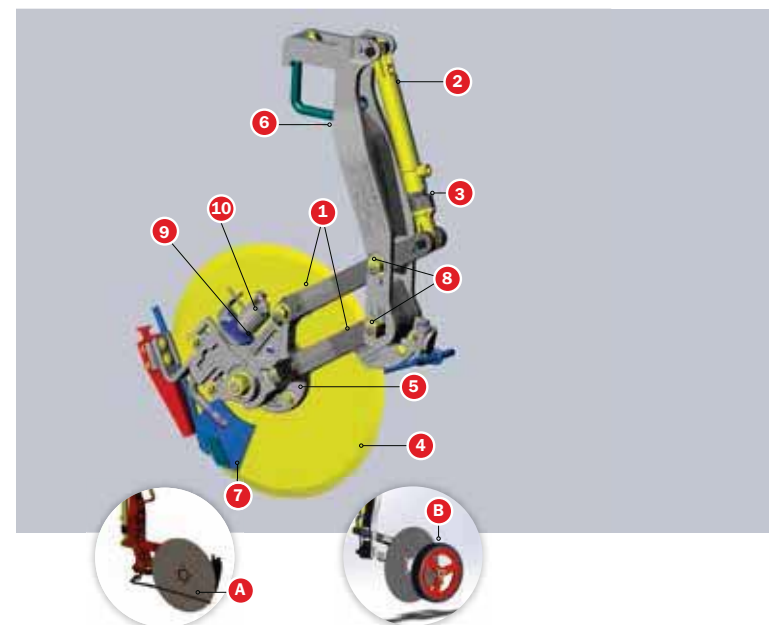
- 3** *Simple & Easy Depth Adjustment* - shims on the hydraulic cylinder are used for setting the depth (one $\frac{1}{4}$ " shim = $\frac{5}{8}$ " depth). Extra shims are stored on the top mounting pin for convenient access.

DURABILITY

- 4** *Long Wearing Coulter (Niaux 200 Disks)* - the large 20- $\frac{1}{2}$ " 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 discs provide excellent wear 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.

- 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 disc can be adjusted in fine $\frac{1}{8}$ " increments to ensure optimal operation even as the disc wears.
- 10** *Scraper Pressure Adjustment* - the pressure of the carbide scraper on the disc can be easily set to match soil conditions for optimal results.



The outside closer tine (A) 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 disc to help keep it clean. If you require less soil disturbance, the retaining wheel (B) utilizes a torsion spring to provide downforce running alongside the disc, keeping it clean while holding down the soil adjacent to the groove made by the coulter.

MID ROW Shank III (MRS III) FERTILIZER APPLICATION system

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.



Visit www.bourgault.com for further information.

7000

SERIES AIR SEEDERS



7000 SERIES AIR SEEDERS

EXTREME PRODUCTIVITY.

ADD
Value+

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 patented 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.

Features and options available on the 7000 Series air seeders:



PURSUING PERFECTION

7000 Series
AIR SEEDERS



Bourgault Air Seeders

Extreme Size. Extreme Range of Sizes.



71300
AIR SEEDER

Total Volume (bu)
1340 bu w/ Saddle Tank

1300

560 Tank 1	75 Tank 3
125 Non-Metering FLEX Bin	375 Tank 4
165 Tank 2	40 Optional Saddle Tank

7950
AIR SEEDER

Total Volume (bu)
990 bu w/ Saddle Tank

950

410 Tank 1	55 Tank 3
90 Non-Metering FLEX Bin	275 Tank 4
120 Tank 2	40 Optional Saddle Tank

L7800
AIR SEEDER

Total Volume (bu)
840 bu w/ Saddle Tank

800

210 Tank 1	75 Non-Metering FLEX bin
50 Tank 2	345 Tank 4
120 Tank 3	40 Optional Saddle Tank

Available in both Tow Behind and Leading Models.



7700

AIR SEEDER

Total Volume (bu)
740 bu w/ Saddle Tank

700

295 Tank 1

60 Non-Metering FLEX Bin

105 Tank 2

30 Tank 3

210 Tank 4

40 Optional Saddle Tank



L7550

AIR SEEDER

Total Volume (bu)
570 bu w/ Saddle Tank

550

85 Tank 1

175 Tank 2

55 Tank 3

235 Tank 4

20 Optional Saddle Tank



7550

AIR SEEDER

Total Volume (bu)
570 bu w/ Saddle Tank

550

85 Tank 1

235 Tank 2

55 Tank 3

175 Tank 4

20 Optional Saddle Tank



Following are some of the main features of Bourgault 7000 Series air seeders; features that maintain Bourgault's position at the top of air seeder technology.



Industry-Exclusive INTEGRAL TANK DESIGN

The patented 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:

7700 Model

Canola	Tank 5 (opt.)	40 bu	5 lb/ac	400 ac
Urea	Tank 1 + FLEX bin	355 bu	140 lb/ac	151 ac
Phosphate	Tank 2 & 3	135 bu	50 lb/ac	198 ac
Sulphur	Tank 4	210 bu	80 lb/ac	186 ac

7950 Model

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

71300 Model

Canola	Tank 5 (opt.)	40 bu	5 lb/ac	400 ac
Urea	Tank 1 + FLEX bin	685 bu	140 lb/ac	291 ac
Phosphate	Tank 2 & 3	240 bu	50 lb/ac	352 ac
Sulphur	Tank 4	375 bu	80 lb/ac	332 ac

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 L7550.

To minimize the time and effort it takes to collect bagged product from your truck, Bourgault has developed a mini-bulk storage platform. This feature again increases efficiency and elevates convenience when time really counts!

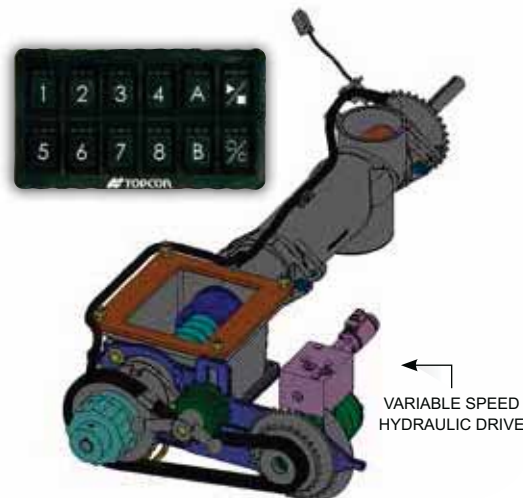
NEW! *Saddle Tank Load Cells* - Saddle Tanks on 7000 Series air seeders are now equipped with load cells. This will provide exact feedback to the operator on application rate and the number of acres remaining to seed before the next fill.



The HYDRAULIC METER DRIVE

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.

