



FMS

Frame Mounted Seeders



Frame Mounted Seeders

The Frame Mounted Seeder™ is a highly configurable seeding system designed with the same proven Bourgault ingenuity found on its larger drills and air carts. Two series of FMS™ provide a long list of seeding capabilities - the I Series and the K Series.

I SERIES

Frame Mounted Seeder™



I INDEPENDENT TANK Series

- Working width of 40'
- Tank size of 300 bu
- 2 tank design, plus optional 50 bu Wing Tank™
- Full featured air cart including DynaCal™
- Versatile ParaLink Row™ Opener
- MRB® and Air Planter™ capable
- Hi-Flotation™ tire options
- Paddle Conveyor product transfer option

K SERIES

Frame Mounted Seeder™



KNE INTEGRAL TANK Series

- Working widths from 20' to 30'
- Tank sizes of 135 bu or 200 bu
- 3 tank design, plus optional 8 bu Saddle Tank™
- Narrow transport width down to 9'10" (11'2" for units at 30' width)
- ParaLink™ Coulter or Hoe Opener options
- MRB® and Air Planter™ capable
- BulkBoom or Auger product transfer options

I Series Independent Tank

Frame Mounted Seeder

The I Series Frame Mounted Seeder™ is a highly configurable seeding system that is designed with the same proven Bourgault ingenuity found on its ParaLink Coulter Drills™ and 9000 I Series Air Carts.

The list of seeding capabilities is long. How you combine them to meet your needs is up to you!



The Coulter Drill

The heavier built 2-row, 5" x 5" frame of the I Series CD9120 FMS™ achieves superior penetration where other units ride up.

The CD9120 is a 3-plex unit with a 40' operating width and a floating hitch; the CD9120 is available in 7.5", 10" and 12" spacing. A hydraulic lockout option is also available which allows the Operator to easily configure the drill into 15", 20" and 24" row spacing.

Two opener options are available on the CD9120 to suit your needs - the PLW™ and the PLR™. Bourgault durability and innovation is designed into both openers.



PLR™ Opener shown above.



Two opener options are available to suit your needs - the PLW™ and the PLR™. Bourgault durability and innovation is designed into both openers.

- Scrapers have carbide leading edges to protect and thus prolong scraper life.
- Opener pivot points have needle bearings and greaseable hardened pins to retain exacting tolerances that stand the test of time.
- Perimeter induction hardened 20½" diameter coulters have improved wear characteristics on the wear radius, while allowing some flex near the hub to avoid breakage.
- Ingenious parallel arm design maintains consistent angle of the seed boot.
- Two cleaner wheel options available to provide optimal seed depth accuracy:
 - A. a narrow 3" option - minimizes damage to standing stubble,
 - B. a wider 4½" option - provides increased stability in pre-worked or softer soils.

I Series Independent Tank

The Coulter Drill

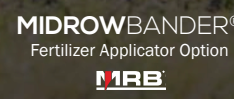
FEATURES AND OPTIONS



The AP™ option with bulk fill & multiple crop packages allows you to plant or seed with one system! (PLR™ Opener required)



The HF™ option allows you to get into the field sooner, providing your crop with an early start. In addition, HF™ provides you with confidence when traversing challenging or restrictive terrain such as soft and narrow roads.



The success of safely 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 PLR™ OPENER

VERSATILE COULTER SEED OPENER

The ParaLink Row™ Opener (PLR™) provides two very distinct advantages in today's coulters drill market:

- 1 Developed in conjunction with the Air Planter™ System, the PLR™ offers Producers the distinct advantage of seeding and planting with the same implement!
- 2 The durability and ingenuity built into the PLR™ Opener makes it longer lasting and easier to set than the competition getting many seasons out of wearing components such as coulters or seed boots.

The PLR™ Opener not only supports both singulated or volumetrically metered seeding, it also allows Producers to place granular starter fertilizer with the planted seed.

2 PACKER WHEEL OPTIONS

4½" **4½" Wide Double-Shoulder Offset Packer** is effective in directing soil over the furrow, as well as closing the soil flap. This packer is recommended when seeding into preworked or loose soils.

4½" **4½" V-Style Packer** is recommended when seeding in minimum or no-till situations, to focus more of the packing directly over the seed row.

Please note that all Bourgault packer options are semi-pneumatic.

