



Bourgault is breaking beyond the status quo with the launch of its 2021 model year offerings. We now get to share in this excitement with you, our customers! Our theme for this new model year is Breaking Barriers, which represents the profound advantages that these new Bourgault models are going to provide your farming operation.

This unprecedented lineup of new products is focused on increasing the Precision and Productivity on your farm. This Progressive new lineup of products consists of the 3330SE & 3335QDA ParaLink™ Hoe Drills, the addition of the 3820 ParaLink™ Coulter Drill, the complete new line-up of 8000 and 9000 Series Air Seeders, the amazing new Air Planter, and the new and improved XR751 and XR771 harrows.

Thank-you for taking the time to become familiar with this exciting lineup of equipment. The contents found in this catalogue are sure to provide outstanding value to your operation. At Bourgault, we are breaking farming barriers with industry shifting design that allows you to sow precisely, sow productively sow progressively.

SOW PRECISELY. SOW PRODUCTIVELY. SOW PROGRESSIVELY.

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by Gerry Bourgault, P. Eng.

We are proud to present you with our 2021 model year catalogue. As you go through the catalogue, it should become apparent that we have greatly expanded our product offerings. Some of these products have been in development for more than 5 years and others are the result of fairly recent ideas that were generated to provide Farmers with better tools to deal with the dry conditions that some regions have experienced over the past few years. This contrasts with the wet period that began in about 2005 when we focused our efforts on developing new features that allowed Farmers to better cope with overly wet conditions. Clearly, as farms are getting larger, in order to maximize their returns, Farmers need to be able to operate effectively over a wider range of conditions, as well as maximize their returns from their high priced seeds, high rates of fertilizer and other inputs. And when multiple units are working in the same field, they need to be able to coordinate the activities of these units. Thus, we have been working on multiple fronts to provide Farmers with the tools to operate more efficiently on a larger scale, but also to get better results in difficult years on those large scale farms.

In this catalogue, you will see the new 3820 Air Planter that provides for singulation of corn and soybeans on 20" or 24" row spacing while also allowing for the standard volumetric seeding on 10" or 12" rows in a one pass seeding and fertilizing system. You will also see Bourgault's "singulation metering" approach to seeding canola in a one pass seeding and fertilizing system. Other new features include the AccuSet™ Blue Tooth®, on-the-go remote seeding depth setting system; the "I2I" multiunit, communications system that allows for the live sharing of coverage information for multiple seeding units operating in the same field, and the 9000 I Series Air Seeders with its proprietary weight scale system design that provides accurate tank weights at all times. You will also see the new dual shank, ParaLink™ (PLDS™) opener equipped 3330SE and 3335QDA air hoe drills that are compatible with the TriMax™ Triple-Shooting system available on the 9950 and 91300 Air Seeders. Tripleshooting allows for depositing seed in a non-salt environment, which can provide for the fastest emergence; the side-banding of non-mobile nutrients such as phosphate, for early plant access; and mid row banding of nitrogen based products that eliminates plant mortality due to nitrogen

toxicity and also prevents the interruptions in plant development and the corresponding maturity delays that can occur with high rates of side-banded nitrogen.

These are but some of the examples of the new products that Bourgault has invested in developing over the past five years that you will find in this new catalogue, all coming to fruition at this time. Bourgault is an innovation driven company that is committed to building the most advanced, highest quality and most durable farm implements on the planet. We believe the new products found in this catalogue will open up new opportunities for Farmers to reduce their costs, achieve better results in most years, and achieve substantially better results in the difficult years. Ultimately, it is the Farmer who determines the success of the farm and not the equipment that he uses. It is his knowledge, skill, and judgment plus his effort that provides for the best result given the conditions that occur during the farming season. However, we believe that our products can play an important role in helping the farmer achieve the best possible results each and every year. ■



BE-80

Drills

SOW PRECISELY. SOW PRODUCTIVELY. SOW PROGRESSIVELY.

"Accuracy", "Robustness" and "Safety" would not be characteristics that you would typically combine to describe a product.

However, when it comes to seeding equipment this winning combination of attributes is precisely why Bourgault Hoe Drills have been the best sellers in their respective North American markets for over 20 years. The feature-rich Bourgault Hoe Drills are market leaders that produce accurate and safe seed placement on a platform that is built to withstand the test of time. Likewise, Bourgault Coulter Drills bring these same attributes to the disk drill market.

For 2021, the New 3820 ParaLink Coulter Drill represents an exciting and purely better version of the competition.

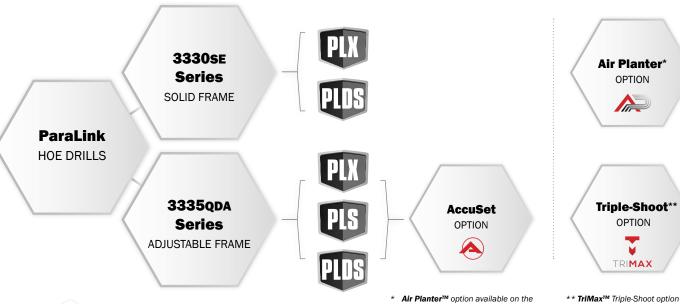


3330se & 3335qda

ParaLink[™] Hoe Drills / Air Planter[™] Option

Bourgault Seeding Technology

Breaking Barriers with Each Generation



3330SE-76 & 3335QDA-76 PHDs only

** **TriMax™** Triple-Shoot option available on the 3330SE & 3335QDA (66', 76', 80' & 86') equipped with PLDS Openers

Bourgault is proud to introduce the 3rd generation of the highly successful ParaLink™ Hoe Drill.

Updated frame designs with an expanded range of options ensure that there is a PHD model suited for your particular seeding requirements.

Frame Options

Opener Options

3330SE Standard Edition Series

The proven solid frame design provides a traditional approach of adjusting seed depth strictly at the opener level. This platform offers two opener options for an effective independent seeding unit.







ParaLink™ Dual Shank Opener

3335QDA Quick Depth Adjust Series

The 3335QDA Series offers the unique ability for independent seeding systems to adjust seeding depth quickly and easily. This feature is available with all three ParaLink[™] Opener options. The 3335QDA Series offers choice and convenience.



ParaLink™ Xtreme Opener



ParaLink™ Single Opener



ParaLink™ Dual Shank Opener

AccuSet™



Breakthrough Technology for QDA Seeding Systems

- The 3335QDA (Quick Depth Adjust) allows you to quickly and accurately change the seed depth by adjusting the height of the drill frame.
- And now, with the addition of the advanced "AccuSet" depth adjustment technology, you can set your seeding depth "on-thego" to address changes in field conditions.

3335QDA	Quick Depth Adjust	AccuSet™
PLX	N/A	Standard
PLS	Standard	Optional
PLDS	Standard	Optional



3330se & 3335qda

ParaLink™ Hoe Drills (PHDs)



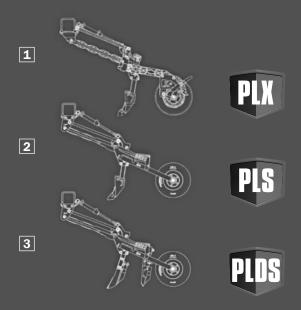


Two Frames Better Choices Driven by Performance & Durability.

Built on a 3-row, 5" x 5" platform, Bourgault independent hoe drill frames are extremely robust. ParaLinkTM Hoe Drills have evolved into two distinct series:

- **1** the 3330sE Series that incorporates a solid frame, and,
- **2** the 3335QDA Series that incorporates the quick depth adjust frame.

Since its inception, the ParaLinkTM Hoe Drill has become renowned for its exceptional design and strength. The 3330SE and 3335QDA Series frames are even stronger with trussing on the inner wings of the 60 / 66 / 76 models. This latest evolution of PHDs further eclipses the competition and this is backed by an industry-leading 5 year frame warranty. ParaLinkTM Hoe Drills not only have extremely durable frames, they are also available with the Hi-FlotationTM tire option on models that are 60' and wider (see page 70 for more Hi-FlotationTM information).



Three Seed Opener Options

Bourgault offers three different seed opener options:

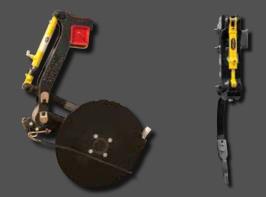
- **1** the ParaLinkTM Xtreme (PLX),
- 2 the ParaLink™ Single (PLS), and,
- **3** the ParaLinkTM Dual Shank (PLDS).

Each option delivers specific characteristics to meet the varying needs of Producers. Despite the distinct characteristics of each design, all three options incorporate the proven parallel link design to maintain consistent opener presentation to the soil during the seeding operation.

PLS and PLDS Interchangeability.

The PLS[™] and PLDS[™] Openers share the same platform, supporting conversion capability. This increased flexibility is appealing as farming practices change, or when trading in on a new or buying a used ParaLink[™] Drill.

Note: The PLS can be converted to a PLDS Opener. The PLDS Opener can be converted to a PLS Opener.



Two Fertilizer Banding Options

To safely place toxic fertilizer away from the seed, the PHD (with either PLS or PLX Openers) can be equipped with optional Mid Row Bander® Fertilizer Applicators, or Mid Row Shank™ Fertilizer Applicators (see pages 62-67 for details). ParaLink™ Dual Shank Opener Drills, sizes 66' and up, can be equipped with optional Mid Row Bander® Fertilizer Applicators to deliver TriMax™ Triple-shoot capability.







ParaLinkTM **Openers**



The ParaLink™ Xtreme Opener (PLX)

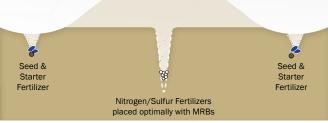
Close Contouring for Precise Placement.

The PLX Opener is the choice of Operators challenged with variable field topography.

The precision 1:1 contour ratio means that for every inch that the packer wheel moves vertically, the seed opener moves the same distance of 1 inch. This, along with the closer positioning of the seed opener to the packer wheel, maintains the set seeding depth more closely over hills and through runs.

PLX EQUIPPED WITH MRBIII

Typical Soil Profile







The ParaLink™ Single Opener (PLS)

Consistent Results in Variable Conditions.

The PLS™ Opener is highly consistent in many different soil conditions that Farmers have to face.

A 2:1 Contour Ratio - for every inch that the packer wheel moves vertically, the seed opener moves ½", this contour ratio has a dampening effect between the packer wheel and opener that reduces the effects of a rough field finish or higher seeding speeds.

PLS EQUIPPED WITH MRBIII

Typical Soil Profile



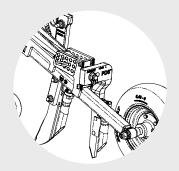


ParaLinkTM **Openers** (cont'd)



Note: the PLDS Opener option is available in 12" spacing only.

The result is improved furrow development and more precise seed and fertilizer placement when compared to competitive dual shank openers. Just like competitive dual knife units, the PLDS™ Opener will not guarantee adequate seed to fertilizer separation in all conditions. This close seed to fertilizer proximity can result in reduced emergence, especially with higher nitrogen fertilizer rates in dry seeding conditions. The horizontal knife-to-knife distance of the PLDS™ Opener can be easily adjusted for increased separation, however, this adjustment will further increase seedbed disturbance and reduce residue clearance. The solution is to combine Mid Row Bander® Fertilizer Applicators and the new TriMax™ triple-shoot delivery system with the PLDS™ Opener to eliminate the risk of seed damage from toxic fertilizer, common to dual knife openers.



The seed knife is factory set to deposit 3/4" above and 11/2" to the side of the fertilizer knife. The PLDS allows you to adjust the seed opener in relation to the fertilizer.

Vertical up to $\pm -1\frac{1}{2}$ "

Horizontal 1½", 2", 2½", & 3"

PLDS Opener - Double-Shoot

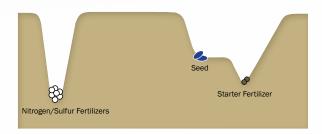
Typical Soil Profile



Note: the fertilizer knife operates on a 2:1 ratio.

PLDS TriMax™

Triple-shoot with MRBs® and TriMax $^{\rm TM}$ distribution Typical Soil Profile



** **TriMax™** Triple-Shoot option available on the 3330SE & 3335QDA (66', 76', 80' & 86') equipped with PLDS Openers





3330SE & 3335QDA Series

Common Features



■ Packer Options

- For optimum results, it is critical to match your opener with the right packer wheel. (Please note that these are general guidelines and may not suit specific requirements for every operation.)
 - 4.5" V-Style Semi-Pneumatic provides a more aggressive, narrow profile with excellent mud shedding characteristics and is commonly used with narrow openers (¾" to 2").
 Not available with PLDS Openers.
 - 4.5" Semi-Pneumatic presents a wide, rounded packing profile and is typically matched with a ³/₄" to 2" wide opener and the PLDS Opener.
 - 5.4" Semi-Pneumatic The 5.4" semipneumatic provides a wide, rounded packing profile and is typically matched with a 2" to 3" wide opener and is suited for the PLDS Opener.

■ Fertilizer Application Options

MRB® option (see page 62) and MRS[™] option (see page 66)

■ Opener Selection (PLS & PLX)

- The ParaLink™ Seed Opener maintains a consistent presentation of the seed opener tip to soil flow, regardless of its position. This feature allows you to select the seed opener tip that works best for your conditions and farming techniques.
- PLS A wide range of opener widths and designs are available from third party vendors.
- PLX Bourgault recommends using narrow seed knives with the PLX seeding system.

Note: while guidelines are provided to help achieve intended results, final opener selection and subsequent field performance is the responsibility of the opener manufacturer and the owner. Refer to detailed opener pages within the catalogue.

■ Opener Design (PLDS)

The ParaLink™ Dual Shank Opener is equipped with ½" wide fertilizer and seed knives, shielded with carbide inserts to ensure long life in regular operation. By incorporating the Bourgault ParaLink™ design, the forward fertilizer knife will maintain a consistent presentation to soil flow, minimizing changes in furrow profile as the opener contours on the field terrain. The fertilizer knife is designed to accommodate a dry product boot, liquid/NH₃ tube, or the combination of both.

■ Air Planter (AP) Option*

- When configured with the optional Air Planter™, a second seed delivery tube is added to the respective seed opener to accurately place singulated seed by the XP meter. Products like starter fertilizer or inoculant can still be placed through the standard air kit.
 - * APM option available on the 3330SE-76 & 3335QDA-76 PHDs only.

■ Drill Control

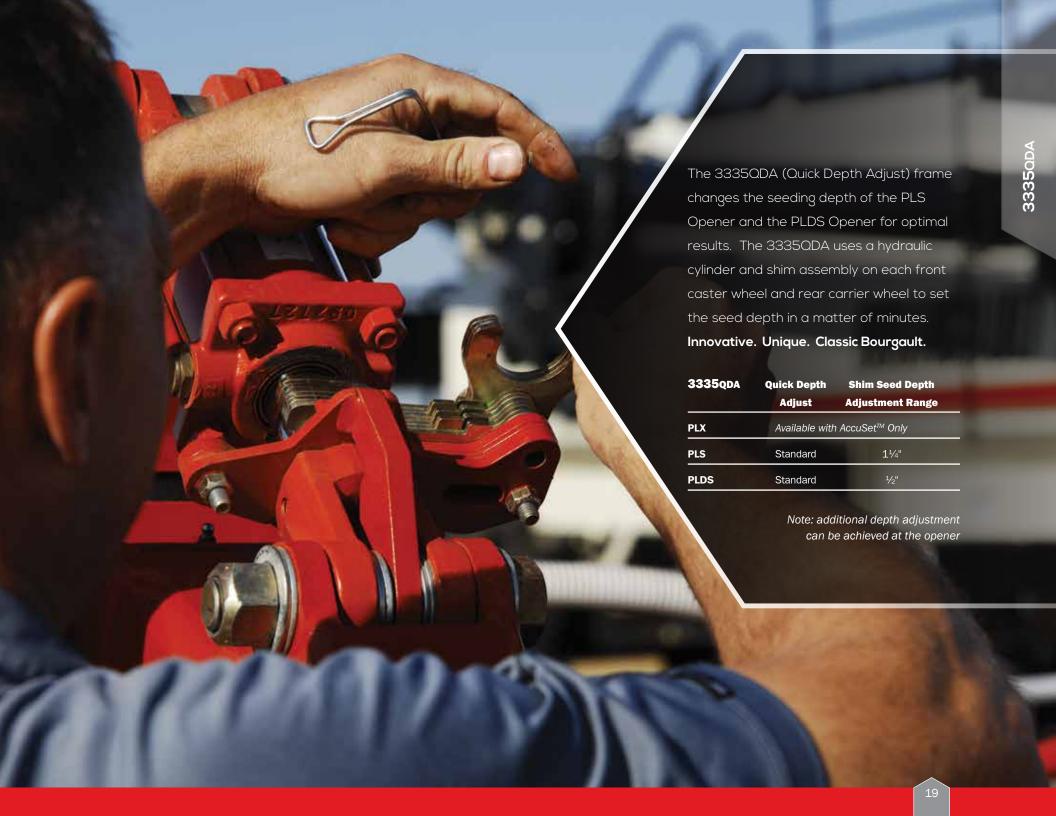
The X35 Apollo™ System offers LiftMaster™ and PackMaster™ drill control features that improve efficiency and field finish quality (see page 68).