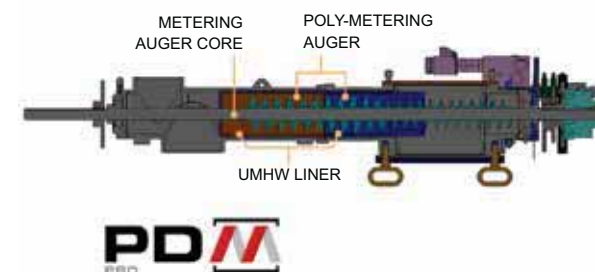


An Advanced Metering System—THE PDM PRO

The PDM Pro provides the highest degree of metering accuracy while still providing gentle seed handling.

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

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.





1 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 59 for information on 7000 Series air pressures.

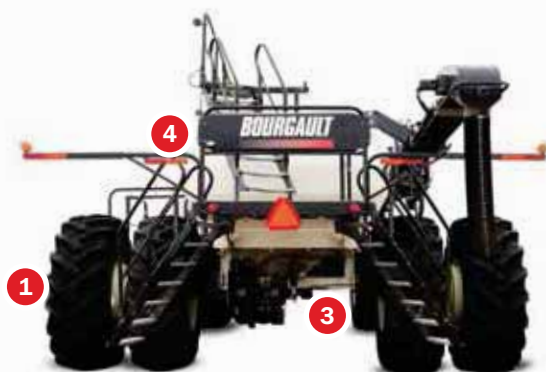
2 Track Option EXTRA FLOTATION

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.

Large, grated stairs make accessing the tank top safe and secure.





3

Fan OPTIONS



Today's larger seeding systems require a large volume of air for accurate and consistent product rates. Bourgaunt utilizes a two fan product delivery system for double-shoot air kits to maximize efficiency, simplify settings and to minimize any plugging problems.

Bourgaunt has 4 fan options to match your drill width and target application rates. Talk to your dealer about fan options.

(Hydraulic Note: $\frac{3}{4}$ " hydraulic tractor couplers are recommended.)

4

In-Tank Cameras & LED Lighting FOR EXCELLENT VISIBILITY.



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 Bourgaunt dealer locations.

Seven LED exterior tank lights allow for greater visibility when working at night.





5

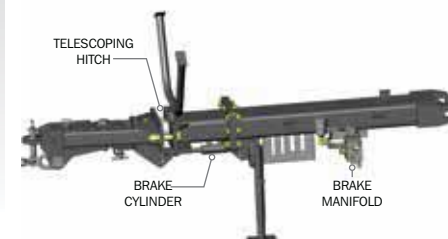
Self Applying Surge Brake System

SAFETY & CONTROL.

Optional on 7700 and standard on 71300 & 7950 air seeders (wheeled units only - no tracks).

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.



Weigh Scale - know product weights instantly and use the NEW Xtend feature to conveniently transfer information to the X35 Apollo system (see page 68 for more information on the Xtend feature).



7950 air seeder with conveyor option

Class A - Straight-Thru Distribution

6 Class A STRAIGHT-THRU PRIMARY LINE

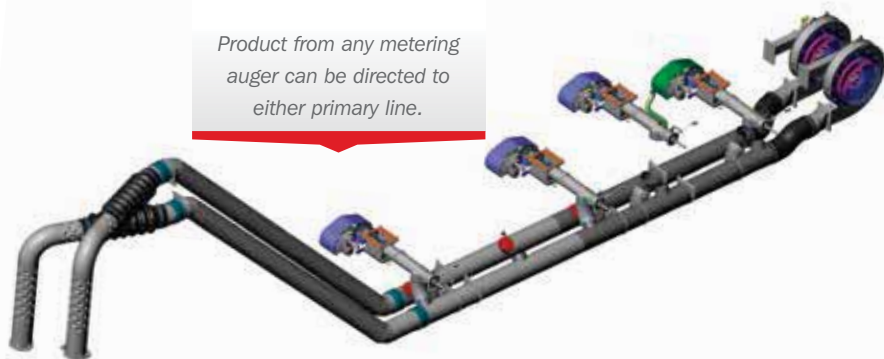
The Straight-Thru Primary Distribution design makes it easy for you to configure the Bourgault air seeder to match your needs for the given crop.

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.

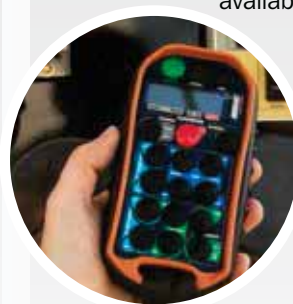
Double-Shoot—two sets of primary distribution lines are used, one feeding seed shanks and one feeding a fertilizer application device such as MRBs. It is important to have a dedicated fan for each line in order to have proper air speed control.

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



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.



7700 air seeder with
auger option





auto section control / asc

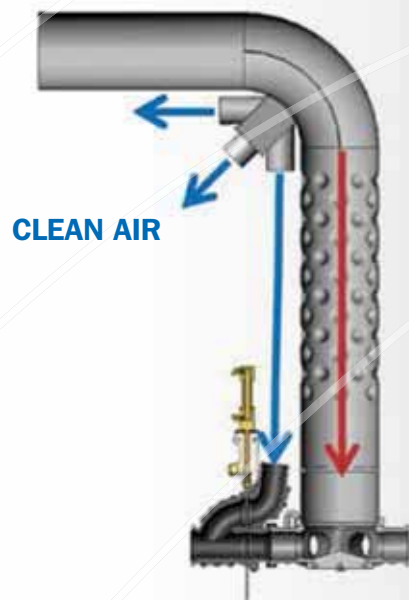
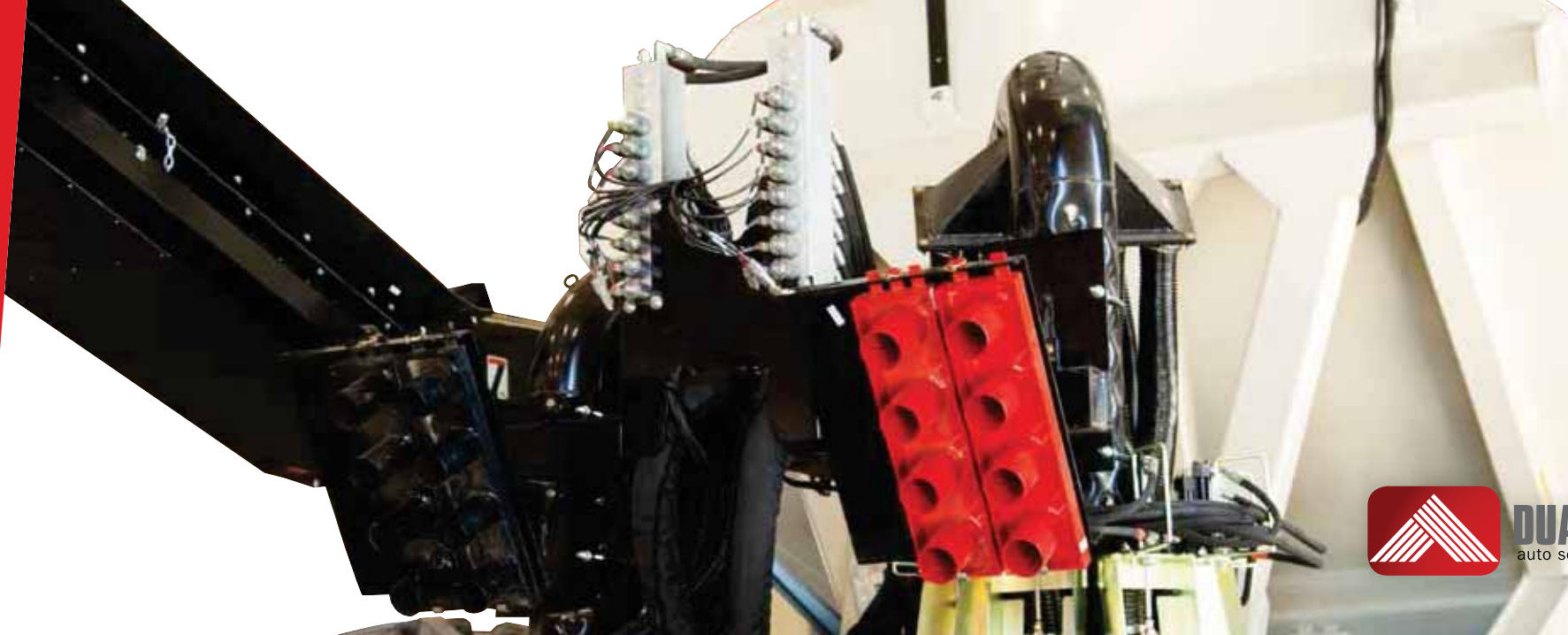
Realize Direct Input Cost Savings with Dual Auto Section Control.