THE PLW™ OPENER

CONTOUR-ABILITY & CONSISTENCY

The ParaLink Walking™ Coulter Opener achieves precise seed placement while maintaining seedbed integrity. The walking action between the cleaner and gauge wheel, both of which set the seed depth, minimizes the effects of a rough surface or old seed rows on seeding depth.



2 SEED BOOT OPTIONS

The Disk Wing™ Seed Boot is designed to avoid hair-pinning in the seed row and allows to separate the starter fertilizer from the seed.

The LDx™ Seed Boot provides ultra low soil disturbance and accurate seed placement.

2 PACKER WHEEL OPTIONS

4½" **4½" Double-Shoulder Offset Packer** is effective at closing the soil flap to achieve excellent seed to soil contact. Recommended to pair with LDx™ Seed Boot.

4½" **The 4½" Double-Shoulder Packer Wheel** is highly effective when combined with the Disk Wing™ Seed Boot.

I Series Independent Tank

The Air Seeder Tanks

The CD9120 tank borrows many exceptional value-adding features from its much larger sibling - the 9000 I Series Air Cart. Following are some of the features that add efficiency, accuracy, convenience, increased productivity and safety.

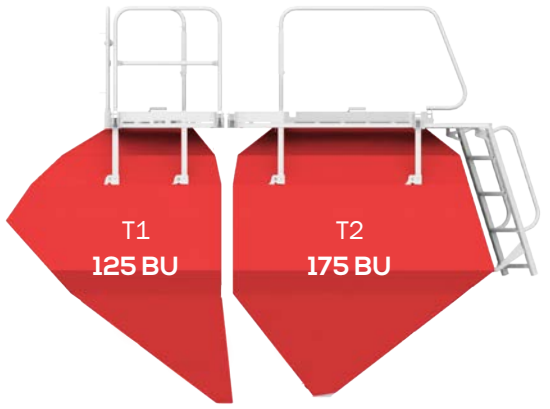
Individual tanks, Well-proportioned Volumes

Each individual tank volume was determined based on typical product splits in optimized seeding scenarios.

Tanks

The CD9120 FMS™ is comprised of two individual tanks with volumes of 125 bu (front tank) and 175 bu (rear tank).

- An optional 50 bu Wing™ Tank is also available for added volume flexibility.



Product Distribution

For over 40 years, the Bourgault Class A Product Distribution System has successfully seeded millions of acres in small grain regions around the globe. In that time, Bourgault has evolved with market demand and has conducted countless hours of testing to make certain that each release outperforms the last!

- The hydraulically driven PDM Pro™ provides the highest degree of metering accuracy while providing gentle seed handling; expect an even and consistent metering of any product down to as low as 6 cups product remaining!
- The EvenStreamPLUS™ Distribution System provides outstandingly consistent product distribution, even at challenging rates.



X40 Apollo System

The X40 Apollo System (with Xtend™ Wi-Fi Capability) 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. As well, valuable features such as:



Unique to the Bourgault I Series is the ability to dynamically calibrate; this means complete metering accuracy. Load cells on each individual tank provide accurate on-the-go weight monitoring to compare actual application rate to the calibrated weight.



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



The I-to-I™, or Implement-to-Implement™ option allows multiple seeding units to share the same coverage map.

ISO Apollo System

The ISO Apollo System allows you to use the virtual terminal in your tractor to monitor, calibrate and perform basic rate control functions without adding an additional screen in the tractor cab. If your tractor is not equipped with a terminal, an optional XD console is available as a dedicated monitor.





PADDLE CONVEYOR

For efficient & gentle transfer of product.

REAR-VIEW CAMERA

A rear-view camera allows you to monitor traffic behind the air seeder tank when transporting to the next seeding location.

EXTERIOR LED LIGHTS

Exterior LED lights allow for greater visibility when seeding at night.

LARGE TIRES

for decreased compaction & increased flotation.

SURGE BRAKES

Automatically applies appropriate levels of braking to greatly reduce the potential of implement damage as well as Operator stress.