■ Hi-Flotation™ Running Gear Option

 Reduce compaction & improve transportation with the Hi-Flotation (HF) option exclusive from Bourgault - see page 70 for details.

Hydraulic Hose Upgrade

 Hydraulic hoses connected to the openers are upgraded to a double braided abrasion resistant hose. The hose routings have also been upgraded for improved durability.



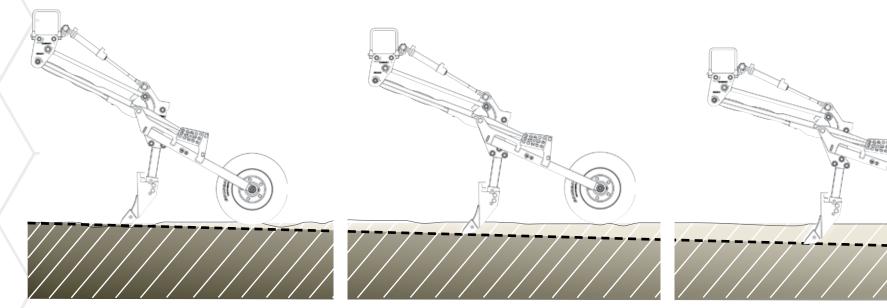


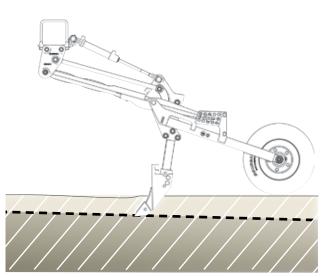


AccuSet[™]

Breakthrough Technology for Seeding

The hydraulic frame adjust 3335QDA Series is available with the ground-breaking AccuSet[™] on-the-go seed depth adjustment option. Now you have the ability to adjust your seeding depth accurately, from the seat of the tractor, allowing you to seed into the moisture with ease.







dry soil



The AccuSet[™] design incorporates "smart" hydraulic cylinders. The 3335QDA frame depth control system has a smart hydraulic cylinder on each front caster wheel and rear carrier wheel. A simple, graphical interface allows the Operator to view and adjust seeding depth on-the-go.

Example - all fields present the challenge of variable moisture conditions. This is due to many factors including: seasonal precipitation, the topography of the field, as well as the variable soil composition. Regardless of the seasonal conditions, gravity dictates that soil moisture is typically more abundant in the lower lying regions than on the hill tops. In the dry years, this variation becomes even more exaggerated.

In the dry years, working to ensure that your seed accesses the moisture becomes increasingly paramount. With AccuSet™, you can "bump" the seeding depth down to reach moisture on the high spots and "bump" the depth up where moisture is above average.

3335QDA	AccuSet™ Depth Adjust	On-the-Go	
		Seed Depth	
		Adjustment Range	

PLX	standard	3/4"
PLS	optional	11/4"
PLDS	optional	1/2"

■ 3335QDA AccuSet[™] Adjustment

PLX Opener: with the standard AccuSet[™], the PLX Opener seeding depth and the MRB® or MRS fertilizer depth can be changed independently of each other. This can be achieved using a smartphone from the cab. Now that defines convenience!

PLS and PLDS* Openers: with the optional AccuSet[™] or the standard QDA seed depth change is efficient and convenient, however, setting the seed opener depth can change the MRB® or MRS[™] fertilizer depth by up to 2½". This change in fertilizer applicator depth should be noted and adjusted for if required.

* Caution: on the PLDS Opener any depth change at the seed opener will be doubled for the fertilizer knife affecting the separation between the seed and fertilizer.

AccuSet[™] Smartphone Interface



▲ PLX Opener



▲ PLS & PLDS



SPECIFICATIONS

MODELS	3330-30	3330/35-40	3330/35-50	3330/35-60	3330/35-66	3330/35-76	3330/35-80	3330/35-86
No. of Sections	3	3	5	5	5	5	5	5
No. of Rows	3	3	3	3	3	3	3	3
Working Widths								
10"	30'0"	40'0"	50'0"	60'0"	66'8"	76'8"	80'0"	86'8"
12"	30'0"	40'0"	52'0"	60'0"	68'0"	76'0"	80'0"	84'0"
Transport Width	16'1"	19'5"	20'10"	24'4"	24'6"	25'1"	29'3"	29'3"
Transport Height (max)	12'10"	16'7"	16'1"	15'9"	17'5"	18'9"	20'0"	20'0"
Weight (approx lb)								
10" w/ MRB	20,100	26,800	33,800	40,500	45,500	49,600	62,000	64,500
12" w/ MRB	18,700	25,000	31,000	37,200	41,850	45,500	59,500	61,000
Add approximately 7,500 lb to	o 60', 66', or 76' uni	t when the Hi-Flotatio	on running gear option	n is added. The excep	otions are the 80' and	l 86' where HF is star	ndard.	
Tires (non Hi-Flotation)								
Main Frame Front	11LX15FI	13.5LX15FI	13.5LX15FI	16.5LX16.1FI	16.5LX16.1FI	16.5LX16.1FI	N/A	N/A
Main Frame Rear	11LX15FI	13.5LX15FI	13.5LX15FI	13.5LX15FI	13.5LX15FI	13.5LX15FI	N/A	N/A
Inner Wing Front	11LX15FI	13.5LX15FI	13.5LX15FI	13.5LX15FI	13.5LX15FI	13.5LX15FI	N/A	N/A
Inner Wing Rear	11LX15FI	13.5LX15FI	13.5LX15FI	13.5LX15FI	13.5LX15FI	13.5LX15FI	N/A	N/A
Outer Wing Front	N/A	N/A	13.5LX15FI	13.5LX15FI	13.5LX15FI	13.5LX15FI	N/A	N/A
Outer Wing Rear	N/A	N/A	13.5LX15FI	13.5LX15FI	13.5LX15FI	13.5LX15FI	N/A	N/A
Tires (Hi-Flotation)								
Main Frame Front	N/A	N/A	N/A	800/65R32	800/65R32	800/65R32	800/65R32	800/65R32
Main Frame Rear	N/A	N/A	N/A	16.5LX16.1FI	16.5LX16.1FI	16.5LX16.1FI	16.5LX16.1FI	16.5LX16.1FI
Inner Wing Front	N/A	N/A	N/A	540/65R24	540/65R24	540/65R24	540/65R24	540/65R24
Inner Wing Rear	N/A	N/A	N/A	13.5LX15FI	13.5LX15FI	13.5LX15FI	13.5LX15FI	13.5LX15FI
Outer Wing Front	N/A	N/A	N/A	540/65R24	540/65R24	540/65R24	540/65R24	540/65R24
Outer Wing Rear	N/A	N/A	N/A	13.5LX15FI	13.5LX15FI	13.5LX15FI	13.5LX15FI	13.5LX15FI

Note: the PLDS Opener option is available in 12" spacing only.

GENERAL SPECIFICATIONS	
Packer Options	4.5" V-Tread Semi-Pneumatic 4.5" Round Semi-Pneumatic 5.4" Round Semi-Pneumatic
Trip Assembly Travel	PLS, PLDS: + or - 6" PLX: + or - 8"
Depth Adjustment	PLS, PLDS: 1/6" increments, (0 to 21/2" range) / PLX: 1/4" increments
Front to Rear Wheel	Without MRB III - 172", with MRB III - 194", with MRB III and HF option - 222"
Rear Drop Hitch (optional)	For pulling liquid or NH ₃ tanks with lower hitch pull points
Air Planter Option	Available on 3330SE-76 and 3335QDA-76 only
TriMax Triple-Shoot Option	Available on the 3330SE & 3335QDA (66', 76', 80', & 86') equipped with PLDS Openers
MRB III	Optional MRBs for optimal seed to fertilizer separation

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

MRS III

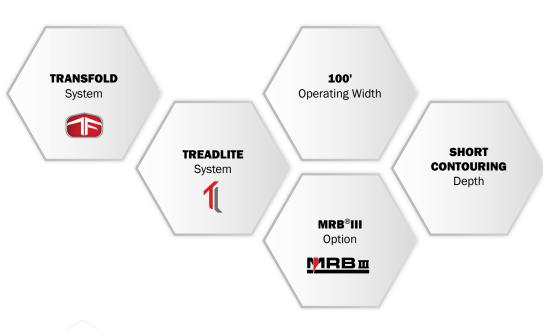
Every effort has been made to ensure that the information is accurate/current at the time of production. For the latest product information check out our website at: www.bourgault.com

Optional MRS III (hydraulic mid row shank) available on 10" and 12" spacing



3420 PHD: 80 / 100

Big Productivity, Small Transport Size









The TransFold™ System

Outstanding Transform-Ability.

For those Operators looking for the independent seeding capability and productivity of a large ParaLink[™] Hoe Drill, but requiring a small transport size, the 3420 PHD[™] fits the bill.

Available in 80' & 100' working widths, the 3420 PHD™ transforms into an equally impressive 18'3" wide by 16'6" high transport size. The development of the revolutionary TransFold™ System, guided by the X35 Apollo™ System, steps the Operator through each stage of the process to make each fold a simple and issue-free experience!

Watch the TransFoldTM drill unfold at YouTube Channel BourgaultVideo.

■ Excellent Contouring!

The rear in-frame running gear for the 3420 PHD™ is positioned in line with the second row of seed openers reducing the frame weight on the front caster wheels and resulting in the wheel base being 60% shorter than the 3320 PHD™. This short contouring depth allows the 3420 to deliver highly accurate seed placement even in hilly terrain.

■ Reduced Transport Stress

With the 3420 PHD[™], moving your seeding operation from one location to the next is stress-free. The generous number of wheels (14 for the 3420-100 and 10 for the 3420-80) positioned under the drill during transport spreads the load of this large drill, reducing the chance of "losing it" on a soft shoulder. The narrow transport profile greatly improves road safety and reduces stress, and the low transport height avoids the danger of running into overhead obstacles such as power lines. The TransFold™ System design also provides the ability to turn the back transport wheels so that the drill and tank can easily corner around road intersections and into approaches. Not only does the narrow transport profile make transportation become less of an issue, it also makes storage of a valuable investment easier.



3420 PHD Features & Options

Tires, Packers & Openers

■ The TreadLite[™] System

Despite its size, the 3420 ParaLink™ Hoe Drill offers surprisingly good flotation, with 22 tires on the ground for the 3420-100 and 16 for the 3420-80 to ensure good flotation and minimal compaction in the field. Flotation is managed evenly over the entire width of the drill thanks to the innovative TreadLite™ system. Two, 21.5 x 16.1SL wheels distribute the greater weight of the main frame sections and rear tow hitch more evenly across the entire frame. The force on the TreadLite™ wheels is limited hydraulically, so contour depth is not adversely affected.



APPLICATOR OPTIONS

See pages 62-66 for fertilizer applicator options.



PACKER OPTIONS

are available to suit your individual requirements.

For additional information on the different packer options see page 18.

OPENER OPTIONS

are available to suit your individual requirements.

For additional information on the different packer options see page 18.







Drill **Options**

■ Drill Control PACKMASTER™ & LIFTMASTER™

The X35 Apollo™ System offers PackMaster™ and LiftMaster™, two features that improve both efficiency and field finish quality. The PackMaster™ option achieves uniform packing pressure while seeding by hydraulically responding to varying field conditions, while LiftMaster™ enables automatic lifting of the openers at the field headlands.

See page 68-69 for additional information on $PackMaster^{TM}$ and $LiftMaster^{TM}$.

3420 PHD SPECIFICATIONS

3420-80	3420-100	
4	6	
80'0"	100'0" 100'0"	
18'3"	18'3"	
58'11"	69'	
16'6"	16'6"	
62,000 lb 58,800 lb	75,000 lb	
128"	128"	
380/55R22.5 (2) 21.5x16.1SL (2) 500/40R16.5 (4) N/A N/A 21.5x16.1SL (2) 380/55R16.5 (4) 21.5x16.1SL (2) 380/55R16.5 (1)	380/55R22.5 (2) 21.5x16.1SL (2) 500/40R16.5 (4) 21.5x16.1SL (2) 380/55R16.5 (4) 21.5x16.1SL (2) 380/55R16.5 (4) 21.5x16.1SL (2) 380/55R16.5 (1)	
4.5" V-style Semi-Pneumatic / 4.5" Round Semi-Pneumatic / 5.4" Round Semi-Pneumatic		
128"		
PLX Opener with Pin Adjustment PHD with Quick Depth Adjust		
	4 80'0" 80'0" 18'3" 58'11" 16'6" 62,000 lb 58,800 lb 128" 380/55R22.5 (2) 21.5x16.1SL (2) 500/40R16.5 (4) N/A N/A 21.5x16.1SL (2) 380/55R16.5 (4) 21.5x16.1SL (2) 380/55R16.5 (1) 4.5" V-style Semi-Pneumati / 5.4" Round Semi-Pneumat 128" PLX Opener with Pin Adjustr	

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

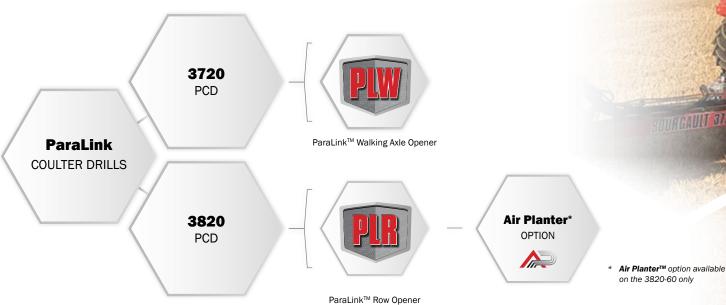
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3720 PCD & 3820 PCD

Paral ink™ Coulter Drill ParaLink™ Coulter Drill / Air Planter™ Option

A Cut Above the Rest





on the 3820-60 only

3720 PCD: 30 / 40 / 50 / 60 / 70 **3820 PCD:** 30 / 40 / 50 / 60 / 70

Bourgault expands the coulter drill lineup in 2021 by adding the new 3820 Series ParaLink™ Coulter Drill alongside the popular 3720 Series ParaLink™ Coulter Drill. Sharing the same frame construction and operating widths, each series offers specific benefits to suit the needs of an expanding group of coulter drill growers.





3720 PCD & 3820 PCD

ParaLink™ Coulter Drills

A Choice for Every Farmer

Bourgault breaks the barrier on size by offering coulter drills on 30 to 70 foot working widths and seed row spacing options of 7½", 10" and 12". The Bourgault PCD™ is available with a hydraulic lockout option allowing the Operator to easily configure the drill into 15", 20" or 24" row spacing respectively.

Expect the highest degree of durability with a robust frame construction that makes competitors green with envy. The heavier built Bourgault 2-row, 5 x 5 inch frame achieves superior penetration where other units ride up.

Size and effectiveness deliver unprecedented seeding efficiency for your operation.

ParaLink™ Coulter Drill

Models

Opener

3720 PCD

 $\mathsf{ParaLink}^\mathsf{TM}$ $\mathsf{Coulter}$ Drill

The renowned ParaLink[™] Walking Axle Opener (PLW[™]) on the 3720 provides the platform for low disturbance seeding accuracy.



ParaLink™ Walking Axle Opener



Low Disturbance eXact
Placement Scraper
(standard)



Disk Wing Scraper (option)



The 3720 PCD

The popularity of the 3720 has grown steadily since its introduction in 2015. Since that time, it has been providing Operators a distinct advantage with seed depth consistency and seedbed quality with a coulter-based implement.