ASC works in conjunction with the Topcon X35 Apollo system to effectively manage the overdistribution of seed and fertilizer inputs by significantly reducing input overlap.

DUAL asc 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 NH_3 or liquid fertilizer application.

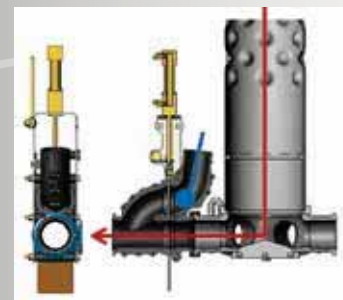
The Dual Auto Section Control option is available on all 7000 Series air seeders with Apollo systems.



PRODUCT

Product flows through primary elbow:

- ▶ Product follows outside radius of elbow,
- ▶ Clean air (*free from product*) is allowed to exit via the clean air plenum when the product flow is blocked.



The Knife-Style Valve

Seeding Position:

- ▶ Cylinder is extended,
- ▶ Product flow open,
- ▶ Clean air blocked

■ **CLEAN AIR** ■ **PRODUCT**



Closed Position:

- ▶ Cylinder retracted,
- ▶ Product flow blocked,
- ▶ Clean air open

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

Owner Survey

Bourgault surveyed ASC Operators to obtain their feedback on the benefits that ASC provided. In general, the responses were extremely positive whereby operators reported estimated direct cost savings from 2% to 10%, with some claiming 15% - significant savings when considering what input costs are!

Some of their comments included:

“The mechanical [operation] was perfect.”

“The headlands were around 6-8" of overlap ... unbelievable!”

“It was phenomenal, amazing.”

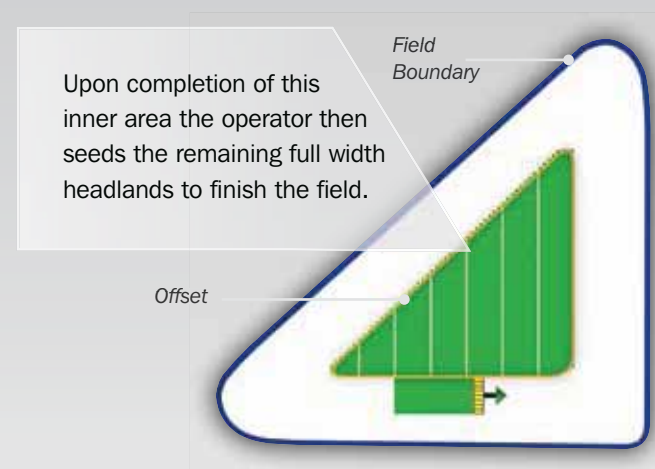
ASC –Actual Savings of Costs

The time it takes to realize a return from the investment into Auto Section Control will vary based on size of operation, amount of obstacles, and rates of product applied. When factoring anticipated savings, one must keep in mind several facts to ensure a realistic goal is set. These facts include that double seeded areas may out produce single seeded areas, overlap is not completely eliminated with ASC (or any sectional control system), and to use a realistic savings factor when developing a justification for sectional control. On the flip side, additional benefits ASC will provide from reduced double seeding will be more even maturity and reduced chance of lodging.

At the end of the day, the Bourgault Auto Section Control system is an effective tool to keep more dollars in farmer's pockets. As input costs continue to rise, ASC will soon become a standard on many Prairie farms.

► 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).

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

BulkBoom™

- ▶ 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™

FillChute™

- ▶ Bourgault has released the Saddle Tank FillChute™ option. This 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™

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 (Check out the Bourgault website for restrictions and availability).



MODEL	71300	7950	L7800	7700	L7550	7550
Total Tank Volume (bu)	1300 (1340 w/ Saddle Tank)	950 (990 w/ Saddle Tank)	800 (840 w/ Saddle Tank)	700 (740 w/ Saddle Tank)	550 (570 w/ Saddle Tank)	550 (570 w/ Saddle Tank)
Tank Volume	560 (Tank 1)	410 (Tank 1)	210 (Tank 1)	295 (Tank 1)	85 (Tank 1)	85 (Tank 1)
Tank Volume	125 (Non-Metering FLEX Bin)	90 (Non-Metering FLEX Bin)	50 (Tank 2)	60 (Non-Metering FLEX Bin)	175 (Tank 2)	235 (Tank 2)
Tank Volume	165 (Tank 2)	120 (Tank 2)	120 (Tank 3)	105 (Tank 2)	55 (Tank 3)	55 (Tank 3)
Tank Volume	75 (Tank 3)	55 (Tank 3)	75 (Non-Metering FLEX Bin)	30 (Tank 3)	-	-
Tank Volume	375 (Tank 4)	275 (Tank 4)	345 (Tank 4)	210 (Tank 4)	235 (Tank 4)	175 (Tank 4)
Tank Volume (Optional Saddle Tank)	40 (Tank 5)	40 (Tank 5)	40 (Tank 5)	40 (Tank 5)	20 (Tank 5)	20 (Tank 5)
Overall Length	55'2"	44'9"	39'5"	44'9"	36'0"	40'0"
Transport Height	Tires - 14'8"	13'2"	13'2"	12'4"	12'4"	12'4"
Field Height (Top of Raised Handrail with Tanks Full)	Tires - 17'2"	15'11"	15'11"	15'	15'	15'
Overall Width	21'3½" (Duals)	21'1" (Duals)	20'3" (Duals)	14'3" (Singles) 20'1" (Duals)	20'3" (Duals)	14'5" (Singles) 18'1" (Duals)
Weight	48,000 lb (Duals)	33,500 lb (Duals)	28,500 lb (Duals)	24,500 lb (Singles)	19,500 lb (Duals)	20,000 lb (Singles)
Load/Unload Augers	20" Belt Conveyor	12" Auger or 15" Belt Conveyor	12" Auger	12" Auger or 15" Belt Conveyor	10" Auger	10" Auger
Scale	Standard	Standard	Standard	Optional	Optional	Optional
Brakes	Surge Brake Standard w/ Tires	Surge Brake Standard w/ Tires No Brakes with Tracks	Standard (Non-Surge) Brake w/ Tires Only	Surge Brake Optional w/ Tires Only	-	-
Front Hitch	-	-	Category 5	-	Category 4 or 5	-