Specifications

I Series CD9120 Frame Mounted Seeder™

Total Tank Volume		300		Drill Working Width	
with Wing Tank		350		40'	
T1	125	Spacing Options		7½", 10", 12"	
T2	175	Drill Tire Options		Base Model	HF Model
Wing Tank (optional)		50		Main Frame	380/55R16.5
				Front Wing	21.5x16.1SL
				Rear Wing	13.5x15FID
					380/55R16.5
Tank Tire Options				Transport Width	19'4"
Singles	IF800/70R38			Transport Height	15'3"
Singles	IF850/75R42			Weight (lb)	
Duals	IF710/70R42			7½"	51,750
				7½" w MRBs®	59,250
				10"	48,550
				10" w MRBs®	53,650
				12"	46,750
				12" w MRBs®	50,350
				Air Planter™ option adds 1,600 lb	
				Brakes	Surge Brakes (Optional)
				Load Conveyor	Paddle Conveyor with Infeed Belt (Optional)
				Rear Tow Hitch	Standard
				Run Blockage	Agtron or Topcon (Optional)
				Packer Options	4½" Semi-Pneumatic, V-Style; 4½" Semi-Pneumatic, Double Offset Shoulder; 4½" Semi-Pneumatic, Double Shoulder
				Operating Systems	X35 or ISO Apollo
				Drill Control	GaugeMaster™ (Option on PLR Opener) PackMaster™ (Option on PLW Opener) LiftMaster™ (Option on PLR & PLW)
				Seed Opener/MRB®	Optional
				Lockup	

K Series KNEX Integral Tank

Frame Mounted Seeder

The FMS™ K Series combines the Bourgault heavy-duty steel air cart tank design with industry-leading ParaLink™ Coulter or Hoe Drill Openers to create an ideal single-implement seeding system.



For the K Series FMS™, the ParaLink™ independent drill is available in either a 2-row, coulter drill system (CD), or a 3-row, hoe drill system (HD).

- Both the coulter and hoe drills operate independently of a sturdy 5" x 5" fixed frame;
- The front of the drill is designed with a solid draw hitch which transfers the load to the tractor;
- The 20' FMS™ unfolds into a rigid continuous bar. The 26' can be equipped with optional running gear on the wing to operate as a 3-plex bar for improved land following capability.
- Mid Row Bander®ID and Mid Row Bander®III are available fertilizer application options for the K Series FMS™.



CD FMS

Two different opener options are available with the coulter version of the K Series FMS™; the ParaLink Walking™ (PLW™) Opener and the ParaLink Row™ (PLR™) Opener.



HD FMS

The HD FMS™ seeding system is equipped with the ParaLink Xtreme™ (PLX™) Opener. This hoe-style opener features parallel arms and a 1:1 contour ratio for precise seed placement in variable field topography.

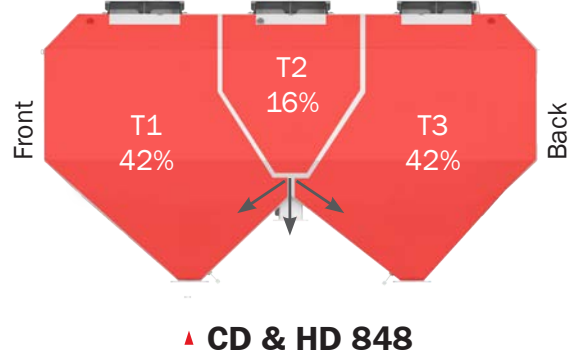
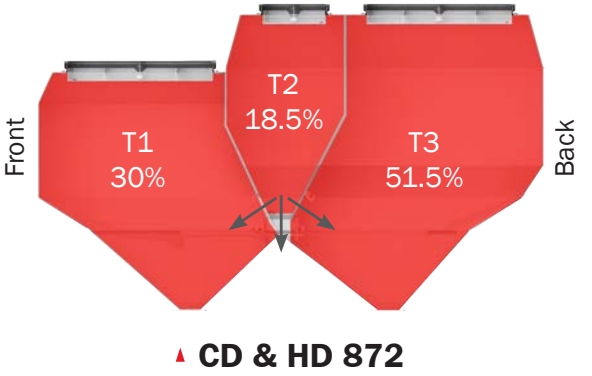


I Series Independent Tank

The Air Seeder Tanks

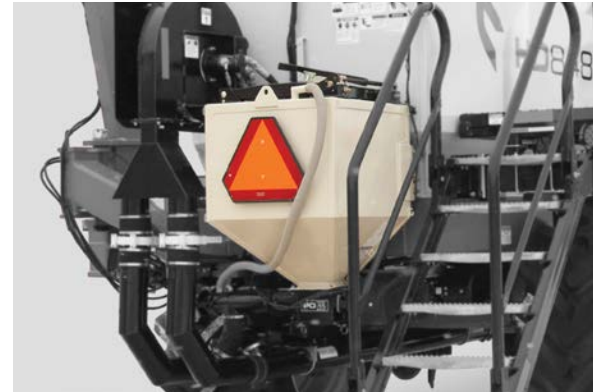
Bourgault is able to incorporate years of air seeding experience to maximize the efficiency of tank volumes for the FMS™ Operator with the KNEX™ Integral Tank Design.