PARALLEL WALKING AXLE DESIGN

Cuts Vertical Movement in Half

The PLW[™] Opener balances seed depth control between the packer and cleaner wheels. The walking axle design splits the opener downforce, one third at the cleaner wheel and two thirds at the packer wheel during typical operation. When obstacles, or last season's furrows are encountered, the vertical movement of the coulter is reduced by approximately half due to the walking axle motion, resulting in unprecedented seed depth consistency.

When additional packing force is required, or when there is concern of the cleaner wheel pulverizing the soil, you have the option to lock the cleaner wheel up so that the packer wheel applies 100% packing and sets the opener depth alone.



COMPOUND ANGLE

Enhances Cutting Action

The coulter is set on a 5 degree lateral and 10 degree vertical compound angle to enhance cutting action. With the 3720 PCD you will experience less hair-pinning than with competitor's units and the ability to penetrate even the hardest soils.





■ On-The-Go HYDRAULIC CONTROL (standard)

The packing pressure on each individual opener can be conveniently set on-the-go with the 415 control box allowing you to adjust the packer wheel downforce on each seed row from 70 to 230 lb*.



Note: if you choose the PackMasterTM option, the 415 control box is eliminated with all of the control being done through the X35 ApolloTM System.

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

■ Drill Control PACKMASTER™ & LIFTMASTER™

- PackMaster™ (optional with X35 Apollo™ System) automatically achieves uniform packing pressure and provides a more consistent seed depth (for additional information see page 68-69).
- ▶ LiftMasterTM (standard with the X35 ApolloTM System) provides automatic lifting and lowering of the openers at the field headlands reducing Operator fatigue (for additional information see page 69).

3720 PCD Scraper Options



The LDx[™] Scraper

Low Disturbance Seed Placement

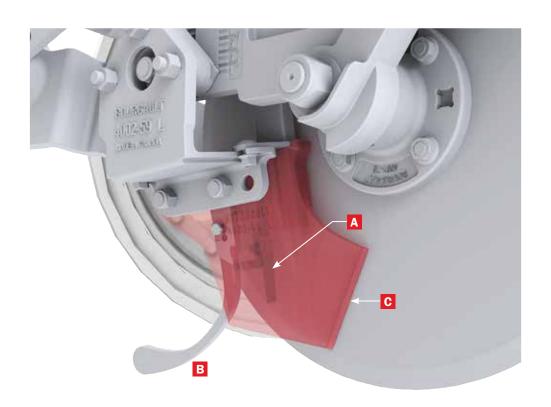
If retaining precious moisture for quick germination is your primary goal, the 3720 PCD PLWTM Opener with the LDxTM Scraper is your best choice. It has a very narrow profile resulting in minimal soil disturbance and is ideally positioned to direct product to the bottom of the furrow.





The 4½" Double-Shoulder Offset Packer Wheel

is effective at closing the soil flap to achieve excellent seed to soil contact.



- A A flexible *forward finger*, located on the disk side of the scraper, helps dampen the speed of the product and directs it to the bottom of the disk cut.
- **B** The *trailing firmer* presses seed down into the moist seedbed.
- **C** The carbide scraping edge ensures the longest life.



DISK WING™ (dw) Scraper Option

Seed Safely in Heavy Residue

The $Disk\ Wing^{TM}\ Scraper$ option is designed to address a typical challenge of coulter drills in a one pass operation - hair-pinning.

If hair-pinning does occur, it will be in the disk furrow where the fertilizer is placed. Field finish is comparable to that of a hoe drill.

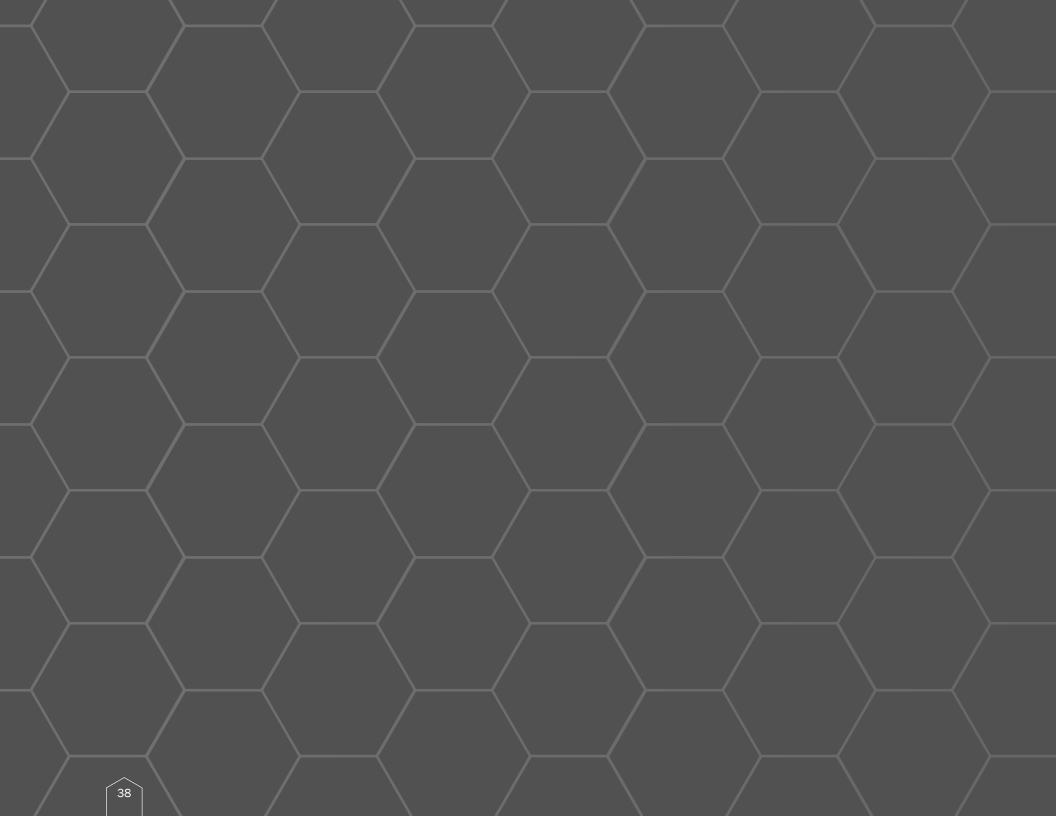




The 4½" Double-Shoulder
Semi-Pneumatic Packer Wheel
is highly effective when combined
with the Disk Wing™ Scraper.



- A A discharge port on the wing of the scraper deposits the seed to the side of the furrow.
- **B** A second discharge port directs starter fertilizer to the bottom of the furrow, providing separation from the seed.



ParaLink™ Coulter Drill

Models

Opener

3820 PCD

ParaLink[™] Coulter Drill

The ParaLink[™] Row Opener (PLR[™]) on the 3820 provides a new platform for the revolutionary Air Planter[™] Product Delivery System. For the first time, you have the ability to seed and plant with the same implement!



ParaLink™ Row Opener



* **Air Planter™** option available on the 3820-60 only

The 3820 PCD

The **3820 ParaLink[™] Coulter Drill** is unique in the marketplace as it is the first seed drill that can also be configured for planting! Equip the 3820 with the Bourgault Air Planter[™] Seed Delivery System to achieve both seeding and planting with the same implement.



3820 PCD ROW SPACING Options

SEED ON: $7\frac{1}{2}$ ", 10", or 12" row spacing (available with hydraulic opener lockouts which allows only half the openers to be engaged in the soil. This keeps the inactive openers out of action when seeding on wide rows, or for seeding on 15", 20", or 24" rows respectively.)



See page 54 for additional information on the optional AP^{TM} System.



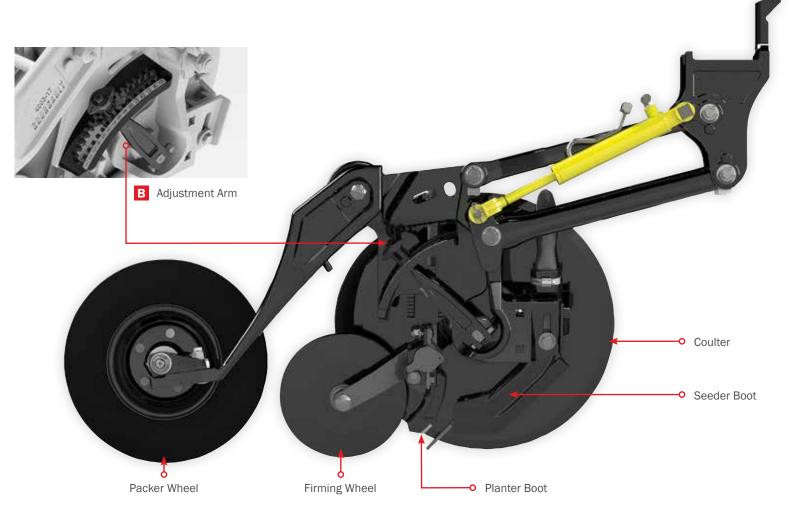
3820 PCD AP™ ROW SPACING Options

PLANT ON: 15", 20", or 24" row crop spacing (add optional split-row adapters to accommodate 7½", 10", or 12" seed rows.) Note: AP option available on 3820-60 PCD only.



The 3820 PCD PLR Opener

The **PLR Opener** is the heart of the new 3820 Series, which is designed to work in conjunction with the positive pressure Air Planter™ Product Delivery System option. The same opener is also compatible with the proven PDM Pro™ Metering Auger and air seeder kit to provide accurate and consistent seed placement for cereals, pulses and oil seed crops.





Simple Packer Setting

Packing pressure can be adjusted from 90 to 180 lb per wheel. This is set by adjusting the tension on the coil spring mounted on the packer arm.

SEED DEPTH CONSISTENCY

The parallel arms, in conjunction with the outside cleaner gauge wheel, maintain extremely accurate seeding depth in all terrain conditions.

- A The gauge wheel is positioned directly in-line with the planter boot and seeder boot, on the opposite side of the coulter, for optimal seed depth accuracy.
- **B** An adjustment arm controls the gauge wheel position by moving the locking knob to a different setting.
- **C** The coulter is set on 7° lateral and 10° vertical compound angles to ensure effective soil penetration and consistent seed placement, regardless of the soil conditions.

A *load sensor*, situated on the gauge wheel of a centrally located opener, maintains the seed depth for the 3820 PCD. This gauge wheel load sensor is monitored by the X35 Apollo™ System so consistent and positive pressure is detected. If the gauge wheel load changes, the hydraulic pressure adjusts automatically so that the set downforce is maintained. The opener position remains consistent for accurate seeding depth in variable soil conditions.

DRILL CONTROL

In addition to the load sensing gauge wheel to achieve consistent accurate seed depth, the 3820 features LiftMaster. LiftMaster™ provides automatic lifting and lowering of the openers at the field headlands reducing Operator fatigue.

See page 68-69 for more details on drill control.



The 3820 PCD

APTM Configuration



The furrow is first opened by the seeder boot pressed against the inside of the disk.



The eXact Placement (XP^{TM}) Meter from the Air PlanterTM Distribution System employs positive pressure to direct seed to the Air PlanterTM planter boot. The seed exits at a set velocity and angle to meet the soil at the bottom of the furrow just in front of the firming wheel. Captured between the wheel and the soil, seed spacing is maintained while it is pressed into the moist soil at the bottom of the furrow.



The packer wheel follows behind the firming wheel to pack the loose soil that has filled the furrow to create a beneficial environment for quick and even germination.



Fertilizer Option - A valuable option available to 3820 Air Planter™ Operators is the ability to include dry or liquid fertilizer in the seed row.

Dry starter fertilizer can be directed through the air seeder kit to the seeder boot, and liquid fertilizer can be directed through the front of the planter boot.









The 3820 PCD

Configuration

When operating as a traditional air coulter drill, product from the air seeder kit exits the seeder boot and is directed to the bottom of the furrow with a plastic seed retainer, eliminating the opportunity for seed bounce. The seed is then pressed into the seedbed by the firming wheel, ensuring excellent seed-to-soil contact.



The 3720 PCD & 3820 PCD

Common Features



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 fertilizer input investment is working to increase your profit margin.

Note: refer to specifications for MRB® availability on specific models.

(cont'd on page 46)





The 3720 PCD & 3820 PCD

Common Features (cont'd from page 45)



The parallel arm design provides both accuracy and consistency in varying field conditions. The parallel link design prevents the angle of the seed boot from changing as it contours over the field surface. This feature maintains a consistent soil flow and optimum seed placement, resulting in more uniform emergence, even in challenging field conditions (the PLW Opener travel is 16"; PLR Opener travel is 20").



Superior coulters for longer life - Bourgault Independent Coulter Drills are equipped with $20\frac{1}{2}$ " diameter by .197" thick boron steel coulters. The outer zone has exceptional hardness for a 20% longer life than standard coulters, but allows flexibility around the hub.



Two cleaner wheel options are available. 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.



To maximize durability, the parallel arm pivots are equipped with greasable 1" diameter needle bearings, with seals and hardened and plated forged pins.









3720 PCD & 3820 PCD SPECIFICATIONS

MODELS	3720/3820-30	3720/3820-40	3720/3820-50	3720/3820-60	3720/3820-70
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 12" spacing	30'0" 30'0"	40'0" 40'0"	50'0" 52'0"	60'0" 60'0"	70'0" 72'0"
Transport Height (max)	13'1"	15'3"	14'0"	17'5"	18'7"
Weight (Ib) estimates only - with standard running gear 7.5" w/ MRB®III 7.5" w/o MRB®III 10" w/ MRB®III 10" w/o MRB®III 12" w/o MRB®III 12" w/o MRB®III Add for Center HF	N/A 25,300 26,200 22,100 23,900 20,300 N/A	39,000 32,500 33,600 28,200 31,000 26,200	52,000 43,600 45,500 38,400 42,000 35,800 N/A	N/A 49,000 51,000 42,800 47,000 40,000 5,900	N/A N/A 65,000 55,700 60,100 52,000 Included Above
Add for Full HF	N/A	N/A	N/A	7,750	1,850
Front MF Wheels	Double-walking casters standard on all main frames except 3720/3820-70 Hi-Flotation centre option available on 3720/3820-60, standard on 3720/3820-70				
Rear MF Wheels	Hi-Flotation rear option available on 3720/3820-60 and 3720/3820-50, standard on 3720/3820-70				
Front Wheels (wings)	Double-walking casters standard on inner & outer wings except 3720/3820-30 (single only) Hi-Flotation full option available on 3720/3820-60 and 3720/3820-70				

3720 PCD Specifications		3820 PCD Specifications		
Packing Force	70-230 lb (walking configuration) 100-330 lb (locked configuration)	Packing Force	90-180 lb	
Opener Assembly Travel	16"	Opener Assembly Travel	20"	
Opener Depth Adjustment	Pin-style, ¹ / ₄ " increments (4" total adjustment)	Opener Depth Adjustment	Slot-style, ½" increments (3½" total adjustment)	
Packer Options	4.5" semi-pneumatic double-shoulder, 4.5" semi-pneumatic double offset shoulder	Packer Options	4.5" semi-pneumatic V-style, 4.5" semi-pneumatic double offset shoulder	
Cleaner Wheel Options	3" wide spoked wheel, 4.5" wide spoked wheel	Cleaner Wheel Options	3" wide spoked wheel, 4.5" wide spoked wheel	
Air Kits	Single-shoot, double-shoot	Air Kits	Single-shoot or double-shoot	

General Specifications			
Opener Row Spacing	7.5", 10", 12"		
Trip Assembly	Independent depth control with in-cab adjustable trip force		
Row to Row Spacing	66"		
Rear Drop Hitch	For pulling liquid or NH ₃ tanks with (optional) lower hitch pull points		
MRB [®] III	Optional MRB [®] III - hydraulically actuated		

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

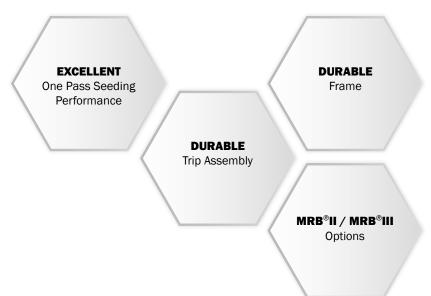
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For the latest product information check out our website at: www.bourgault.com



5810 AHD: 32 / 42 / 52 / 62 / 72

Proven Seeding Technology



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 Design A DEPENDABLE HISTORY

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

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

Double-shoot openers cannot guarantee seed and fertilizer separation in all conditions. Equip your 5810 AHD with seed-only openers and Bourgault MRBs[®] to achieve consistently better seeding results in a one pass operation.