*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

GENERAL SPECIFICATIONS

Drive	Hydraulic Drive (7" Straight-Thru Primary Line)
Seed Rate	X35 Apollo System, or, ISO Apollo System
Controller Options	
Scale	Standard on 71300, 7950, L7800 / Optional on 7700, L7550, 7550
Camera(s)	Standard on all 7000 Series air seeders
Dual ASC	Dual Auto Section Control is an available option on all 7000 Series air seeders. <i>Please note that ASC components are mounted on to the drill for the L7800 and the L7550 and therefore leading air seeders cannot be paired with competitors' drills.</i> <i>Also note that the air kit is specifically designed to work with the 3420 and 3320 PHDs and 3720 ICD</i>
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).

TIRE SIZES & PRESSURES

AIR SEEDER CAPACITY	TIRE SIZE		TIRE PRESSURE
1300 bu	Front (Duals)	IF710/70 R42	15 psi
	Rear (Duals)	IF850/75 R42	15 psi
950 bu	Front (Singles)	850/80 R38	15 psi
	Front (Duals)	710/70 R42	12 psi
	Rear (Duals)	850/80 R38	12 psi
800 bu (Leading)	Rear (Duals)	850/80 R38	18 psi
	Rear (Duals)	IF850/75 R42	14 psi
700 bu	Front (Singles)	710/70 R42	17 psi
	Front (Singles)	850/80 R38	12 psi
	Front (Duals)	710/70 R42	12 psi
	Rear (Singles)	850/80 R38	17 psi
	Rear (Duals)	710/70 R42	12 psi
	Rear (Duals)	850/80 R38	12 psi
550 bu	Front (Singles)	28L x 26	17 psi
	Front (Singles)	710/60 R30	13 psi
	Rear (Singles)	900/60 R32	24 psi
	Rear (Duals)	650/75 R34	16 psi
	Rear (Duals)	800/65 R32	12 psi
550 bu (Leading)	Rear (Duals)	800/65 R32	16 psi

6000

SERIES AIR SEEDERS

6000 SERIES AIR SEEDERS

PROVEN AIR SEEDER TECHNOLOGY.



ADD
Value+

The Bourgault 6000 Series air seeder line provides tank flexibility, simple and accurate product metering and other design features that increase convenience and efficiency.



6550st
AIR SEEDER

Total Vol.
(bu) **550**

170 Tank 1

15 Tank 2

75 Tank 3

290 Tank 4



6450
AIR SEEDER

Total Vol.
(bu) **450**

145 Tank 1

15 Tank 2

60 Tank 3

230 Tank 4



6350
AIR SEEDER

Total Vol.
(bu) **350**

140 Tank 1

70 Tank 2

140 Tank 3



6280
AIR SEEDER

Total Vol.
(bu) **280**

112 Tank 1

168 Tank 2



PURSUING PERFECTION

6000 Series
AIR SEEDERS



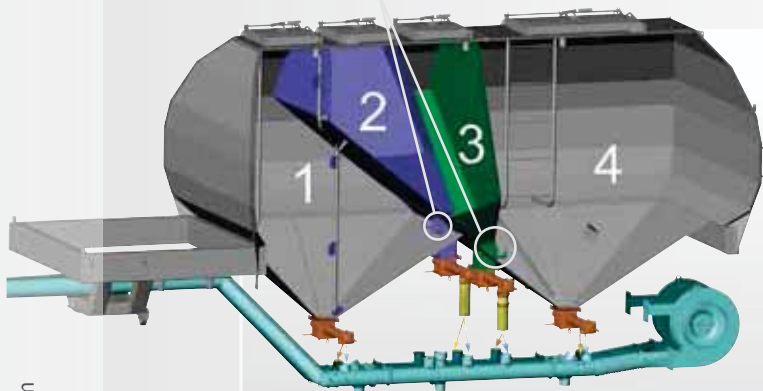
► Industry-Leading TANK FLEXIBILITY

The patented 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.

INTER-CONNECT PORTS



BOURGAULT CLASS A
STRAIGHT-THRU PRIMARY SYSTEM

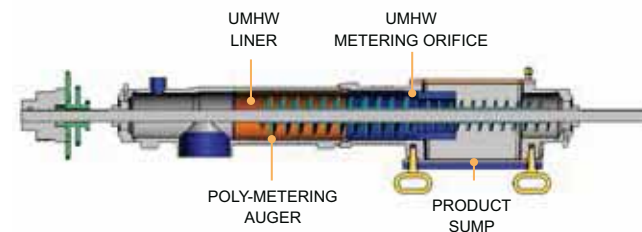
Configuration Example
Model 6450

REQUIREMENT	CONFIG.	VOLUME SPLIT
4 Products	no diversion	31% - 3% - 14% - 52%
3 Products	2 into 1	34% - 14% - 52%
3 Products	3 into 4	31% - 3% - 66%
3 Products	3 into 2	31% - 17% - 52%
2 Products	2 into 1 & 3 into 4	34% - 66%
2 Products	3 & 2 into 1	48% - 52%
2 Products	2 & 3 into 4	31% - 69%
1 Product	2 into 1 & 3 into 4	100%

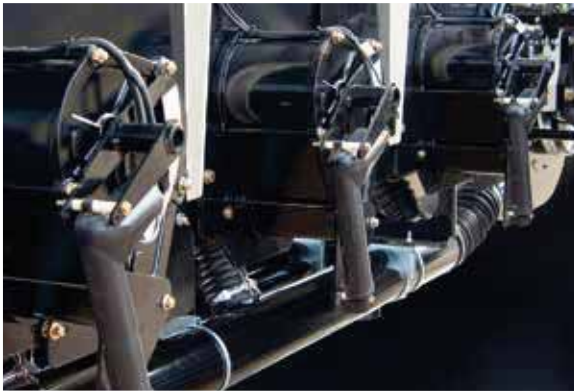
► Accurate PRODUCT METERING

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.