Both K Series models incorporate the KNEX™ Integral Tank System. K Series tank options offer three separate compartments with independent metering from each. If working with two products, interconnecting doors and careful tank slope design allows product from the center compartment to flow into either the front or rear, maximizing efficiency in a wide range of seeding scenarios.



Saddle Tank

An optional 8 bu external tank is handy for low rate products such as fine seed cover crops, canola or granular inoculant.



BulkBoom

Unloading minibulk bags is a breeze with the BulkBoom™ Product Transfer Option. With 2,200 lb of lifting capacity right on the frame there isn't a need to transport a front end loader or forklift to the field for refilling.



Folding Load Auger

The optional 8" folding auger provides convenience when loading tanks from a truck. The hydraulically controlled holding hopper section allows the auger to be tucked safely along the tank during transport.



▲ **Optional Rear Tow Hitch**

Specifications

CD Models	CD872-8		CD872-6	CD848-8		CD848-6
Total Tank Volume with Saddle Tank	200 bu 8 bu		200 bu 8 bu	136 bu 8 bu		136 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 <i>(option)</i>	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
Working Widths	26'	30'	20'	26'	30'	20'
Opener Style	PLW/PLR		PLW/PLR	PLW/PLR		PLW/PLR
Spacing	6.5", 7.5", 10", 12"	7.5", 10", 12"	6.5", 7.5", 10", 12"	6.5", 7.5", 10", 12"	7.5", 10", 12"	6.5", 7.5", 10", 12"
Wing Casters	Optional	Standard	N/A	Optional	Standard	N/A
Transport Width	9'10"	11'2"*	9'10"	9'10"	11'2"*	9'10"
Transport Height	13'2"	15'2"	11'2"	13'2"	15'2"	11'2"
MRBs	7.5", 10", 12"		7.5", 10", 12"	7.5", 10", 12"		7.5", 10", 12"

** applies to 30' units as well as any units equipped with rear tow hitch*

ADDITIONAL SPECIFICATIONS

CD/HD848	IF710/70R38 tires are standard if extended axles are selected
FMS @ 30' (9 m)	IF710 tires are standard if extended axles are selected
Hitch Jack	Manual 2 stage hitch jack standard, optional hydraulic jack
Brakes	Optional; not available for units with rear tow hitch and/or 30 ft configurations
Front Hitch Options	
	<ul style="list-style-type: none">• Category 3 2-Point Hitch Package• Category 4 Socket - 3 Bolt• Category 5 Socket - 3 Bolt• Front Hitch Extension is required if tractor is:<ul style="list-style-type: none">- over 3 m wide with MRBs;- over 4.2 m wide, no MRBs.
Auger	Available on all sizes
Rear Tow Hitch	Requires IF710 tires with extended axles. Note: transport width is 11'2".

Working width may vary depending on the spacing chosen. Please consult our Bourgault rep for details.

	Unit Weight (empty)	Tongue Weight (max)	Working Width	
CD872-8	lb	lb	base	w/ ext.
6.5"	29,750	8,500	26'0"	N/A
7.5" w/ MRBs	31,250	10,250	25'0"	30'
7.5"	27,750	7,750	25'0"	30'
10" w/ MRBs	28,500	9,000	26'8"	30'
10"	25,750	6,750	26'8"	30'
12" w/ MRBs	25,750	7,500	24'0"	30'
12"	23,500	6,000	24'0"	30'
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	base	w/ ext.
6.5"	28,250	8,500	26'0"	N/A'
7.5" w/ MRBs	29,750	10,250	25'0"	30'
7.5"	26,250	7,750	25'0"	30'
10" w/ MRBs	27,000	9,000	26'8"	30'
10"	24,250	6,750	26'8"	30'
12" w/ MRBs	24,250	7,500	24'0"	30'
12"	22,000	6,000	24'0"	30'
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 with Saddle Tank	200 bu 8 bu		200 bu 8 bu	136 bu 8 bu		136 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 <i>(option)</i>	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	Standard	N/A	Optional	Standard	N/A
Transport Width	9'10"	11'2"*	9'10"	9'10"	11'2"*	9'10"
Transport Height	13'2"	15'2"	11'2"	13'2"	15'2"	11'2"
Brakes	Optional		Optional	Optional		Optional