450 lb HD SPRING TRIP

▶ best option for heavy clay



330 Ib HD SPRING TRIP

best option for most seeding requirements and stony field conditions



The 5810 Air Hoe Drill

Optimize to Suit Your Conditions

Optimize for Varying Seasonal and Soil Conditions

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

Packer Options

STEEL WHEEL (21½" in diameter) Best for dry conditions where aggressive packing is required.

- ▶ Choice of 21/4", 31/2" and 41/2" 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

(201/2" in diameter)

Adjust inflation pressure 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!

■ Additional Benefits and Options

- Great Flotation Large caster wheels minimize the ground pressure resulting in low compaction, very good transport handling ability, as well as adequate flotation in wet conditions.
- Add MRBs for Guaranteed Seed to Fertilizer Separation Optimally placed on the front row to cut through residue, the hydraulically actuated MRB®III nitrogen and sulfur applicators create optimal seed to fertilizer proximity for nutrient uptake.
- Achieve a Consistent Seedbed With Precise Levelling The 5810's easy-to-access levelling adjustments lets you accurately level your entire 5810 using one standardized procedure getting you into the field faster. Adjustment wrenches are provided. Detailed instructions are located near the point of adjustment.
- Robust Design & Construction Guarantees Uniform Soil Penetration The 5810 frame features strong 4" x 4" ranks sandwiched between continuous members running on both the top and bottom of the full depth of the frame. This ensures that the drill's weight and working force is transferred efficiently guaranteeing uniform soil penetration.



5810 AHD SPECIFICATIONS

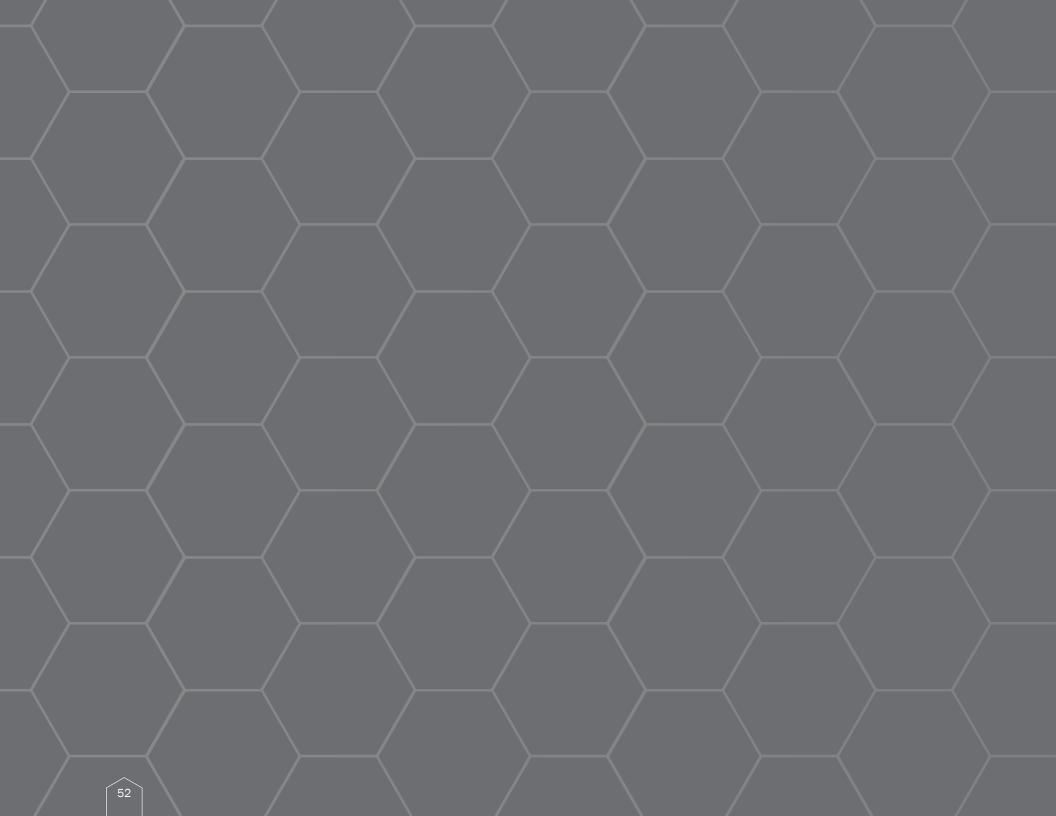
MODELS	5810-32	5810-42	5810-52	5810-62	5810-72
No. of Sections	3	3	5	5	5 op./7 trans.
No. of Rows w/o MRB® w/ MRB®	4 3	4 3	4 3	4 3	5 4
Working Widths 9.8" Spacing 12.6" Spacing	32'8" 33'7"	42'6" 42'0"	52'3" 54'7"	62'1" 63'0"	71'10" 73'6"
Transport Widths	22'3"	22'3"	23'8"	24'0"	23'5"
Transport Height (max)	12'8"	17'6"	16'1"	17'11"	18'11"
Weight (Ib) estimates only - 9.8" Spacing w/ MRB® 9.8" Spacing w/o MRB® 12.6" Spacing w/ MRB® 12.6" Spacing w/o MRB®	25,000 22,500 23,600 21,600	28,250 25,000 26,000 23,500	36,000 32,000 33,750 30,500	40,500 35,700 38,150 34,400	48,800 43,300 45,200 40,600
Tires Main Frame Casters Inner Wing Casters (double-walking) Inner Wing Casters (double) Outer Wing Casters (double-walking) Outer Wing Casters (double) Rear Transport Wheels	13.5L x 15FI 13.5L x 15FI 11L x 15FI N/A N/A 13.5L x 15FI	13.5L x 15FI 13.5L x 15FI 11L x 15FI N/A N/A 13.5L x 15FI	13.5L x 15FI 13.5L x 15FI 11L x 15FI 13.5L x 15FI 11L x 15FI 13.5L x 15FI	13.5L x 15FI 13.5L x 15FI 11L x 15FI 13.5L x 15FI 11L x 15FI 13.5L x 15FI	16.5L x 16.1Fl 13.5L x 15Fl N/A 13.5L x 15Fl N/A 13.5L x 15Fl

General Specifications				
Spacing	9.8" & 12.6"	Wing Casters	Dual rigid (all sizes except 72'), or dual walking (all sizes)	
Packer Options	Steel - 2½", 3½", 4½" / Rubber - 3", 4" / Pneumatic - 5½"	Trip Assemblies	330 lb - 1" x 2" shank	
Openers	Quick-Change adapters optional— refer to BTT for opener options		450 lb - 1½" x 2" tapered to 1" x 2" at the opener attachment location	
Seed Boots	Standard or wide spread seed boot available	MRBs	Optional on 12.6" & 9.8" spacings with NH ₃ ,	
Air Kits	Single-shoot & double-shoot		dry, or liquid fertilizer tubes	
Blockage Monitors	Optical blockage monitors available for secondary air lines.	MRS III	Optional MRS III (<i>Hydraulic Mid Row Shank</i>) available on 12.6" spacing	

* 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



Bourgault Drills Features & Options

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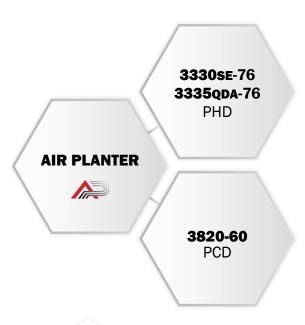
Air Planter

AP™ OPTION compatible with: 3330sE-76 PHD / 3335QDA-76 PHD / 3820-60 PCD paired with a Trailing 9950 or 91300 Series Air Seeder

Seed or Plant with One System

Rethinking Possibility:

A Paradigm Shift in Sowing Capability



The innovative **Bourgault Air Planter™**Breaks all Barriers for 2021.

The Air Planter[™] (AP[™]) is not a machine per se, but rather an integrated option for a Bourgault seeding system that provides the ability to seed or plant in a one pass operation.









The Bulk Fill System How it Works.

The Air Planter[™] has a
Bulk Fill System that transfers
seed from the air seeder to
the XP[™] Meters located on the
frame of the drill.

Other than an extra fan, the Bulk Fill System uses no moving parts to gently transfer seed to the XPTM Meters. The singulated seed is closely counted by the sensor at the exit of each XPTM Meter, displaying the performance of each run on the Apollo Monitor. Even small seeds, like canola, are precisely counted with 99.9% accuracy. This allows the Operator to immediately investigate any abnormal performance issues such as skips, doubles or plugs.



XP™ Meter Reservoirs When the reservoirs on the XP™ Meters

are full, the column of seed prevents

further air and seed flow.



The air flow in the primary bulk fill line draws the seed out of the tank and transfers it to the tower inductor, located on the drill.





The Air PlanterTM Bulk Fill Distribution System attaches to the bottom of the PDM Pro^{TM} metering auger sumps. When a specific tank is designated for planting, seed is directed to flow through the PDM Pro^{TM} sump into the air seeder inductor (instead of metering it).

Note: The remaining air seeder tanks that are being used for fertilizing will have the sump plates closed and the PDM Pro[™] Auger will meter the product to the openers or Mid Row Bander® Fertilizer Applicators.







The Bourgault electrically-driven XP™ (eXact Placement) Meters use positive air pressure to hold the seed on to the planter plate and to distribute the singulated seed to the openers of the respective coulter drill or hoe drill. The air pressure delivery maintains full control of the seed all the way down to the soil, so the effects of gravity and rough and hilly fields are not an issue for the accuracy of the Air Planter™. The electric meter drives are controlled independently through the Topcon Apollo System to provide turn compensation and eliminate overlap at the headlands.

XP Meter Basic Operation Overview

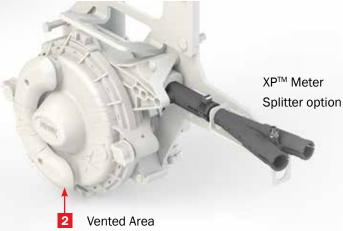
- Seed moves from the XP Meter Reservoir to the base of the meter and forms a seed pool.
- 2 The positive air pressure of the XP[™] Meter allows the rotating seed plate to 'pick-up' seed from the seed pool within the vented area of the meter.
- As seed exits the vented area it is entrained into the seedtube air stream, for placement in the soil by the opener.

For additional details and specifications on the operation of the eXact Placement Meter refer to the Bourgault website.

■ Specifics

- ▶ The Air Planter™ System can be accommodated on a variety of configurations with the XP™ Meters available on 15", 20", 24" spacings. The Bulk Fill System can transfer seed from two tanks plus the Saddle Tank™ on a 9000 Series Air Seeder. For 2021, the XP™ Meters will have plates available to singulate corn, soybeans and canola with additional plates becoming available for various row crops as required.
- ▶ An optional splitter is available for the XP[™] Meters to feed two 7.5" rows, 10" rows or 12" rows if seeding on narrower row spacing is desired, such as with canola. More uniform seed distribution can be achieved from row to row and within a row in comparison to conventional volumetric seeding when using this optional splitter.

Metering canola addresses the high cost of seed establishing true plant population, i.e. plants/acre vs lb/acre, allowing you to make every seed count.



Seeds pool at base



The XP™ Metering System

Thorough performance testing and comparisons to competitive vacuum and other pressure planter units has shown that the XP Meter's performance metrics are at the forefront in terms of seed to seed spacing accuracy, as well as very low seed skips and doubles, which makes every kernel and seed count.

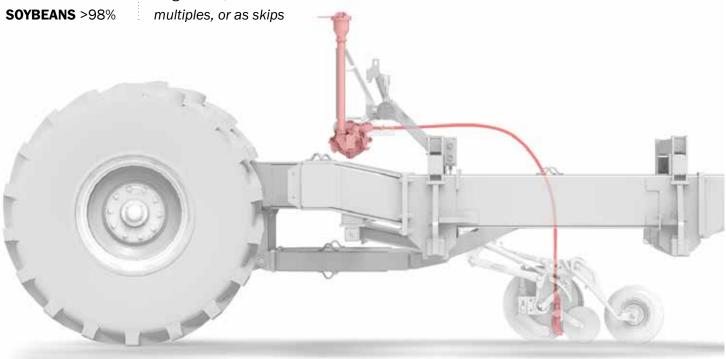
XP™ Meter Singulation Performance

CANOLA >97%

CORN >99%

SOYBEANS >98%

Singulation performance is the percentage of seeds released as a single seed, i.e. 99% means that 1% of the seeds were released as





■ The Benefits of Big

The professional broad acre Operator knows that bigger is more productive. Although Bourgault seeding systems with MRB® Fertilizer Applicators minimize soil disturbance allowing for the highest operating speeds in a one pass operation, to get the job done and done right, a wide tool bar and moderate seeding speeds are a must. This is the basic formula required to generate excellent seed placement, seed depth and seed to soil contact and ultimately excellent emergence while maintaining productivity.

When planting, precise results are even more paramount, this is where the wide and sturdy Bourgault drill platforms have a big advantage as a planting system. Small garden variety planters simply are not made for high residue, direct planting in rougher field conditions. With the Bourgault Air Planter platform you extend the XPs metering accuracy to the furrow obtaining the best results in no-till and low disturbance, high residue planting conditions, while maintaining excellent emergence and productivity.

To see more information on the Air Planter's™ coulter and hoe ground engagement openers refer to the 3820 PCD and 3330sE/3335QDA sections.

Fertilizer Application

Mid Row Bander® Fertilizer Application System Option

Optimal Seed to Fertilizer Placement

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





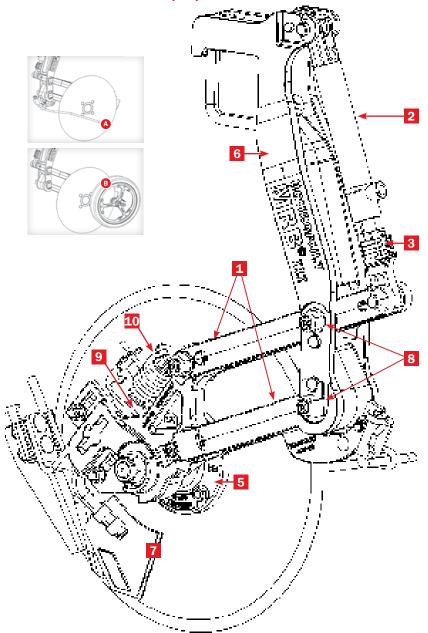


Mid Row Bander® Fertilizer Applicators

■ Mid Row Bander® Fertilizer Applicators:

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

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



■ The Mechanics

Mid Row Bander[®] Fertilizer Applicators are designed, tested and built to the level of quality and user-friendliness that is the hallmark of all Bourgault products.

INGENUITY

- **1** Parallel Link Arrangement the MRB® body is mounted on parallel arms for a consistent disk attack angle and fertilizer 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 = $\frac{1}{2}$ " depth). Extra shims are stored on the top mounting pin for convenient access.

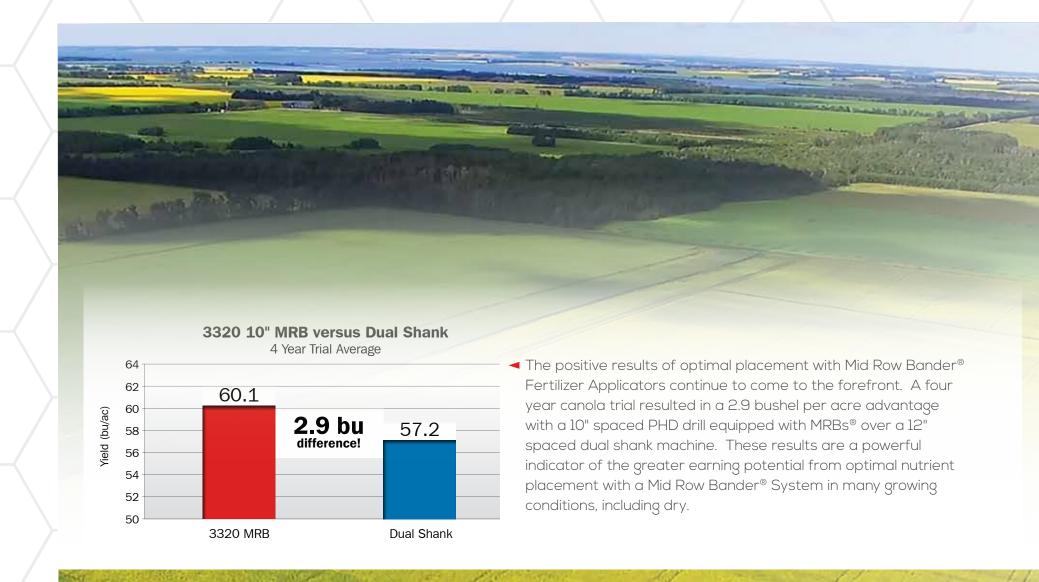
DURABILITY

- 4 Long Wearing Coulter (Niaux 200 Disks) the large 20-½" diameter single bevel boron steel coulter is set at a 4.5° angle to open the soil just enough to deposit the fertilizer. Boron steel disks provide excellent wear (20% increase in wear life over a standard coulter) and flexing characteristics.
- **5** Double-Tapered Roller Bearing Hub expect a long service life with the high capacity hub and spindle assembly. A triple-lip seal protects the hub bearing and allows you to over-grease without seal damage. The bolt-on hub and spindle can be quickly removed for exchange or service.