► Variable SPEED TRANSMISSION



Maintain precise metering rates with Bourgaault'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.

► In-Cab RATE ADJUSTMENT



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.

► 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.

► Quick and Easy TANK CLEANOUT



To clean out a Bourgaault tank, simply remove the two bolts holding the sump plate and allow the product to neatly drop into the auger hopper.



► Dual and High Speed FAN OPTIONS



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: $\frac{3}{4}$ " hydraulic tractor couplers are recommended.)

► Optional Bag LIFT SYSTEM (6350 – 6550st)



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.

► Reliable and Intuitive MONITORING SYSTEM



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 NH_3 or liquid and for applied mapping.

MODEL	6550ST L6550	L6455	6450	6350 L6350	6280
Total Tank Volume (bu)	550	455	450	350	280
#1 Tank Volume	170	160	145	140	112
#2 Tank Volume	15	65	15	70	168
#3 Tank Volume	75	230	60	140	-
#4 Tank Volume	290	-	230	-	-
Transport Height	12'5"	12'5"	12'5"	12'5"	12'1"
Field Height (Top of Handrail)	15'0"	15'0"	15'0"	15'0"	14'0"
Overall Width (Singles)	13'9"	13'9"	13'9"	13'9"	13'2"
Front to Rear Axle (Tow Only)	15'6"	15'6"	15'6"	12'6"	12'6"

MODEL	6550ST L6550	L6455	6450	6350 L6350	6280
Hitch Pin to Rear Tow Hitch Pin	32'7"	-	32'7"	29'10"	29'10"
Leading Units	30'2"	30'2"	-	27'3"	-
Weight (lb) Estimates Only*	15,500	14,000	14,000	11,000	10,200
Max Hitch Load (lb) Leading	8,600	8,600	-	7,500	-
Front Tire Spacing	5'0"	-	5'0"	5'0"	5'0"
Optional Row Crop Spacing	-	-	-	3 m	3 m
Rear (Single)	10'10"	10'10"	10'10"	10'10"	10'10"
Rear (Duals)	15'0"	15'0"	15'0"	15'0"	-
Load/Unload Augers	10" Dlx.	10" Std./Dlx.	10" Std./Dlx.	8" Std.	8" Std.
Loading Rates	85 bu/min*	70/85 bu/min*	70/85 bu/min*	30 bu/min*	30 bu/min*
Tire Options					
Front Axle (Tow Only)	540/65R24	-	540/65R24	21.5 x 16.1	21.5 x 16.1
	R1-W Lug	-	R1-W Lug	I3 Traction Lug	I3 Traction Lug
	-	-	-	540/65R24	-
Rear Axle (Singles)	900/60R32	30.5L x 32	30.5L x 32	28L x 26	28L x 26
	R1-W Lug (Tow Only)	R1 Lug	R1 Lug	R1 Lug	R1 Lug
	-	-	30.5L x 32	800/65R32	480/80R38
	-	-	R2 Lug	R1-W Lug	R1 Lug (Row Crop)
	-	900/60R32	900/60R32	520/85R38	520/85R38
	-	R1-W Lug	R1-W Lug	R1 Lug	R1 Lug (Row Crop)
	-	-	-	520/85R38	-
Rear Axle (Duals)	650/75R34	650/75R34	650/75R34	-	-
	R1-W Lug	R1-W Lug	R1-W Lug	-	-
	-	-	-	30.5L x 32	-
				R1 Lug (Leading Only)	

*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

X35/ISO

Available in Two Versions to Meet Your Needs.

APOLLO SYSTEMS

In the spring of 2017, Bourgault partnered again with Topcon to release its X35 Apollo system. This system maintains many of the standout features available on the X30 Apollo system with additional capabilities that increase both flexibility and accuracy. Some of the more popular features carried forward from the X30 Apollo System include: control of up to 8 products, variable rate control (VRC) and dual auto section control (Dual ASC). The X35 employs the same large 12.1" touchscreen that makes viewing and adjustment easier during a long day of seeding, but the housing of the X35 is smaller and access to the features that were previously on the housing are now accessible on screen. In addition, a faster processor speeds up certain features on the X35 system.

①



The X35 Apollo system

Achieve Unprecedented Control of Your Seeding Operation with the X35 Apollo system.

The X35 Apollo system offers a wide range of features for growers looking for full mapping capabilities, rate control functionality and advanced features such as Auto Section Control.

X35 Apollo | system

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.



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.

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.



The X35 Apollo system provides extreme functionality.

Following are just a few examples from the extensive list of X35 capabilities:

Xtend Feature

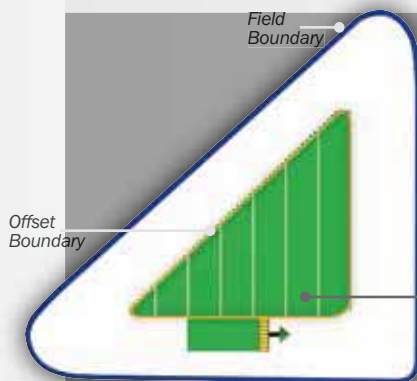


The new X35 brings Wi-Fi connectivity to Bourgault air seeders for 2018 with its Xtend feature. With this new capability, the X35 can connect to smart phone and tablet applications. A Wi-Fi dongle (provided) allows you to generate a local wireless hotspot that devices can be connected to. By downloading 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 filling 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.

The Wi-Fi dongle allows you to generate a local wireless hotspot that devices can be connected to.

Headland Manager



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.

Upon completion of this inner area the operator then seeds the remaining full width headlands to finish the field.



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).



Blocked Head Monitoring

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



Dual Auto Section Control (ASC)

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



Coverage Maps

Integrate a GPS signal and display and record coverage maps for multiple products, along with individual sections (*granular and liquid/anhydrous*).



► Tank Optimizer



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

► Master Clutch Status

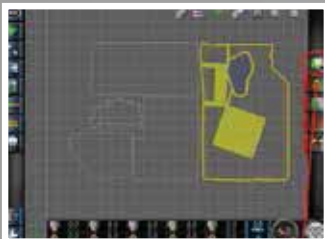


The status of the Master Clutch is easily identified by color.

► Heads-Up Dashboard



Heads-Up Dashboard is customizable to view up to 8 air seeder functions with 3 viewable items per function.



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.



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 X30. A “charging” feature ensures that the metering augers are primed with product so an accurate sample is collected.

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 system. Detailed instructions and videos covering the set up and operation of the Apollo systems are available on the Bourgault website under: Monitor Training.

Software updates available at: www.bourgault.com

2 The ISO Apollo system

Full Monitoring Capabilities with Basic Seed Rate Control



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 makes 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 and ISO Apollo systems are 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.



SPS360

SOIL PREP SYSTEM

THE SPS360

FINISH FIRST.