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

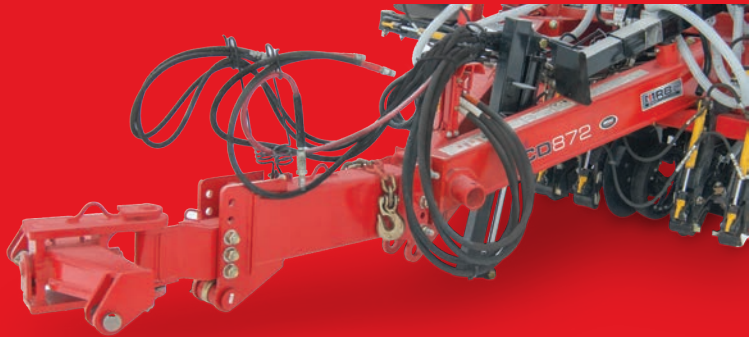
2-POINT HITCH PACKAGE

- ▶ The optional draw bar allows the FMS™ to be operated with a three-point hitch tractor.

HITCH EXTENSION

- ▶ A front hitch extension is available if the tractor is:

- over 3 m wide (with MRBs®);
- over 4.2 m wide (without MRBs®);



FMS OPTIONS

The Air Planter™



The Air Planter™ sets new standards for planting capability and productivity with the ability to: direct plant into heavy residue in no-till scenarios, while seed placing phosphate fertilizer and banding nutrients like nitrogen and sulfur mid row in a one-pass operation.

With the Bourgault Air Planter™ you can plant corn on one field and seed wheat on the next! Why buy a planter and a small grains drill when the Bourgault Air Planter™ can effectively accomplish both!

Drill Control

The X35 offers drill control features that improve both efficiency and field finish quality.

GAUGEMASTER™ (PLR™ OPENER) option provides automatic gauge wheel pressure adjustment to ensure the desired seed depth is achieved in highly variable conditions.

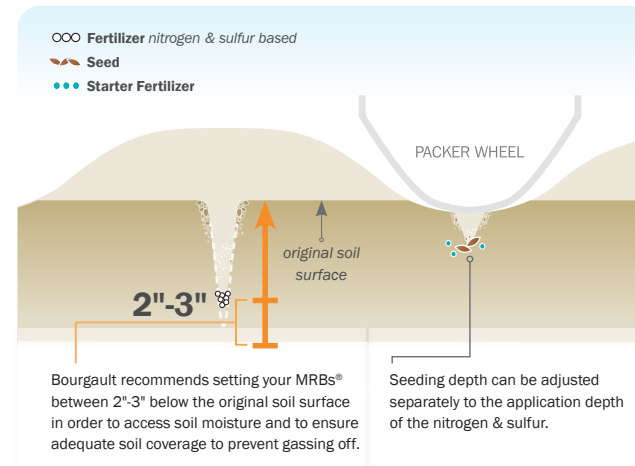
PACKMASTER™ (PLW™ or PLX™ OPENER) option provides automatic packing pressure adjustment as soil conditions change, providing more uniform results and even germination.

LIFTMASTER™ is an optional feature that, when set will automatically lift the openers when the seeding system crosses into the headlands.

Mid Row Fertilizer Application Options

When and where it makes sense to do so, the ability to apply all inputs in a single pass with fertilizer applied mid row between every second seed row using a coulter-based system allows for many advantages, some of these include:

- 1 minimal disruption to the seedbed allowing for greater ability to precisely place your seed, as well as less wear and tear on your equipment (and back) when seeding across last year's furrows;
- 2 increased efficiency which saves precious time and resources;
- 3 placing highly mobile toxic fertilizer mid row positions seed and fertilizer for optimal nutrient uptake by the developing seedling (resulting in even emergence);
- 4 allows you to place your mobile/toxic fertilizer deep enough to eliminate volatilization. From a practical perspective, containing as much of your fertilizer as possible and eliminating waste makes cents.



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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
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improvements mean that the equipment
and specifications are subject to change
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availability. Please contact your Bourgault
representative for additional information.