- 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° arms pivot on greasable 1" diameter sealed needle bearings with a 250 hour service interval.
- 9 Scraper Position Adjustment the position of the scraper relative to the edge of the disk can be adjusted in fine 1/8" increments to ensure optimal operation even as the disk wears.
 - Scraper Pressure Adjustment the pressure of the carbide scraper on the disk 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 disk to help keep it clean. If you require less soil disturbance, or find certain residue becomes plugged in the tine, the retaining wheel B utilizes a torsion spring to provide downforce running alongside the disk, keeping it clean while holding down the soil adjacent to the groove made by the coulter.







■ The Mid Row Shank[™] Fertilizer Applicators

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 ParaLink[™] Hoe Drills equipped with either PLX or PLS Openers with 10" or 12" spacing and 5810 Air Hoe Drills with 12.6" spacing.

For the 2021 Model year, Bourgault has several technologies that combine to make a very special and effective drill. We have configured the following:

- 1 The 3335QDA drill with
- 2 Mid Row Shank IIIs,
- 3 AccuSet[™] Depth Technology, and,
- 4 PLX Openers.

With AccuSetTM Depth Technology, the PLX Opener seeding depth, and the MRS III fertilizer depth can be changed independently from each other, from your smart phone or tablet inside the tractor cab. This configuration provides Operators with the convenience of on-the-go depth change of the Mid Row Shanks which are mounted to the front row of the drill, as well as on-the-go seed depth change of the PLX Seed Openers.

Low maintenance, ultra-easy depth change and excellent land following characteristics combine to produce this very exciting seeding system.

■ The Momentary Isolation Switch

To further aid the ability to seed in wet conditions, a Momentary Isolation Switch is optional for Mid Row Bander® equipped 3330sE and 3335QDA PHDs and standard for PHDs equipped with Mid Row Shanks. If the drill begins to bog down, the Operator can activate the Momentary Isolation Switch to lift the Mid Row Banders® and broadcast the dry fertilizer (leaving the seed openers in the ground) which temporarily reduces the amount of draft. The Momentary Isolation Switch feature allows 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 $_{\rm 3}$ are not recommended due to the gassing off.



Drill Control

The X35 Apollo™ System offers two different drill control features to improve efficiency and field finish quality.

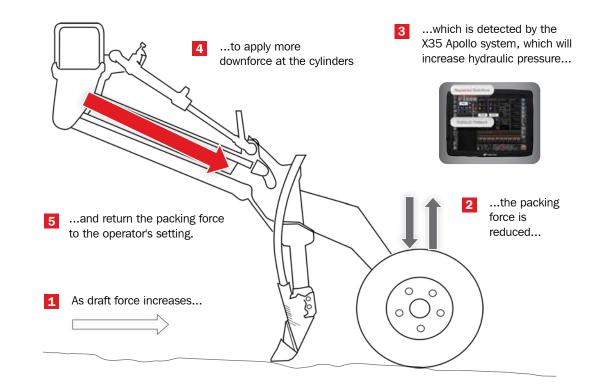
A

PackMaster™ (option)

How it Works

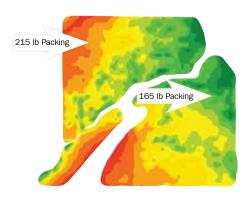
Normally when seeding, the hydraulic pressure in the opener cylinder is constant, but the draft force changes as soil characteristics change. As the draft force on the opener increases, the packing force will inevitably decrease since both the trip force and packing pressure is controlled by the same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

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



Topographical Map Showing Soil/Packing Variance Without PackMaster™

If this field had been seeded with opener down pressure set at a static 1200 psi, the packing force would have varied by 50 lb which would have resulted in over-packing the light soil and underpacking the heavy soil.



The PackMaster[™] Option achieves a uniform packing force by hydraulically responding to varying field conditions.

B LiftMaster™ (standard)

Farmers can remove one more operation when turning at the end of the field. LiftMaster $^{\text{TM}}$ provides automatic lifting and lowering of the openers at the field headlands. This eliminates one more tedious operation at a time when many things are going at once.

PackMasterTM is optional and LiftMasterTM is standard on systems consisting of a ParaLinkTM hoe or coulter drill mated to an air seeder equipped with the X35 Apollo System. Retrofit kits are available for all previous Bourgault ParaLinkTM hoe and coulter drills mated to an air seeder equipped with the X35 or X30 Apollo system (2015 and newer).





Available on all 60' and larger ParaLink™ drills

Expand Your Seeding Window

The HF^{TM} option allows you to get into 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 late season frosts. Also, HF provides you with confidence when traversing challenging or restrictive terrain such as soft and narrow roads.



Wide Front & Back Tires Float You Through Wet Spots

The large, 800/65R32 front main frame tires provide 65% more surface area than dual $16.5L \times 16.1$ tires. The 540/65R24 singles on the inner and outer wing front caster wheels increase the surface area by 27% over dual $13.5L \times 15$ tires. Also, the rear mainframe tires are upgraded to $16.5L \times 16.1$ from $13.5L \times 15$. 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 soft field conditions. Not only does this help keep your front wheels rolling instead of sinking, it also reduces draft and compaction in all field conditions.



■ Effectively Manage Turns with HF's Wagon-Style Steering

Transport safety is improved with the Hi-Flotation option. Traveling with these large drills on rough, soft, or narrow roads becomes far less of a challenge. The wagon-style hitch on the HF option provides superior tracking and safer handling in transport when negotiating narrow back roads and approaches.





Air Seeders

SOW PRECISELY. SOW PRODUCTIVELY. SOW PROGRESSIVELY.

The increase in productivity appreciated from an air delivery system to distribute seed and fertilizer from a central storage tank to the seed drill opener has totally revolutionized broad acre farming practices. In this process Bourgault has led the way with many innovative features, combined with straight forward operation and durability that is second to none. Bourgault has a reputation as 'The Air Seeder' in the industry. This transformation started with the model 138 in the 1980s and continues today. For 2021, Bourgault Air Seeders will again play an important role in improving broad acre practices with the 9000 I Series tanks equipped with individual tank scales and the TriMaxTM Triple-Shoot System.







Trailing Models: 8350 / 8450 / 8550 **Leading Models:** L8350 / L8450 / L8550

Three Sizes Trailing & Leading









Tanks

TANK SPLITS

The 8000 Series is available in 350 bu. 450 bu and 550 bu models, both in Trailing and Leading configurations.

8550 Trailing

165/110/110/165 bu

+ 20 bu Saddle Tank opt.



135/90/90/135 bu

+ 20 bu Saddle Tank opt.

8350 Trailing

140/70/140 bu

+ 20 bu Saddle Tank opt.







L8550 Leading

165/110/110/165 bu

+ 20 bu Saddle Tank opt.

L8450 Leading

135/90/90/135 bu

+ 20 bu Saddle Tank opt.

L8350 Leading

140/70/140 bu

+ 20 bu Saddle Tank opt.







■ The Saddle TankTM

On 8550 & 8450, Trailing or Leading

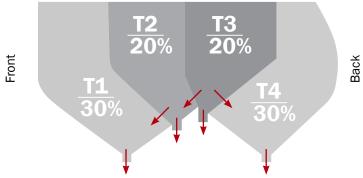
The Saddle Tank™ makes seeding bagged product such as canola or granular inoculant easy and convenient, as well as allows you to save larger compartments for higher volume products. Access to the 20 bu Saddle Tank™ is comfortable for manual handling of bagged products such as canola or inoculant. The handrail includes a swing gate for handy access from the back of a pickup.

Note: the X35 Apollo System is required for 5 tank metering.



■ The KNEXTM Integral Tank Design Industry-Leading Flexibility.

The Bourgault KNEX™ Integral Tank Design features inter-connecting ports between each of the tanks. You can fill the same product in up to three adjacent tanks and still use one PDM Pro™ Metering Auger to meter product into either the seed or fertilizer distribution system. Regardless of the product combination and rates, the flexible 8000 Series provides you with the most efficient use of the tank volume to minimize the number of fills.



Trailing 8550 Air Seeder shown.

8550 Configuration Example

Requirements	Tanks Combined	T1	T2	T3	T4
4 Products	none	165	110	110	165
3 Products	T2 with T1	275		110	165
3 Products	T2 with T3	165		220	165
2 Products	T2 with T1 & T3 with T4	275			275
2 Products	T3 & T2 with T4	165			385

Below are a few examples of common configurations:

8550 Mod	el E	XAMPLE	1 Canola	
Canola Seed	Saddle Tank	20 bu	5 lb/ac	200 ac
Urea	T1 + T2	275 bu	140 lb/ac	117 ac
Phosphate	T3	110 bu	50 lb/ac	160 ac
Sulfur	T4	165 bu	80 lb/ac	145 ac

8550 Mode	el	EXAMPLE	2 Wheat	
Wheat	T4	165 bu	1.5 lb/ac	110 ac
Urea	T1 + T2	275 bu	140 lb/ac	117 ac
Phosphate	T3	110 bu	50 lb/ac	160 ac

Please note that the the tank illustration above represents the KNEX tank flow for the trailing 8550 Air Seeder. For KNEX flow for the trailing 8450, leading L8550, please contact your Bourgault Dealer.



The 8000 Series Distribution Systems



■ The Straight-Through Primary Distribution System

The Straight-Through Primary Distribution System design offers the flexibility to conveniently direct product from any of the air seeder compartments into either the seed or MRB® fertilizer line when configured for double-shoot. Dedicated fans for each primary line ensure appropriate air volume, even for high application rates. Single-shoot distribution systems are also available for delivery to the seed boots only, or, in combination with a liquid or NH₃ application system.

■ Dual Auto Section Control

On 8550 and All 8000 Leading Models

▶ The Dual Auto Section Control option with the EvenStream Primary is available on the Trailing 8550 and all sizes of Leading air seeders.

■ PDM Pro[™] Metering

- The hydraulically driven PDM Pro[™] provides the highest degree of metering accuracy while still providing gentle seed handling. The PDM Pro[™] features a UHMW poly liner and orifice in addition to the UHMW flighting to minimize troublesome products sticking to critical metering components in humid conditions. Steel augers are available for abrasive, high rate products.
- 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.

■ Convenient Hydraulic Calibration

Set and check your rates in minutes with the hydraulic calibration feature. An on-tank control box allows you to charge the PDM Pro[™] Metering Auger and begin the calibration process without going back to the tractor cab to engage the metering drive. Incorporate the X35 Apollo[™] Xtend feature (page 98) to a smartphone or tablet and you can perform the entire calibration process without leaving the side of the air seeder!

■ Advanced Air Seeder Control with the X35 Apollo System

- Achieve unprecedented control of up to 6 products, as well as advanced seeding operations with the X35 Apollo™ System; operations such as:
 - Dual Auto Section Control,
 - Variable Rate Fertilizer Application,
 - PackMaster[™] and LiftMaster[™], and,
 - Implement-to-Implement Communication

Realize full rate control capabilities, accurate data management and time saving applications, all on a large, full color screen.

The ISO Apollo™ System operates in accordance with the ISO 11783 standard so that Farmers with tractors equipped with universal terminals have the option to monitor, calibrate and perform basic rate control functionality for up to 4 products without adding an additional screen in the tractor cab. For tractors without universal terminals, Bourgault offers the XD Apollo System, which provides full ISO monitoring capabilities and basic control features.

■ Controlled Traffic Capability

The 8000 Series is designed for controlled traffic with an optional 3 meter front axle on the trailing air seeders and high capacity rear single tire options available on all models.





Product Transfer Systems

■ Load Quickly & Effectively

Models 8550 & 8450 Leading & Trailing

The Deluxe 10" Diameter Load/ Unload Auger provides hydraulic control for positioning and returning to transport position. A horizontal hopper design enables the deluxe auger to work with belly-dump trailers.

 A Standard 10" Load/Unload Auger, with manual positioning and standard auger hopper, is also available.

Model 8350 Leading & Trailing

The Standard 8" Load/Unload Auger is equipped with manual positioning and a standard auger hopper.





■ The FillChute[™]

▶ Bourgault offers an optional FillChute[™] for units equipped with the Saddle Tank[™]. This handy feature directs product from the load/ unload auger into the Saddle Tank[™] when filling from a grain truck or bulk bags.

■ BagLift[™] System

Don't strain yourself by lugging seed bags or calibration pails up the tank stairs. The hydraulically powered bag lift option provides 440 lb of lifting capacity up to the catwalk. A hinged top rail provides safe and easy access when on the tank top. Available on units not equipped with the Saddle Tank™.





SPECIFICATIONS

	Trailing Models				Leading Models	
MODELS	8550	8450	8350	L8550	L8450	L8350
Total Tank Volume	550 bu	450 bu	350 bu	550 bu	450 bu	350 bu
with Saddle Tank	570 bu	470 bu	N/A	570 bu	470 bu	N/A
T1	165 bu	135 bu	140 bu	165 bu	135 bu	140 bu
T2	110 bu	90 bu	70 bu	110 bu	90 bu	70 bu
T3	110 bu	90 bu	140 bu	11 0 bu	90 bu	140 bu
T4	165 bu	135 bu	N/A	165 bu	135 bu	N/A
Saddle Tank (option)	20 bu	20 bu	N/A	20 bu	20 bu	N/A
Height (empty)						
Transport (handrail folded)	11'11"	11'11"	11'11"	11'11"	11'11"	11'11"
Field (top of handrail)	14'10"	14'10"	14'10"	14'10"	14'10"	14'10"
Overall Width (base single tires)	12'5"	12'5"	12'5"	12'5"	12'5"	12'5"
Wheel Base (Trailing only)	18'6"	16'4"	12'6"	N/A	N/A	N/A
Hitch Pin to L/U Auger	38'3"	33'9"	31'9"	36'3"	34'6"	31'6"
Hitch Pin to Rear Tow Hitch Pin	38'1"	35'11"	32'2"	31'3"	31'3"	27'6"
Front Tire Spacings (Trailing only - standard front axle)	5'	5'	5'	N/A	N/A	N/A
Front Tire Spacings (Trailing only - 3 m option)	9'11"	9'11"	9'11"	N/A	N/A	N/A
Rear Tire Spacings (single)	9'11"	9'11"	9'11"	9'11"	9'11"	9'11"
Rear Tire Spacings (inside dual - 650/70R34)	9'11"	9'11"	N/A	9'11"	9'11"	N/A
Rear Tire Spacings (outside dual - 650/70R34)	15'5"	15'5"	N/A	15'5"	15'5"	N/A

	Irailing Models			Leading Models		
MODELS	8550	8450	8350	L8550	L8450	L8350
Weight, (empty - single tires***)	20,000 lb	15,000 lb	11,000 lb	17,000 lb	14,000 lb	10,000 lb
Loaded Hitch Weight, (Leading units)	N/A	N/A	N/A	9,000 lb	9,000 lb	6,500 lb
Load/Unloading Augers	10" Standard, or, 10" Deluxe	10" Standard, or, 10" Deluxe	8" Standard	10" Standard, or, 10" Deluxe	10" Standard, or, 10" Deluxe	8" Standard
Load/Unloading Augers Load Rate (max)	70 bu/min Standard 85 bu/min Deluxe	70 bu/min Standard 85 bu/min Deluxe	30 bu/min	70 bu/min Standard 85 bu/min Deluxe	70 bu/min Standard 85 bu/min Deluxe	30 bu/min
Tire Options						
Front Axle	28L x 26 LSW750/60R30	540/65R24	21.5 x 16.1 540/65R24	N/A	N/A	N/A
Rear Axle	IF710/70R38CF0 650/70R34 (Duals) 800/65R32 (Duals)	30.5L x 32 IF710/70R38CF0 650/70R34 (<i>Duals</i>)	28L x 26	IF710/70R38CF0 650/70R34 (Duals) 800/65R32 (Duals)	30.5L x 32 (Single) IF710/70R38CF0 650/70R34 (Duals)	28L x 26 30.5L x 32

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

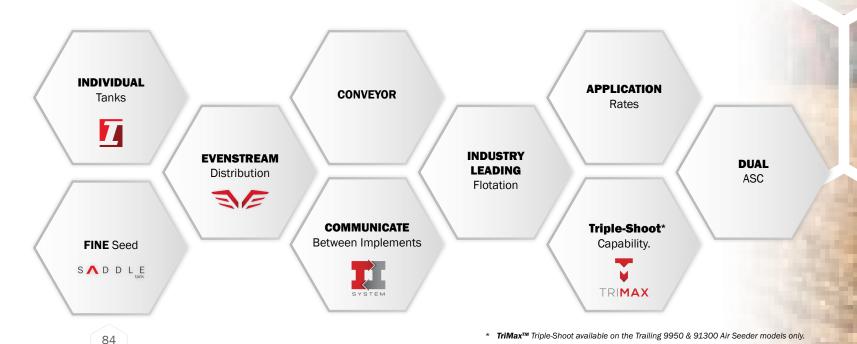
Every effort has been made to ensure that the information is accurate/current at the time of production. For the latest product information check out our website at: www.bourgault.com





Trailing Models: 9650 / 9950 / 91300 **Leading Models:** L9650 / L9950

Optimize for Success







Individual Tanks - I Series Air Seeder

■ On-the-Go Application Rates

- Each model has four main individual tanks mounted on three load cells to establish accurate application rate readings on-thego. The advantage of 3 load cells is more accurate readings on uneven ground while seeding due to the triangulating effect that removes induced errors from frame torsion.
- Alarms will notify the Operator if issues such as density changes, mechanical failures, blockages, etc. affect the application rate.
- The 9000 I Series allows you to efficiently seed your fields without running empty or being left with extra product. If product levels are slightly high or low near the end of the field, the Operator can revise application rate(s) so that the air seeder is empty when the field is finished.