ADD
Value+

The SPS 360 Soil Prep System stands out as a tillage implement that can transform a rutted up and trashy field to seed ready in just one pass.*

The SPS 360 Soil Prep System uses a combination of cutting coulters, heavy-duty shanks, harrows, and rolling baskets to cut, distribute and incorporate heavy straw while also breaking up clumps and re-levelling and firming the soil.

**only a single-pass is required in most conditions.*

See the SPS 360 in action on YouTube/BourgaultVideo



PURSUING PERFECTION

SPS 360
SOIL PREP SYSTEM



1 Cutting Coulters



The 12" spaced notched 20" dia. straight coulters are mounted on a hydraulically actuated rockshaft, using shims on the hydraulic cylinders to set the operational depth relative to the openers. Rubber torsion elements transfer the force necessary to cut heavy straw, yet offer shock absorption when encountering rocks or other obstacles. The coulters are mounted in line with the shanks, but can be oriented to cut between the shank rows if required.

2 Hydraulic Trips



Three rows of 12" spaced heavy-duty hydraulic shanks can be adjusted up to 1,000 lb. of trip force, and locked out completely if required. Can be equipped for NH_3 application and air kits for both 6000 and 7000 Series air seeders are now available for granular fertilizer application.

 **SPS360**
SOIL PREP SYSTEM



The frame of the SPS 360 is incredibly strong and weighted to ensure effective and consistent penetration not only in the spring, but also in the fall when soils can be particularly hard. The frame is constructed with heavy wall tubing and components that will take the weight and the higher operating speeds required for a great field finish.

3 Harrow Sections



The harrows are mounted directly behind the trips to level out the soil clumps and residue. The parallel linkage harrow arm design keeps the gangs level as height is adjusted. The SPS 360 is available with 3-bar heavy-duty harrows equipped with $\frac{1}{2}$ " x 20" tines, or 4-bar standard harrows with $\frac{7}{16}$ " x 16" tines.

4 Rolling Baskets



The rolling baskets break up lumps and firm the soil, leaving it ready for seeding. The 14" diameter rolling baskets consist of eight 1" diameter rods on a spiral profile, and provide best results at $7\frac{1}{2}$ - $8\frac{1}{2}$ m.p.h. The convenient hydraulic control allows the operator to adjust the down force in the field, as well as to lift the baskets up completely if not required.

SPS360 Soil Prep System SPECIFICATIONS

*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*

MODEL	SPS360-40	SPS360-50	General Specifications:
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No. of Sections	3	3 op./5 trans
Working Widths	40'	50'
Frame Widths		
Main Frame	17'4"	17'4"
Inner Wing	10'10"	7'10"
Outer Wing	-	8'0"
Transport Width (max)	24'8"	25'10"
Implements Raised		
(with Hydraulic Trips)	22'0"	23'3"
Transport Height	16'6"	15'10"
Frame Depth	14'10"	14'10"
Weight		
Complete Unit	40,000 lb	47,000 lb
Tires		
Main Frame	16.5L x 16.1FI (4)	16.5L x 16.1FI (4)
Inner Wing	21.5L x 16.1	-
Outer Wing	-	21.5L x 16.1SL (4)
Main Frame Casters	21.5L x 16.1SL (2)	21.5L x 16.1SL (2)
Inner Wing Casters	21.5L x 16.1SL (2)	-
Outer Wing Casters	-	21.5L x 16.1SL (2)

Trip Assemblies	
Hydraulic Spring Trip	1" x 2" shank, 30" of frame to ground clearance, 12" of obstacle clearance
Wheel Standards	Rear walking tandem axles with tapered roller bearings Front leg type caster wheels for easy tire removal
Safety Chain & Lights	Standard
Transport Locks	Standard
Row to Row Spacing	32" minimum
Cutting Coulters	20" diameter straight notched discs
Harrows	Optional 3 or 4 bar, spring tine
Finishing System	Cage style rolling basket with hydraulic packing force control
Hydraulic System	Superior quality master/slave, dual series Hydraulic in-line filter Double line lock/pressure reducing valve Slide action, single-point quick shift depth control
Shank Spacing	12" shank spacing with 36" min between adjacent shanks and 32" between frame rows
Front to Back Leveling	A-frame leveling screws, 14'2" between the caster wheels & walking axle pivot
Hitches	Two pull point hitch, Optional rear tow hitch

A red and yellow Case IH 8910 Cultivator is shown in a field, pulling a large implement. The machine is red with yellow accents and has multiple rows of disc and chisel blades. It is connected to a tractor (partially visible on the left) via a PTO. The background shows a field with rows of crops and a line of trees in the distance.

8910

CULTIVATOR

THE 8910 CULTIVATOR

VERSATILITY: SEEDING AND TILLAGE.

ADD
Value+

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.

► **Outstanding
DURABILITY**



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.

► **Configure Your 8910
FOR DIRECT SEEDING**

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.

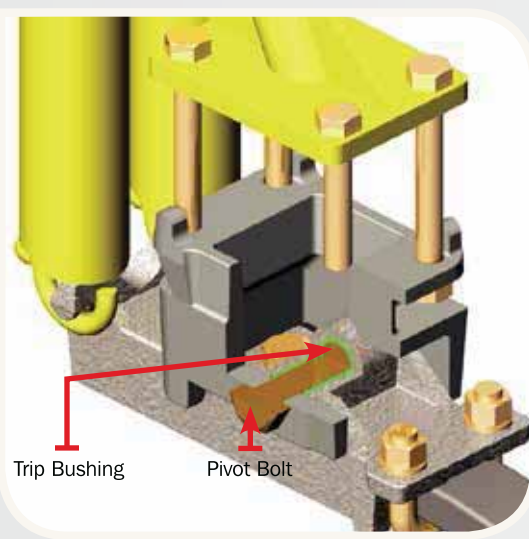


PURSUING PERFECTION

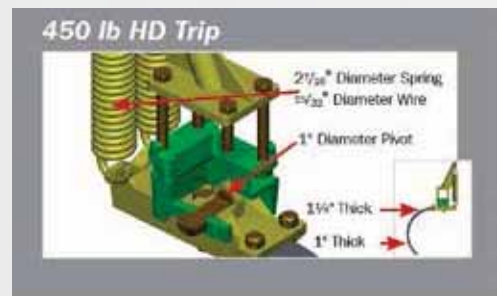
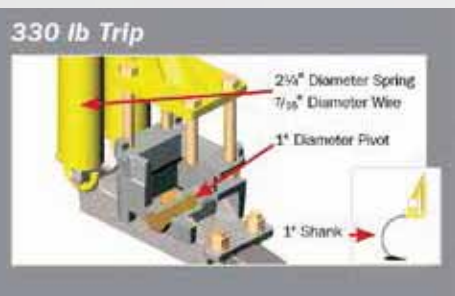
8910
CULTIVATOR