■ Bigger and Better Saddle Tank[™] and Storage Platform

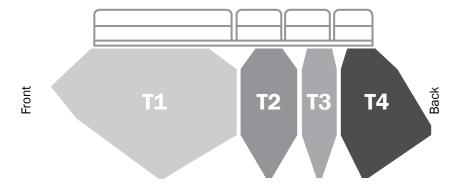
- Further your seeding capability and capacity with the optional Saddle Tank (5th tank). The Saddle Tank™ makes seeding bagged product, such as canola or granular inoculant, as easy as possible. The load-cell equipped Saddle Tank™ has a generous 44 bu capacity so that you can load two minibulk bags, even when the tank is not quite empty. The lid is set at an optimum level to provide convenient access when using small bags.
- The conveniently placed Storage Platform is located adjacent to the Saddle Tank[™] to store an extra pallet or minibulk bag of product for your next fill. With the Saddle Tank[™] and Storage Platform you can get serious about seeding productivity.



"The individual tank scales allowed me to watch and compare prescribed rates vs actual and make subtle adjustments on-the-fly, not just calibrating when filling or switching fields or products."

JASON FRIESEN, WATSON, SK, L9950





▲ Trailing 9950 Tank Split

■ Tank Sizes and Tank Splits Optimized for Productivity

The individual four tanks of the 9000 I Series are available with total capacities of 650, 950 and 1300 bushels in trailing models.
As well, two Leading units: at 650 bushels and a new industry-best 950 bushels round out the lineup. The NEW Leading L9950 will give many Producers the ability to seed a ¼ section of land with one tank fill. Plus, you can increase your capacity with the canola-friendly Saddle Tank! The 9000 Series are truly designed to maximize productivity.



91300 Trailing

635/230/140/295 bu

+ 44 bu Saddle Tank opt.

9950 Trailing

465/165/100/220 bu

+ 44 bu Saddle Tank opt.

9650 Trailing

195/130/130/195 bu

+ 44 bu Saddle Tank opt.

L9950 Leading

220/100/165/465 bu

+ 44 bu Saddle Tank opt.

L9650 Leading

195/130/130/195 bu

+ 44 bu Saddle Tank opt.



- The 9000 I Series delivers the right tank splits to maximize your acres between fills.
- ▶ The 9950, L9950 and 91300 tanks have a 49/18/11/23 ratio, optimized for Producers using all dry products.
- ▶ The 9650 & L9650 have a 30/20/20/30 ratio, optimized for Operators using dry fertilizer combined with liquid or anhydrous fertilizer.











Bourgault Straight-Through Primary System

The Bourgault 9000 Series supports single, double and now the TriMax[™] Triple-Shoot product delivery!



Unmatched Versatility Achieve any product combination needed to meet each crop's specific requirements. Each of the 4 tanks and optional Saddle Tank™ are equipped with PDM Pro™ Metering Augers and can be directed into any of the product lines, giving you maximum seeding flexibility.

ITriMax™ Triple-Shoot Distribution System Barrier Breaking Technology.

The TriMax[™] Distribution System Breaks Barriers for 2021, providing three separate air streams for the ultimate in seed and dry fertilizer placement.

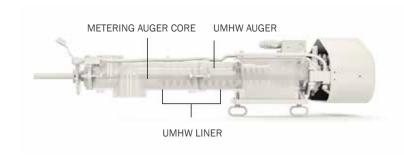
With the TriMax[™] Distribution System:

- Seed is placed safely, by itself, in the seed row (without fertilizer) for complete safety and maximum emergence,
- Starter phosphate is side-banded separately (without nitrogen), allowing for early and safe access to phosphate,
- Nitrogen and other mobile nutrients, are placed mid row using the Mid Row Bander®
 Fertilizer Application System guaranteeing seed safety.
- ▶ Pair the TriMaxTM System on the Trailing 9950, or, 91300 Air Seeders with:
 - 3330SE/3335QDA (66', 76', 80', 86')
 PHDs equipped with the double-shooting
 PLDS™ Opener and Mid Row Banders®

Contact your Bourgault Dealer for further details.

2 THE PDM PRO™

Metering System



- The hydraulically driven 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, orifice, and metering auger 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 contents into the unload auger/ conveyor or conveniently back into the bag it came from.
- Competitive units that employ the Class B distribution system can experience uneven application at low rates if product slumps to one side of the wide row of rollers. Product switches typically are more onerous and wasteful when cleaning out metering roller bodies.

3 THE EVENSTREAM Primary Distribution System

Balanced Distribution - Even Germination

The Class A EvenStream™ Distribution System provides outstanding performance in distribution accuracy even at high application rates. Centering vanes and ribbed plastic inserts positioned above the primary manifold ensures product is positioned to achieve even distribution at the boot.

4 FAN OPTIONS

Bourgault incorporates a fan into each distribution stream to maximize efficiency, simplify settings and to minimize any plugging problems.
To cover the wide range of drill sizes and application rates Bourgault has 3 fan options available on the 9000 Series.

See 9000 Series Air Seeder specifications for fan options on page 95.

5 DUAL ASC

 Control individual section on/off timings, as well as control seed opener and Mid Row Bander® Fertilizer Applicator timings separately to further minimize product application overlap.



Load/Unload Quickly and Effectively

Getting product in and out safely, quickly and conveniently marks the effectiveness of an excellent load/unload design. Time and energy saved while transferring product means you can seed more acres per day. Due to the demand for high capacity, gentleness on seed and easy clean-out, Bourgault has made conveyors standard on the 9000 Series Air Seeders.



■ HIGH CAPACITY CONVEYORS Standard on 9000 Series Air Seeders

- The 91300 air seeder is available with a 12" diameter conveyor with a 20" belt. The 9950 and 9650 air seeders are available with a 10" diameter conveyor with a 15" belt.
- All conveyors are operated by a remote control.

■ FOLDING CONVEYOR

L9950 & L9650 (Leading)

- A major challenge for Leading tanks is the length of a conveyor during transport. To meet this requirement, Bourgault has designed an industry first folding conveyor for the Leading L9650 and L9950s.
- ▶ The folding conveyor is 10" in diameter with a 15" belt.

Product Transfer Options

- The BulkBoom[™] Option Convenient Bulk Bag Handling
- The remote controlled BulkBoom[™] makes loading bulk bags of seed, fertilizer or inoculant more convenient and efficient. The BulkBoom[™] is designed to lift up to 2,400 lb from the ground to the Saddle Tank[™], or to the smallest of the four individual tanks, or to the Storage Platform.



- The BagLift[™] Option Bag Transfer System
- ▶ Bourgault offers the optional BagLift[™] System to lift bagged product to the top of the tank. The remote operated BagLift[™] has a lift capacity of 440 lb. (The BagLift[™] option is available on the L9650 and 9650 units without the Saddle Tank[™] or BulkBoom[™] options.)



- **FillChute™** Option Saddle Tank™ Fill System
- ▶ The FillChute[™] option allows the Saddle Tank[™] to be filled with the conveyor.





Tire Options

At Bourgault, a large emphasis is placed on tires - specifically big tires. Simply put, there is more rubber under a 9000 Series™ Air Seeder than the competition. The large diameter, increased flexion (IF) tires deliver very low ground pressures and reduced rolling resistance, maximizing flotation which helps to ensure uniform germination.



TIRE SIZES & PRESSURES

Many Options to Suit Your Requirements

Minimum Inflation Tire Pressures

(measured in psi)

	91300	9950	9650
Front Tires			
Goodyear IF710/70R42CF0 Single	N/A	N/A	12
Goodyear 850/80R38 Single	N/A	N/A	9
Goodyear IF850/75R42CF0 Single	N/A	12	N/A
Goodyear IF710/70R42 CFO Dual	10-12	7-8	6

Controlled
Traffic Capability L9650 and 9650
specific tire options are
available upon request.

	91300	9950	9650	L9950	L9650
Rear Tires					
Goodyear IF850/75R42CF0 Single	N/A	N/A	15-20	N/A	N/A
Goodyear IF710/70R42 CF0 Dual	N/A	N/A	12-15	N/A	15-20
Goodyear IF850/75R42 CFO Dual	14-16	9-12	7-9	14-17	9-12

Additional Components

■ Monitoring Product Levels

- Individual tank scales and low bin sensors eliminate the need for in-tank cameras. However, cameras are provided on the rear of the tank to monitor traffic behind the air seeder, as well, a camera is mounted in the Saddle Tank™ for extra reassurance when monitoring low rate products like canola. The camera images are displayed directly on the X35 or on the Xtend screen.
- A Low Pressure Alarm will sound during seeding to alert you of an open lid or an unattached metering hose.

■ Surge Brakes Available on All Models

Detecting when it is time to apply implement brakes can sometimes be difficult. The surge brake system on the 9000 Series automatically applies the correct amount of braking as the air seeder hitch load changes from tension to compression. This greatly reduces the potential of implement damage as well as stress on the Operator. The 9000 Series surge brakes are now available on the Leading air seeders, as well as the Trailing models.

Operator Safety

The sturdy and comfortable 24" wide stairs provide safe and sure-footed travel up and down the air seeder. To further improve safety, the 9000 Series are equipped with handrails and kick plates around the perimeter of the tank top platform. The handrails fold down quickly to reduce the height of the air seeder for storage purposes.

Exterior Lighting

Seven exterior LED lights, as well as a light in the Saddle Tank[™], allow for greater visibility when seeding at night.





SPECIFICATIONS

	1	railing Models	, 	Leading	Models
MODELS	91300	9950	9650	L9950	L9650
Total Tank Volume	1,300 bu	950	650	950	650
with Saddle Tank	1,344	994	694	994	694
T1	635	465	195	220	195
T2	230	165	130	100	130
T3	140	100	130	165	130
T4	295	220	195	465	195
Saddle Tank (option)	44	44	44	44	44

Trailing Models

Leading Models

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

		Trailing Models			Leading Models	
MODELS	91300	9950	9650	L9950	L9650	
Height (empty)						
Transport	14'9"	13'5"	12'1"	13'5"	12'1"	
Field	17'7"	16'3"	14'11"	16'3"	14'11"	
Overall Width						
Single Rear Tires	N/A	N/A	18'1"	N/A	N/A	
Dual Rear Tires	20'11"	20'11"	20'11"	20'11"	20'11"	
Tire Spacing						
Front						
Single	N/A	12'8"	12'8"/9'10"*	N/A	N/A	
Inner Dual	11'	11'	11'	N/A	N/A	
Outer Dual	17'4"	17'4"	17'4"	N/A	N/A	
Rear						
Single	N/A	N/A	11'6"/9'10"*	9'10"	9'10"*	
Inner Dual	10'9"	10'9"	10'9"	10'9"	10'9"	
Outer Dual	18'1"	18'1"	18'1"	18'1"	18'1"	
Length						
Wheelbase	23'	23'	22'			
Overall Length	55'7"	48'9"	48'9"	44'5"	44'5"	
Front Hitch to Rear Hitch				39'3"	39'3"	
Front Hitch to Axle				30'2"	29'10"	
Weight (lb)						
Weight, base unit & base tires	47,500	40,000	32,000	40,150	32,830	
Weight, commonly equipped**	50,500	43,000	39,000	38,500	35,000	
Leading Hitch Weight (empty)				4,600	4,200	
Leading Hitch Weight (<i>max*</i>)				11,000	10,400	

^{* 9650 &}amp; L9650 available with optional 3 meter tire spacing with high capacity single tires

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

^{**} Commonly equipped is equivalent to base weight, plus double-shoot plus the optional Saddle Tank on all models. Duals added on rear of 9650. All models without Bulk Boom.

General Specifications	
Hydraulic Drive (7" straight-through)	Standard on all 9000 Series models
X35 Apollo System	Standard on all 9000 Series models
Cameras (viewed on X35 monitor)	Rear View - standard / In Optional Saddle Tank (when equipped)
Dual ASC	Optional on all 9000 Series models
Product Transfer Systems	BulkBoom [™] - optional on all 9000 Series models BagLift [™] - available option on 9650 and L9650 FillChute [™] - optional on all 9000 Series models
Rear Tow Hitch	Optional on Trailing models
Conveyor	Standard on all 9000 Series models
Individual Tank Scales	Standard on all 9000 Series models
Surge Brakes	91300, 9950, L9950 - standard 9650, L9650 - optional
TriMax™ option	Available on Trailing 9950 & 91300 A/S only

Fan Options

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

Bourgault has 3 fan options to match your drill width, target application rates and tractor capacity:

1 High Speed Fan	is equipped with a hydraulic motor which provides up to 6000 rpm rotor speeds to boost application rates (up to 18 gpm req.).
2 High Capacity Fan	has a wider fan rotor and a hydraulic motor and is recommended for high rates and units up to 70' wide (up to 26 gpm req.).
3 High Pressure Fan	is recommended for the 3420 ParaLink™ Hoe Drill, 3320-86 PHD on 10" & 12" spacing and the 3720-70 PCD on 10" spacing. The high pressure fan is equipped with a redesigned rotor and equipped with a hydraulic motor (up to 30 gpm req.).

X35 Apollo System

Achieve Unprecedented Seeding Control

The X35 Apollo[™] System with the Xtend remote tablet operation provides the most advanced control and monitoring capabilities for your seeding system. In addition to controlling base seeding operations the X35 also offers:

- Implement-to-Implement coverage sharing,
- Variable Rate Control of up to 6 products,
- Dual Auto Section Control[™]
- Accurate coverage maps,
- Camera and blockage module monitoring,
- ▶ LiftMaster[™] and PackMaster[™] drill control,
- As well as, data management and time saving applications all on a large, full color screen.





The Xtend Feature

Take Control Out of the Cab



With the Xtend feature you can double the number of functions being viewed during the seeding operation.

Install the Xtend App on your phone or tablet for wireless connectivity. Use your phone or tablet to:

- $\,\blacktriangleright\,$ transfer calibration weight results into the X35 as they are taken at the air seeder,
- connect remotely to the X35 to access the seeding system information,
- double the number of functions being displayed by connecting a tablet to the X35 console.







The X35 Apollo System: Take Control



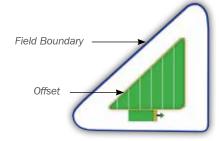
QUICK START

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 job records and can even auto locate fields to create the next job as you enter that field.



■ CALIBRATION WIZARD

 Calibration Wizard provides a logical step by-step guide for completing a multi-tank calibration.



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.
- There are three distinct advantages of seeding the headlands last with Headland Manager.
 - Seeding the headlands last reduces overcompaction of the headlands from trucks and seeding systems to deliver the best emergence possible on the headlands. This is especially important during wet seeding conditions.
 - 2 Seeding the headlands last eliminates openers from being dragged through the seeded area of the field.
 - 3 Headland Manager notifies you when to turn and outlines the Field Boundary keeping you well aware of property lines for enhanced night time seeding.

Headland Manager is a technology winner!



■ DUAL AUTO SECTION CONTROL

 Control individual section on/off timings, as well as control seed opener & Mid Row Bander® Fertilizer Applicator timings separately to further minimize product application overlap



TANK OPTIMIZER

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

The Apollo System is a comprehensive seeding operating system. Detailed instructions and videos covering set up and operation are available on the Bourgault website under: Customer Service, or at: BourgaultVideo Youtube channel.





The ISO Apollo System operates in accordance with the ISO 11783 standard so that tractors equipped with ISO compatible virtual terminals have the option to monitor and perform basic rate control functionality using the tractor's existing ISO display or through the dedicated XD console.

The ISO Apollo System is capable of:

- ▶ Air seeder calibration.
- ▶ Data Storage for up to 16 products,
- Control up to 4 metering augers,
- "On-the-go" rate change,
- Displaying: fan RPM, metering rate, product remaining and acres covered,
- Alarms for: low tank level, case drain pressure and shaft RPM,
- Blockage monitoring

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.

Availability:

The ISO Apollo™ System is available on the 8000 Series™ Air Seeders and the FMS,

Contact your local Bourgault Dealer for more information and visit our website at: www.bourgault.com.



Availability:

The X35 Apollo™ System is standard on all 9000 Series™ Air Seeders and optional on the 8000 Series™ Air Seeders, as well as the FMS,



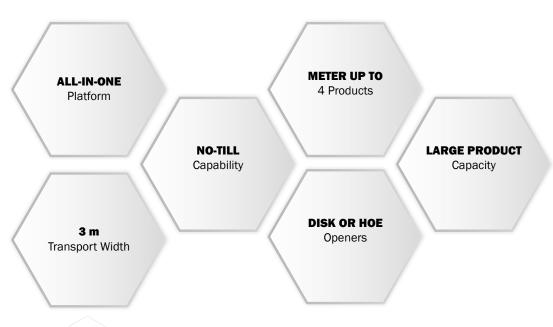
CD872-8 / CD872-6 CD848-8 / CD848-6

HD ParaLink™ Hoe Drill

HD872-8 / HD872-6 HD848-8 / HD848-6

Frame Mounted Seeders (FMS)

Designed to Fit













HD ParaLink[™] Hoe Drill

HD872-8 / HD872-6 HD848-8 / HD848-6

■ The Air Seeder

The FMS air seeder is designed with the same proven Bourgault ingenuity found on Bourgault's large air seeder tanks.

- ➤ Such design features as the PDM ProTM
 Metering System that delivers accurate product metering of an extensive range of seeds and fertilizers and the KNEXTM
 Integral Tank System that allows you the flexibility to combine or separate tanks for increased seeding productivity.
- Large, flotation tires located on the back of the drill support the contents of the 135 bu or 200 bu air seeder.
- HD848 shown 4-tank, 26 ft, 136 bu FMS



Bourgault Precision, Strength & Productivityall perfectly contained in one package.

Designing agricultural equipment can be a balancing act. Quite often when a gain is made in one area of design, another area may be compromised. The Frame Mounted Seeder (FMS™) by Bourgault successfully achieves the ultimate balance between productivity and ease of use. Designed as a complete seeding unit, the Frame Mounted Series is a mid range seeding system tucked between the larger seeding systems and the smaller box seeders.



13'2" or less transport height for all FMS models

9'10" transport width for all FMS models





TRANSFER Product with Ease.

■ The BulkBoom Convenient Bulk Bag Handling

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







CD ParaLink[™] Coulter Drill



The ParaLinkTM Coulter Drill version of the FMSTM achieves precise seed placement while maintaining seedbed integrity. The integrity is maintained through the combination of the low disturbance coulter disk that creates an extremely narrow trench for the seed to be deposited into, in combination with the LDx^{TM} Low Disturbance Scraper that optimally places the seed and fertilizer at the base of the disk cut achieving excellent seed placement which results in even emergence.



Field seeded with a Bourgault ParaLink™ Coulter Drill equipped with Mid Row Bander® Fertilizer Applicators

The ParaLink[™] Walking Coulter Opener (PLW)

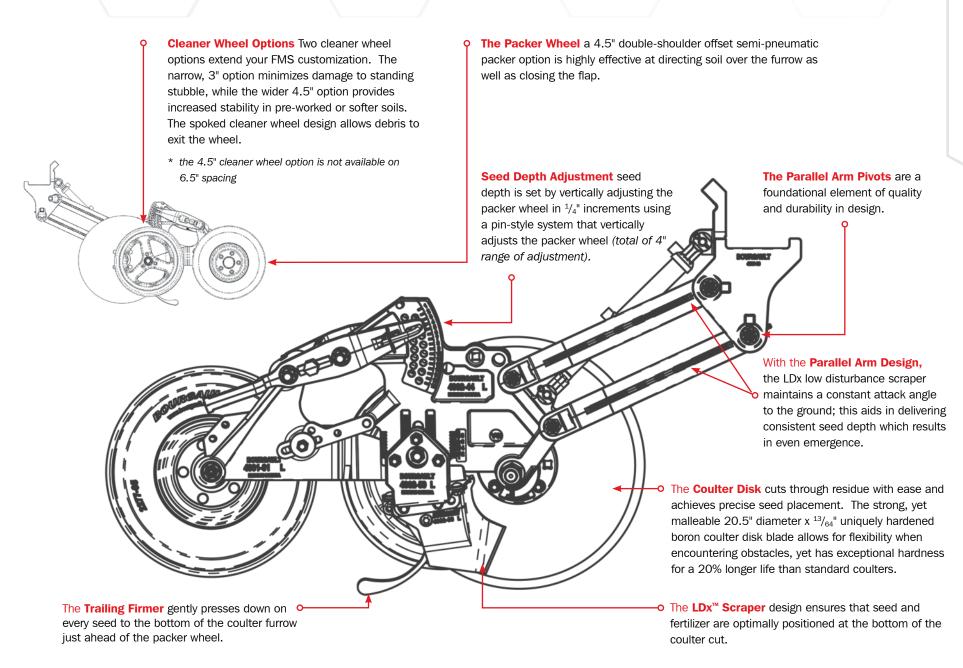
Parallel arms provide a consistent angle on the scraper's presentation to the soil. This ensures the low disturbance scraper maintains a constant attack angle to the ground providing optimum seed placement. Each arm provides +9" & -7" of travel from nominal position for 16" of total opener travel and the walking axle reduces coulter movement by a factor of two resulting in excellent seed depth.



When going over rocks or uneven ground, for every 1" that the cleaner wheel adjusts vertically, the seed depth moves only $^3/_8$ ".



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





HD ParaLink™ Hoe Drill



The HD ParaLink[™] hoe drill version of the FMS allows the Operator to seed with all of the benefits of independent seeding. The HD FMS deploys the one-to-one PLX Seed Opener Assembly.

The PLX Arm design maintains the opener's attack angle regardless of its position and regardless of the choice of seed opener tip. A wide range of tip opener widths and designs are available through third party vendors, however, please note that Bourgault recommends using narrow seed knives.

Final opener selection and resulting field performance is the sole responsibility of the opener manufacturer and the owner.

The ParaLinkTM Xtreme Opener Assembly - 1:1 Contour Ratio

The 1:1 contour ratio of the PLX Opener Assembly is designed to deliver excellent contouring characteristics as the full parallel linkage allows the PLX Opener to follow the field independently 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.



Packer/gauge wheel and seed shank move together when depth is set.



If the packer/gauge wheel moves down, the seed shank follows the same vertical distance.



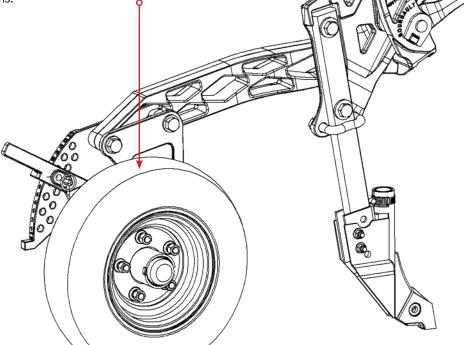
Changes to the vertical frame height do not affect the position of the seed shank.





Packer Options Choose between three packer options: the 4.5" v-style semi-pneumatic, the 4.5" semi-pneumatic and the 5.5" semi-pneumatic. Pairing the packer wheel with the appropriate seed opener is critical for achieving optimal seeding results.

Visit: www.bourgault.com for suggested opener/packer wheel combinations.



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



Field seeded with a Bourgault ParaLink™ Hoe Drill equipped with Mid Row Bander® Fertilizer Applicators.



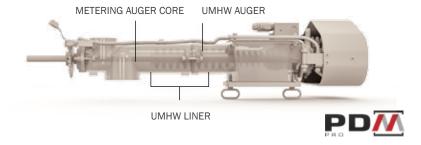


The Bourgault air seeder design is widely renowned on the world's largest broad acre farms for its versatility, features and durable design...making it the Farmer's favorite air seeder. Such features as the PDM Pro™ Metering System, the KNEX Integral Tank Design and the X35 Apollo™ System put the Bourgault head and shoulders above the competition.

■ The PDM PRO™

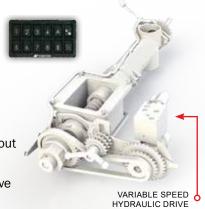
Advanced Metering System

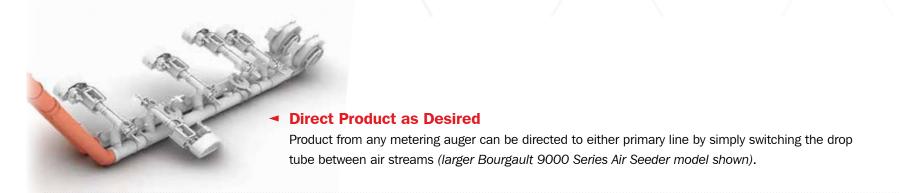
- The PDM Pro[™] provides the highest degree of metering accuracy while still providing gentle seed handling.
- To combat the issue of freshly treated seed or fertilizer sticking in humid conditions, the PDM Pro[™] features a UMHW high density polyethylene metering auger, housing liner and orifice that minimizes even these troublesome products from sticking to the inside of the housing.



■ The Hydraulic Meter Drive

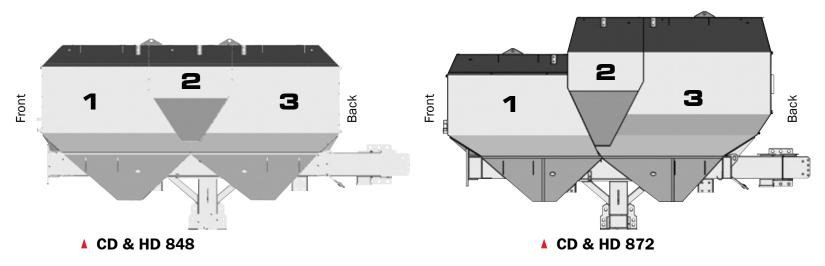
- The hydraulic drive motors provide near instant rate changes.
- The on-tank control box allows you to charge the PDM Pro[™] Metering Auger and begin the calibration process without going back to the tractor cab thereby reducing the number of steps you'll have to take to complete the process.







The industry exclusive 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 three main tanks to meter individually, or, tanks can be combined to meter as one by simply removing the interconnecting tank door.

The optional Tank 4 - Saddle Tank (not shown) is a small 8 bu tank that mounts near the rear of the FMS making handling low volume product, such as canola, granular inoculant or insecticide, as easy as possible.



Options

■ The Mid Row Bander (MRB) Fertilizer Application System Option

Protect your input investment each and every year with the MRB® Fertilizer Application System. Only MRBs provide optimal seed to fertilizer placement in all conditions maximizing your earning potential even in the dry years. The Mid Row Bander® System allows Producers to apply all of the nitrogen and sulfur requirements with the coulter opener and employ a low disturbance opener for seed and starter fertilizer.



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

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

Bourgault Mid Row Bander* Fertilizer Applicators have been helping North American Farmers meet these challenges for 25 years! Confidence in the approach is evident with many Producers on their 2nd and 3rd generation Bourgault seeding system equipped with the MRB* Fertilizer Applicator option. In fact, over 80% of Bourgault seeding systems are sold with the Mid Row Bander option.

With general weather patterns indicating drier spring seeding conditions in the future, it is more important than ever to consider Bourgault Mid Row Bander* Fertilizer Applicators as part of your seeding system.

Drill Control

- ► LiftMaster[™] Option Farmers can remove one more operation when turning at the end of the field. LiftMaster[™] provides automatic lifting and lowering of the openers at the field headlands. This eliminates one more tedious operation at a time when many things are going at once.
- ▶ PackMaster™ Option The PackMaster™ option achieves uniform packing pressure while seeding by hydraulically responding to varying field conditions.

NOTE: LiftMaster™ and PackMaster™ are available options when the X35 Apollo System is chosen.

Operating Systems

- The Bourgault FMS offers the same two operating system options found on the large Bourgault seeding systems.
 The X35 Apollo™ System and the ISO Apollo™ System:
- 1 The X35 Apollo™ System allows for unprecedented control of your seeding system; realize full rate control capabilities, accurate data management and time saving applications all on a large 12.1" color touch-screen.

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

Xtend Feature

The X35 brings Wi-Fi connectivity to Bourgault air seeders with its Xtend Feature. With this capability, the X35 can connect to smart phone and tablet applications. 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.





Variable Rate Control

VR Control of all 4 tanks

Blocked Head Monitoring

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

Coverage Maps

Integrate a GPS signal and display and record coverage maps for multiple products.

2 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. ISO virtual terminals are typically present on newer models of most major brands of tractors. Optional XD console is available as dedicated monitor.