► Resilient TRIP ASSEMBLY PIVOT



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.*





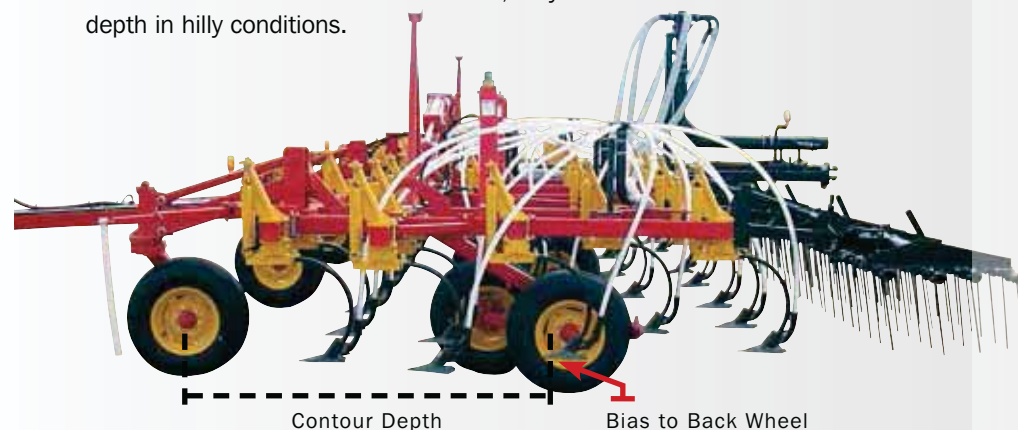
► The Bourgault Spring Trip Assembly A WIDE OPERATIONAL RANGE

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!

► Excellent RESIDUE CLEARANCE

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.



► Precise DEPTH CONTROL



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.

► Level WITH EASE

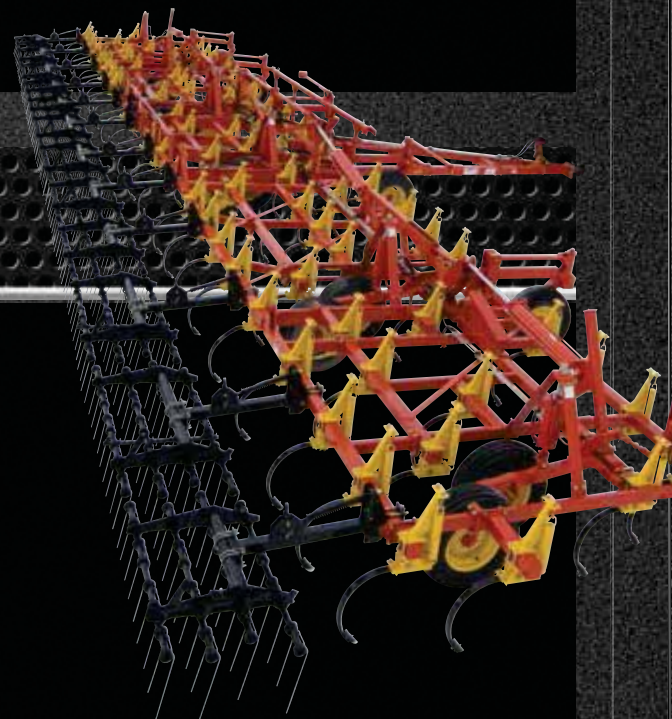


Levelling locations are easily accessed. Wrenches are provided for side-to-side adjustment at the top of the depth control cylinders and front-to-back adjustment at the screw jack between the in-frame running gear and caster wheel.

► Dependable HYDRAULIC SYSTEM

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.



MODELS	8910-30	8910-35	8910-48	8910-54	8910-70
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No. of Sections	3	3	5	5	5
No. of Rows	5	5	5	5	5
Working Widths					
8" spacing	29'3", 32'0"	36'0", 40'0"	48'0", 52'0"	58'8", 60'0"	n/a
10" spacing	30'0", 33'3"	35'0", 40'0"	50'0"	55'0", 60'0"	70'0"
12" spacing	30'0", 32'0"	36'0", 40'0"	48'0", 52'0"	56'0", 60'0"	70'0"
Frame Widths					
Main Frame	14'2"	14'2"	15'6"	15'6"	15'6"
Inner Wing	7'9"	10'6"	8'8"	11'3"	15'6"
Outer Wing			7'10"	8'4"	10'1"
Transport Width	18'6"	18'6"	25'1"	26'0"	25'9"
Maximum	13'4"	16'4"	14'4"	17'7"	20'4"
Transport Height*					
Weights (lb) estimates only (Base unit configured with 450 lb double spring trips.)					
8" spacing	11,600	13,100	18,900	21,200	n/a
10" spacing	11,000	12,200	17,900	19,500	22,300
12" spacing	10,600	11,800	17,000	18,700	21,300
<i>*Maximum height will vary with the type of openers/sweeps on shanks</i>					
Tires					
Main Frame	11Lx15FI (4)	11Lx15FI (4)	12.5x15FI (4)	12.5x15FI (4)	12.5x15FI (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)	12.5x15FI (2)
Inner Wing Casters	11Lx15FI (2)	11Lx15FI (2)	11Lx15FI (2)	11Lx15FI (2)	11Lx15FI (2)
Outer Wing Casters	-	-	11Lx15FI (2)	11Lx15FI (2)	11Lx15FI (2)

Note: 8910s are only compatible with 6000 Series air seeders only.

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

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

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

GENERAL SPECIFICATIONS

Wheel System Offset walking tandem axles under all frames.

Wheel Standards Walking Axles & Casters - triple-lip seals on 5,000 lb hubs / 48'-70' main frame walking axles - triple-lip seals on 6,000 lb hubs

Packer Options Optional poly-gang style, or poly-independent mounted packer wheels, or heavy-duty gang style (10" spacing only)

Mud Scrapers Optional fixed or spring-loaded style

Openers Quick-Change and Speed-Loc adapters are optional. Refer to BTT for optional openers.

Air Kits Single-Shoot, Double-Shoot and Granular Air Kits are available.

Blockage Monitors Optical Blockage Monitors available for secondary or tertiary lines.

Tine Mounted Harrows Optional 3 or 4 bar harrows.

Clearance

Frame to Ground 27"

Obstacle 11"

Row to Row Spacing 25" min.

Row Shank Spacing

8" Spacing 32" min.

10" Spacing 40" min.

12" Spacing 36" min.

Contour Depth 7'2" between the caster wheels and the walking axle pivot

Depth Control Hydraulic series rephasing cylinders, "Quick-Shift" depth control, Variable Depth/Precision Control Valve

Mid Row Banders Optional with NH₃, dry or liquid fertilizer tubes (not available on 70' units)

9500

FLOATING HITCH CHISEL PLOW (FHCP)



THE 9500 FLOATING HITCH CHISEL PLOW

**THE ULTIMATE IN
FLEXIBILITY AND DURABILITY.**



The 9500 Floating Hitch Chisel Plow (FHCP) is the result of over 40 years of tillage experience and R&D efforts at Bourgault.

A general increase in demand for tillage systems has spurred on the need for this larger and more capable chisel plow. The new 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.



PURSUING PERFECTION

9500
(FHCP)



9500

FLOATING HITCH CHISEL PLOW (FHCP)

► Enhanced DURABILITY.

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.

► Improved FLOTATION.

The walking axles 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 axles and dual 13.5 x15 caster wheel tires. On the wing sections larger 13.5x15 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.

► Better STABILITY.

To strike a balance between stability in transport and contourability in the field, the mainframe of the 9500 is deeper to locate walking axles 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.

SPECIFICATIONS

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

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

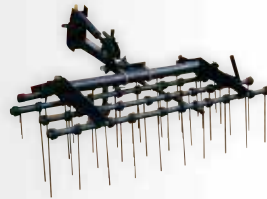
TILLAGE OPTIONS FOR BOURGAULT 8910 CULTIVATORS AND 9500 FHCP's

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 $\frac{7}{16}$ " x 16" long tines on a 2" overall spacing.
- ▶ Three Bar Heavy-Duty Harrows provide $\frac{1}{2}$ " x 20" long tines on a $2\frac{5}{8}$ " 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 $2\frac{1}{4}$ " and $3\frac{1}{2}$ " steel, 2" & 3" semi-pneumatic and $5\frac{1}{2}$ " wide pneumatic wheels. Mid Row Banders, or a weight kit is required to offset the weight of the packers.

XR770

eXtended RANGE HARROW



THE XR770 eXtended RANGE HARROW

eXtend YOUR HARROWING CAPABILITY.



The capability of the XR770 eXtended Range harrow (available in 70' and 90' working widths) eXtends beyond a traditional harrow, incorporating user-friendly features that deliver consistent residue management resulting in an even and smooth field finish.

The operational range provided by the new XR770 harrow design has eXtended performance in three 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!

See the XR770 in action on YouTube/BourgaultVideo



PURSUING PERFECTION

XR770
eXtended RANGE HARROW



► Adjustable Down Force ADF

The primary ground-breaking advancement that sets the XR770 apart from the competition is the development of the in-cab ADF - Adjustable Down Force system (patent pending). This design employs hydraulically controlled down force or up force to each harrow section resulting in a uniform field finish even when contouring to the extremes. ADF ensures that the down force of the harrow section:

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

► XR770 Harrow CONSTRUCTION

The XR770 employs an 8" x 8" fixed height frame design with 10 foot wide independent sections that are connected to the booms with parallel arms. Each section delivers 7 rows of effective harrowing capability with $\frac{1}{2}$ " x 22" tines with an effective 1.4" spacing across the XR770's width. This design combination has a superior ability to both contour, as well as leave a more even and smoother field finish than a traditional heavy harrow.

The XR770 also borrows proven features from the established 7200 Heavy Harrow. These features include the 7200's durably constructed cart, boom, auto-fold design and double acting cable design which gives the operator the benefits of a cable and a solid draw without any negative effects.



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

► Exceptional CONTOURABILITY.

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



► NEW Extend YOUR HARROW TINE WEAR LIFE.

Bourgault now offers a ½" x 22" (13 mm x 559 mm) tine option with carbide infused weld surfacing on the bottom 3" of the harrow tine face. Testing has shown this feature will double the life of the tine. Customers have the option of carbide on the front two rows, the highest wear areas, or all 7 rows.



XR770 eXtended Range Harrow SPECIFICATIONS

MODEL	XR770-70	XR770-90	General Specifications:	
Transport Length	51' 8"	61' 8"	Tires	Safety Chain, SMV Sign & Lights Standard
Transport Width	14' 10"	14' 10"	Main Frame - Standard 21.5 X 16.1 SL	Wheel Standards
Transport Height	13' 8"	13' 8"	Wings - Standard 13.5 X 15FI Dual	Cart Frame - Triple-lip seals on 6000 lb hubs
Weight	14,000 lb	16,750 lb	Tines Standard - ½" x 22"	Wing - Triple-lip seals on 5000 lb hubs
<small>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</small>			Tine Option Carbide Infused	Remotes Required
			Boom Clearance Fixed 28"	Three (Standard),
			Harrow Sections 10' wide, 7 bar sections	Four - With Optional Hydraulic Jack
			Main Boom Tubing 8" x 8" x 0.250" Wall	Tine Angle Control Standard Hydraulic, Adjustable from 45° to 90°

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.



Make tine angle, harrow down force and harrow angle adjustments on-the-go with the 7200 Heavy Harrow.

While other farmers using competitive units are either making straw piles, or are stopped and out of the cab trying to make manual adjustments, you are moving off to the next field, confident that your land is ready for seeding.

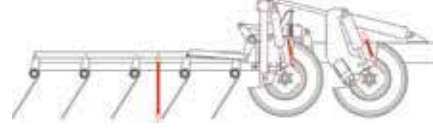
7200

HEAVY HARROW

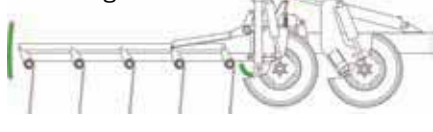
tine angle



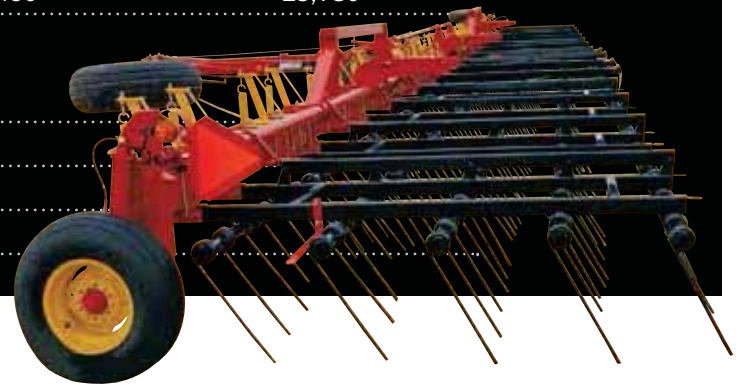
harrow down force



harrow angle



MODEL	7200-48	7200-60	7200-72	7200-84
Transport Length	40'5"	46'5"	52'5"	58'5"
Transport Width	14'2"	14'2"	14'2"	14'2"
Transport Height	11'	11'	11'	11'
Weight (lb)	8,360	10,350	12,450	13,780
Tires				
Main Frame	Standard 16.5L x 16.1, 6-ply main frame Optional 21.5 x 16.1, 10-ply			
Wings	11L x 15, FI C (Transport and End Wheel)			
Tines	Standard - 9/16" x 26", Optional (5/8" x 26" on 5 Rows)			
Tine Spacing	2.4" Effective Spacing			



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.

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.



**FIVE YEAR
LIMITED WARRANTY**



PURSUING PERFECTION

BOURGAULT WARRANTY

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

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.

YOUR LOCAL PROFESSIONAL BOURGAULT DEALER:



PURSUING PERFECTION