SPECIFICATIONS

CD Models	CD872-8	CD872-6	CD848-8	CD848-6
Total Tank Volume	200 bu	200 bu	136 bu	136 bu
with Saddle Tank	8 bu	8 bu	8 bu	8 bu
T1	60 bu	60 bu	57 bu	57 bu
T2	37 bu	37 bu	22 bu	22 bu
T3	103 bu	103 bu	57 bu	57 bu
Saddle Tank (option)	8 bu	8 bu	8 bu	8 bu
Tire Size	IF710/70R38	IF710/70R38	LSW750/60R30 IF710/70R38 (opt)	LSW750/60R30 IF710/70R38 (opt)
Bulk Boom Capacity	2,200 lb	2,200 lb	2,200 lb	2,200 lb
Opener Style	PLW	PLW	PLW	PLW
Spacing	6.5", 7.5", 10", 12"	6.5", 7.5", 10", 12"	6.5", 7.5", 10", 12"	6.5", 7.5", 10", 12"
MRBs	7.5", 10", 12"	7.5", 10", 12"	7.5", 10", 12"	7.5", 10", 12"
Wing Casters	Optional	N/A	Optional	N/A
Brakes	Optional	Optional	Optional	Optional
Transport Width	9'10"	9'10"	9'10"	9'10"
Transport Height	13'2"	11'2"	13'2"	11'2"

	Unit Weight (empty)	Tongue Weight (max)	Working Width
CD872-8	lb	lb	
6.5"	29,750	8,500	26'0"
7.5" w/ MRBs	31,250	10,250	25'0"
7.5"	27,750	7,750	25'0"
10" w/ MRBs	28,500	9,000	26'8"
10"	25,750	6,750	26'8"
12" w/ MRBs	25,750	7,500	24'0"
12"	23,500	6,000	24'0"
CD872-6	lb	lb	
6.5"	26,500	7,000	19'6"
7.5" w/ MRBs	28,500	9,000	20'0"
7.5"	25,500	6,750	20'0"
10" w/ MRBs	25,750	7,750	20'0"
10"	23,500	5,750	20'0"
12" w/ MRBs	24,250	6,750	20'0"
12"	22,500	5,250	20'0"
CD848-8	lb	lb	
6.5"	28,250	8,500	26'0"
7.5" w/ MRBs	29,750	10,250	25'0"
7.5"	26,250	7,750	25'0"
10" w/ MRBs	27,000	9,000	26'8"
10"	24,250	6,750	26'8"
12" w/ MRBs	24,250	7,500	24'0"
12"	22,000	6,000	24'0"
CD848-6	lb	lb	
6.5"	25,000	7,250	19'6"
7.5" w/ MRBs	27,000	9,000	20'0"
7.5"	24,000	6,750	20'0"
10" w/ MRBs	24,250	7,750	20'0"
10"	22,000	6,000	20'0"
12" w/ MRBs	22,750	7,000	20'0"
12"	21,000	5,500	20'0"

HD Models	HD872-8	HD872-6	HD848-8	HD848-6
Total Tank Volume	200 bu	200 bu	136 bu	136 bu
with Saddle Tank	8 bu	8 bu	8 bu	8 bu
T1	60 bu	60 bu	57 bu	57 bu
T2	37 bu	37 bu	22 bu	22 bu
T3	103 bu	103 bu	57 bu	57 bu
Saddle Tank (option)	8 bu	8 bu	8 bu	8 bu
Tire Size	IF710/70R38	IF710/70R38	LSW750/60R30 IF710/70R38 (opt)	LSW750/60R30 IF710/70R38 (opt)
Bulk Boom Capacity	2,200 lb	2,200 lb	2,200 lb	2,200 lb
Opener Style	PLX	PLX	PLX	PLX
Spacing	10", 12"	10", 12"	10", 12"	10", 12"
MRBs	10", 12"	10", 12"	10", 12"	10", 12"
Wing Casters	Optional	N/A	Optional	N/A
Brakes	Optional	Optional	Optional	Optional
Transport Width	9'10"	9'10"	9'10"	9'10"
Transport Height	13'2"	11'2"	13'2"	11'2"

	Unit Weight (Empty)	Tongue Weight (Max)	Working Width
HD872-8	lb	lb	
10" w/ MRBs	26,500	8,000	26'8"
10"	23,750	6,000	26'8"
12" w/ MRBs	24,250	7,000	24'0"
12"	22,250	5,250	24'0"
HD872-6	lb	lb	
10" w/ MRBs	22,500	6,000	20'0"
10"	20,500	4,500	20'0"
12" w/ MRBs	21,000	5,000	20'0"
12"	19,250	3,750	20'0"
HD848-8	lb	lb	
10" w/ MRBs	25,000	8,000	26'8"
10"	22,250	6,000	26'8"
12" w/ MRBs	22,750	7,000	24'0"
12"	20,750	5,250	24'0"
HD848-6	lb	lb	
10" w/ MRBs	21,000	6,000	20'0"
10"	19,000	4,500	20'0"
12" w/ MRBs	19,500	5,000	20'0"
12"	17,750	4,000	20'0"

^{*} 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

Field Management

SOW PRECISELY. SOW PRODUCTIVELY. SOW PROGRESSIVELY.

Tillage Products have been the cornerstone of Bourgault Industries Ltd. for 46 years. Our cultivators and chisel plows deliver more capability and durability than any other competitive product. The excellent depth control of these tillage implements has made them "the" choice for air seeding on the prairies.





XR7718 XR751 eXtended RANGE HARROWS

XR771: 70 / 90 **XR751:** 70 / 90

eXtend YOUR Harrowing Capability

The Bourgault XR Series Harrows eXtend beyond the capability of current harrows on the market, incorporating user-friendly features to achieve consistent residue management results, verified over and over by XR Operators.







The XR Advantage

The operational range provided by the new XR771 and XR751 harrow design eXtends performance in three related ways:

- 1 the XR Harrows eXtend the ability to deliver a much wider range of field finishes than competitive harrows.
- 2 they eXtend the range of field conditions that can be operated in and still do a good job, and,
- with the ability to be effective in tougher conditions, they eXtend the working hours per day which means more acres covered!

■ Adjustable DownForce (ADF)

The eXtended performance is primarily driven by the Adjustable DownForce system, as well as the on-the-go tine angle and boom angle adjustments. This patent pending design employs hydraulically controlled downforce or up force to each harrow section ensuring a superior field finish even when contouring to the extremes.

ADF ensures that the downforce of the harrow section:

- 1 is constant regardless of contour position,
- 2 is independent from other adjustments,
- 3 is easily adjustable via hydraulic pressure,
- 4 can instantly be placed into float at the headlands to prevent over harrowing of headlands and the blobbing of straw.

ADF truly makes the XR harrows the top performing harrows available in the marketplace.

■ Improved Control

For 2021, the New XR771 and XR751 are now equipped with a solid pull arm system. The solid pull arm system better controls the folding and unfolding of the XRs and improves wing stability in fields with hills.



XR771 & XR751 eXtended Range Harrow SPECIFICATIONS

■ Outstanding Features

- The XR Harrows employ an 8" x 8" fixed height frame design with 10' wide independent sections that are connected to the booms with parallel arms.
- Standard 10' harrow sections each have 26" of independent vertical travel for uniform results even in hilly conditions.
- Hydraulically controlled boom wheels greatly reduces the distance required to fold and unfold the unit.



MODEL	XR771-90	XR771-70	XR751-90	XR751-70
Transport Length	61' 8"	51' 8"	61' 8"	51' 8"
Transport Width	14' 10"	14' 11"	14' 10"	14' 11"
Transport Height	13' 8"	13' 8"	13' 8"	13' 8"
Weight*	17,600 lb	15,000 lb	16,800 lb	14,200 lb

GENERAL SPECIFICATIONS (all sizes)

Main Frame Standard 21.5L X 16.1SL Wings Standard 13.5L X 15Fl Dual

Tines Standard

Tine Options

XR771 $\frac{1}{2}$ " x 22" carbide infused tines

XR751 5/8" x 26" carbide tines

Boom Clearance fixed 28"

Harrow Sections

XR771 7 Row, 10' wide sections XR751 5 Row, 10' wide sections

Main Boom Tubing 8" x 8" x 0.250" wall

Safety Chain,

SMV Sign & Lights standard

Wheel Standards

Cart Frame triple-lip seals on 6,000 lb hubs
Wing triple-lip seals on 5,000 lb hubs

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

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



8910 Cultivator: 30 / 35 / 48 / 54 / 70

Versatility

The 8910 Floating Hitch Cultivator is one of the most versatile farming implements available. No other seeding system can be set up for tillage, then be 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 connected with continuous members above and below to create a deep profile for high strength and weight. This is how the 8910 Cultivator gained a reputation for uniform soil penetration and consistent seed placement, even in tough soils.

■ Resilient Trip Assembly.

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.

■ Designed to Work

• Get through more and get more done with the five-row 8910 Cultivator. Clearance is maximized around the in-frame wheels to allow residue to flow unencumbered. The walking in-frame running gear is slightly biased to the back wheel to avoid "diving" in wetter conditions, minimizing your chances of getting stuck.

■ Precision Operation

Expect precision depth and consistent results with the 8910. A precision line lock valve helps ensure that working depth never changes during operation and that any hydraulic leaks at the tractor are isolated from the cultivator. The 8910 incorporates a well engineered single-series master-slave system built with quality hydraulic components so you know the depth you set is the depth you get. When leveling is required, adjustments are made at easy to access locations with the wrenches provided.

■ Effective Seeding & Tillage

Select from an extensive list of optional attachments to configure your Bourgault 8910 into an effective seeding unit. Various mounted packer and harrow attachments are available on select sizes and spacings.

Visit the Bourgault website for additional information on the 8910 Cultivator.

8910 Cultivator SPECIFICATIONS

MODELS	8910-30	8910-35	8910-48	8910-54	8910-70
No. of Sections	3	3	5	5	5
No. of Rows	5	5	5	5	5
Working Widths 8" spacing 10" spacing 12" spacing	29'3", 32'0" 30'0", 33'3" 30'0", 32'0"	36'0", 40'0" 35'0", 40'0" 36'0", 40'0"	48'0", 52'0" 50'0" 48'0", 52'0"	58'8", 60'0" 55'0", 60'0" 56'0", 60'0"	N/A 70'0" 70'0"
Frame Widths Main Frame Inner Wing Outer Wing	14'2" 7'9" N/A	14'2" 10'6" N/A	15'6" 8'8" 7'10"	15'6" 11'3" 8'4"	15'6" 15'6" 10'1"
Transport Widths	18'6"	18'6"	25'1"	26'0"	25'9"
Maximum Transport Height*	13'4"	16'4"	14'4"	17'7"	20'4"
Weights 8" spacing 10" spacing 12" spacing	11,600 11,000 10,600	13,100 12,200 11,800	18,900 17,900 17,000	21,200 19,500 18,700	N/A 22,300 21,300
Tires Main Frame Inner Wing Outer Wing Main Frame Casters Inner Wing Casters Outer Wing Casters	11Lx15FI (4) 11Lx15FI (4) N/A 11Lx15FI (2) 11Lx15FI (2) N/A	11Lx15FI (4) 11Lx15FI (4) N/A 11Lx15FI (2) 11Lx15FI (2) N/A	12.5Lx15FI (4) 11Lx15FI (4) 11Lx15FI (4) 11Lx15FI (2) 11Lx15FI (2) 11Lx15FI (2)	12.5Lx15FI (4) 11Lx15FI (4) 11Lx15FI (4) 11Lx15FI (2) 11Lx15FI (2) 11Lx15FI (2)	12.5Lx15FI (4) 11Lx15FI (4) 11Lx15FI (4) 12.5Lx15FI (2) 11Lx15FI (2) 11Lx15FI (2)

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Note: 8910s are compatible with 8000 Series Air Seeders only.

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 polyindependent mounted packer wheels, or heavyduty 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 & 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 or 12" spaced units)



The Ultimate in Flexibility & Durability

The 9500 Chisel Plow is, as with all Bourgault tillage implements, renowned for its performance, durability, and low maintenance. With excellent trash clearance and soil penetration, excellent field contouring and a robust frame you can count on the 9500 Chisel Plow to perform in the toughest conditions each year.

In addition to the legendary Bourgault spring trip assembly, an optional hydraulic trip assembly is available for those working in extreme conditions or at higher than typical operating speeds.





■ Enhanced Durability

The four row frame design effectively transfers stress through heavy front to back beam members to equalize the load across the entire frame. The rear tow hitch is solidly tied into the main beams of the frame, allowing large air seeders or fertilizer carts to be towed. Parallel arms on the mainframe walking axle allow the walking axle to rotate the ideal amount when the frame is 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" when cultivating.

Optimal Flotation

The wide stance of the in-frame walking axles is complemented with large 380/55R16.5 tires to work confidently in challenging conditions. Dual 13.5Lx15 main frame caster wheel tires and single 13.5Lx15 tires on the wings add to the 9500's superior flotation and pulling ease in soft wet soils.

■ Rock Solid Stability

The mainframe of the 9500 is designed to be slightly deeper to allow the walking axles to be positioned farther back than on the wings. This ensures in transport stability, particularly if a large air seeder or cart is in tow.

9500 Floating Hitch Chisel Plow SPECIFICATIONS

MODELS	9500-60	9500-70	
No. of Sections	5	5	
Working Widths 12" spacing	60', 56'	70', 66'	
Frame Widths Main Frame Inner Wing Outer Wing	17'3" 10'11" 10'4", 8'7"	17'3" 13'10" 12'4", 10'3"	
Transport Width (max)	24'8"	24'2"	
Weights (base unit) 500 lb trips 600 lb trips	60' - 28,900 lb 56' - 28,300 lb 60' - 31000 lb	70' - 31,600 lb 66' - 31,000 lb	
Main Frame Inner Wing Outer Wing Main Frame Casters Inner Wing Casters Outer Wing Casters	11Lx15FI (4) 11Lx15FI (4) N/A 11Lx15FI (2) 11Lx15FI (2) N/A	11Lx15FI (4) 11Lx15FI (4) N/A 11Lx15FI (2) 11Lx15FI (2) N/A	

^{*} 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 and greater detail check out our website at: www.bourgault.com

TILLAGE OPTIONS

FOR BOURGAULT 8910 CULTIVATORS & 9500 FHCP



■ THE TITAN QUICK DETACH ARM

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



Mounted Tine Harrows

- Mounted Tine Harrows allow you to break lumps and/ or lightly seal the seedbed in a seeding operation.
 Five different tine settings allow you to set the angle to match your operation and conditions.
 - Four Bar Harrows feature ⁷/₁₆" x 16" long tines on a 2" overall spacing.
 - Three Bar Heavy-Duty Harrows provide $\frac{1}{2}$ " x 20" long tines on a $2^5/8$ " overall spacing.

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



Gang-Style Poly Mounted Packers

Gang-Style Poly Mounted 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 Mounted 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

Heavy-Duty Mounted Packers allow you to achieve near drill-like packing results with your 10" spaced 8910 seeding system. The 22" diameter packers are available in 2½" and 3½" steel, 2" & 3" semipneumatic and 5½" wide pneumatic wheels. Mid Row Banders*, or a weight kit, is required to offset the weight of the packers.

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.



Achieve More in One Pass

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The Bourgault SPS360 Soil Prep System takes an alternative approach to seedbed preparation that better supports independent depth seeding. The SPS360 is designed to mix residue through the soil worked by the shank openers prior to leveling & packing. By equipping the 12" spaced shanks with 3" openers, a "wave" profile of unworked soil is left under the even seedbed to better support the upcoming seeding operation. This unique approach preserves some of last year's root structure and stubble, protecting the soil from erosion and young plants from wind damage.





The SPS360 Soil Prep System uses a combination of Cutting Coulters, Heavy-Duty Hydraulic Shanks, 3 Bar Mounted Harrows and Rolling Baskets to cut, incorporate, level, and then firm the soil. The various tillage sections of the soil prep system can be individually set or parked up, depending on the conditions



1 Cutting Coulters

The notched 20" diameter coulters size the residue to ease flow and promote incorporation. The coulters are mounted in-line with the shanks, but can be oriented to cut between the shank rows if required.

2 Shank Openers

Three rows of 12" spaced hydraulic shanks provide up to 1,000 lb of trip force to work through the toughest conditions to incorporate residue or turn wet soil.

3 Primary Finishing

3-bar heavy-duty harrows equipped with $\frac{1}{2}$ " x 20" tines

4 Secondary Finishing

The 14" diameter rolling baskets are hydraulically controlled to set the downforce in the field or to park up if not required.

Air kits for Bourgault air seeders are available for granular fertilizer application. Third party application kits for liquid or NH_3 can also be installed.

SPS360 Soil Prep System SPECIFICATIONS

MODEL	SPS360-40
No. of Sections	3
Working Widths	40'
Frame Widths Main Frame Inner Wing Outer Wing	17'4" 10'10" N/A
Transport Width (max) Implements Raised With Hydraulic Trips	24'8" 22'0"
Transport Height	16'6"
Frame Depth	14'10"
Tires Main Frame Inner Wing Outer Wing Main Frame Casters Inner Wing Casters Outer Wing Casters	16.5L x 16.1FI (4) 21.5L x 16.1 N/A 21.5L x 16.1SL (2) 21.5L x 16.1SL (2) N/A

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

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Hydraulic Trip variable breakout up to 1000 lb - $1\frac{1}{4}$ " x 2" shanks, 30" of frame to ground clearance, 12" of obstacle clearance
Rear walking tandem axles with tapered roller bearings Front leg type caster wheels for easy tire removal
Standard
Standard
32" minimum
20" diameter straight notched disks
3 bar - ½" x 20" heavy-duty tines,
Cage-style, 14" diameter rolling baskets with 8, 1" steel rods and hydraulic packing force control $$
Master/slave, dual series Hydraulic in-line filter Double line lock/pressure reducing valve Slide action, single-point quick shift depth control
12" shank spacing with 36" min between adjacent shanks and 32" between frame rows
A-frame leveling screws, 14'2" between the caster wheels $\&$ walking axle pivot
Two pull point hitch, optional rear tow hitch

Warranty

SOW PRECISELY. SOW PRODUCTIVELY. SOW PROGRESSIVELY.

BOURGAULT'S COMMITMENT TO QUALITY

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

Bourgault Warranty

5-Year Limited Warranty Repair Period and Remedies

One Year - 100% Parts & Labour.

Two Years - 100% Parts on Bourgault manufactured components.*

Three Years - 50% Parts on Bourgault manufactured components.*

Five Years - 100% Parts & Labour on tillage and air drill structural frame(s).

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.

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.



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





SOW PRECISELY. SOW PRODUCTIVELY. SOW PROGRESSIVELY.

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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: