

PRECISION AIR 5 SERIES AIR CARTS



# PRECISION AIR™

5 SERIES AIR CARTS







## PRECISION AIR 5 SERIES AIR CARTS

9 Models | Tank Sizes From 350 – 950 Bushels

THE TANK CAPACITY YOU'VE BEEN ASKING FOR.





## MAXIMIZING THE POTENTIAL OF YOUR SEED AND FERTILIZER.

The Case IH focus is on improving your bottom line. The **exclusive** AccuSection™ modular metering control system offers precision that significantly reduces waste with built-in section control and optional curve compensation. An expanded lineup of cartridges and rollers give you the freedom to plant almost any seed or fertilizer and almost any rate. Having larger tanks means you can cover more ground without stopping to refill. And design elements throughout let you have greater access and visibility for efficient performance and maintenance simplicity. Our goal is to help you make the most of every season, soil and seed. Case IH Precision Air 5 series air carts work to make that happen.

High-Efficiency Seeding .....	4-5
AccuSection Modular Metering Control System .....	6-7
Accessibility .....	8-9
Cartridges and Rollers .....	10-11
Tank Sizes and Configurations .....	12-13
Visibility and Displays .....	14
Specifications .....	15



# HIGH-EFFICIENCY SEEDING HELPS YOU HIT TIGHT WINDOWS.

Make the most of short seeding windows with the Precision Air 5 series air carts. Designed with flexibility to fit your operation, the full lineup of air carts from Case IH helps increase seeding capacity and reduce costly overlaps. Different configurations provide the versatility for a variety of crops and fertilizer work, while our **exclusive** metering and seed delivery systems offers efficiency with various grains.





## THE LINEUP OF PRECISION AIR 5 SERIES AIR CARTS INCLUDES:

- Nine models with tank sizes ranging from 350–950 bu.
- Large tanks that allow for up to 39% more product carrying capacity than previous models. Easily cover 160 acres with one fill.
- **Exclusive** AccuSection modular metering control system reduces overlap and provides more accurate distribution across the air drill from individual header metering. Now with **curve compensation**, a Case IH exclusive.
- Tow-between configuration in sizes up to 760 bu.
- Optional factory-installed weigh scales minimize guesswork on how much seed or fertilizer is in each tank.
- Tow-behind, wagon-style configurations offer flexibility options for row spacing:
  - 30 in. row crop spacing (350 bu. only)
  - Controlled traffic for 120 in. spacing (up to 460 bu.)
- Easy-to-use interface is compatible with AFS Pro 700 or any ISO-compliant display.
- High-flotation tire package available for reduced compaction.
- Standard bin-level, low bin-level and tank differential pressure sensor.
- Air pack configuration available for Case IH Precision Disk™ air drill, Flex Hoe™ air drill and Nutri-Tiller 955 strip-till applicator.



Precision Air 2355 air cart with Precision Disk™ 500 drill.



Precision Air 3555 air cart.



Precision Air 4585 air cart.



Precision Air 2355 air cart with row crop tires attached to Nutri-Tiller 955.



Precision Air 4765 air cart.



Precision Air 4955 air cart.



Precision Air 3725 air cart.



Precision Air 3445 air cart.

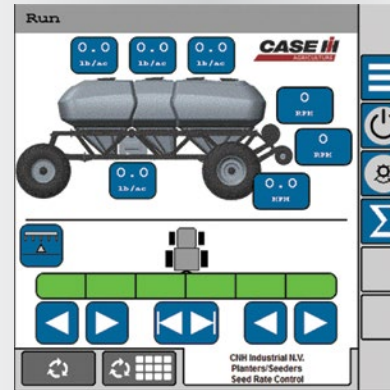
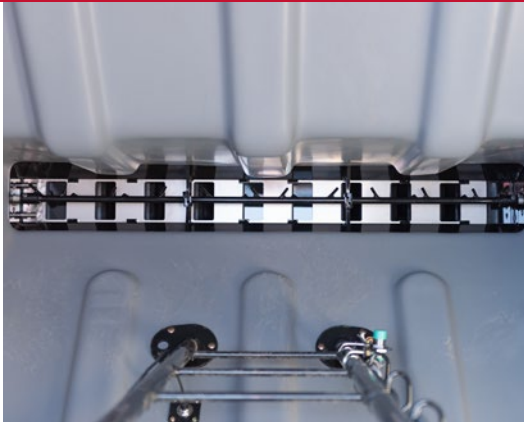


# ACCUSECTION: METERING THAT ADDS TO THE BOTTOM LINE.

With a best-in-class design, an intuitive calibration wizard and other new features, the Case IH AccuSection modular metering control system can help you avoid overseeding and overfertilizing, increase accuracy, and get more product applied in a single pass. The full range of options helps you save money by reducing waste and gives you the ability to simply change your setup for different operations. Saving on seed and fertilizer adds to your bottom line and improves your agronomics.



Meter module bank.



## PRECISE PERFORMANCE WITH OUR SEED AIR DELIVERY SYSTEM.

Extremely efficient “flow thru” air design delivers unmatched air flow from the fans to the seed meters and on to the air drill. Because the design includes no extreme bends or twists like competitive air carts, air flow is efficient throughout the system. And with no mechanical components involved with the section control, it greatly reduces the possibility for seed damage.

- Other features that enhance productivity include:
  - The industry-leading Type B distribution system provides unmatched accuracy. The primary product division is placed at the meter box with secondary division on the air drill. This creates consistency in delivery across the drill where accuracy counts.
  - EZ Flow distribution headers provide unbeatable product flow and gentle seed handling, guiding seeds through high capacity fans.

- With a convenient slide gate shut off, any tank can be shut off from the meters, even if the tank is full.
- Easily hook and unhook the air cart from the air drill or fertilizer application unit with the new stainless steel couplers with over-center latches. The new connecting tree is located on the air cart hitch, combining all primary lines, hydraulics and electrical couplers in one place.

## PRECISE CONTROL AND VISIBILITY OVER YOUR APPLICATION.

- Intuitive user interface provides the information you need on a single run page—all accessed with the press of a button.
  - Key equipment functions such as application rate, master apply, all tank on/off and rate control can be done on a single run page.

- Optional automatic section control can be set up to be controlled with the AFS Pro 700 or any ISO11783-compatible display.
- Variable rate application control is standard to better manage field variability.
- Calibration wizard makes setting rates for a desired crop easy and accurate.
- In-cab display provides a full view of the tank bin level, in-tank camera feed, ladder position and any other warnings.
- Add optional weigh scales for even more visibility to individual tank seed or fertilizer levels.
- Optional Wireless Flow Blockage Monitor (WFBM) for seed and fertilizer displays all manifold runs and sounds an alert for easy identification of blocked hoses.
- Optional product tank agitators are available for all poly product tanks.

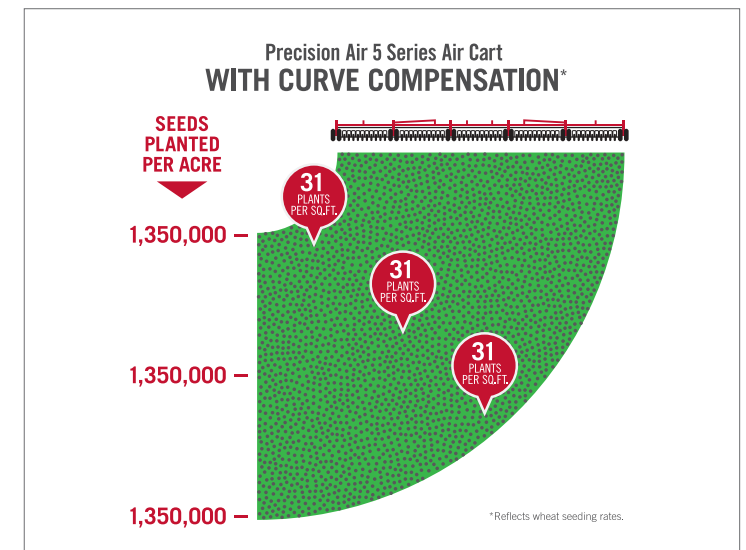
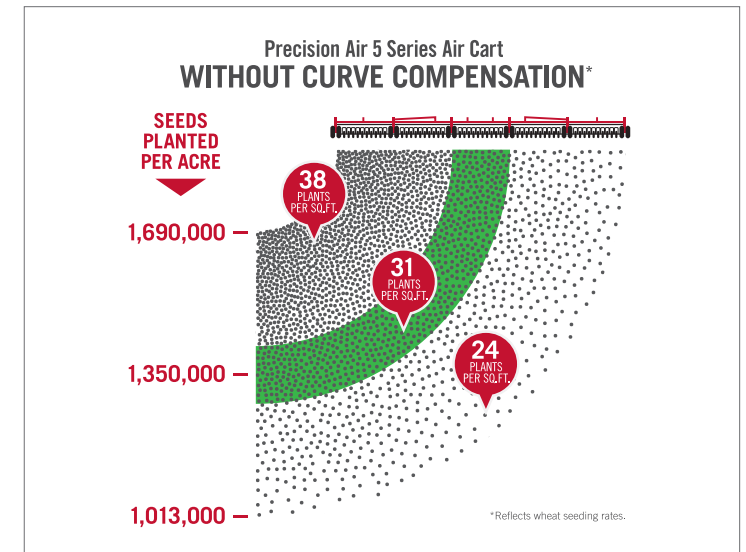
## EXCLUSIVE TECHNOLOGY TO GET MORE DONE IN LESS TIME.

- All new patented and **exclusive** AccuSection modular metering control system makes your work more efficient with the following:
  - Overlap control helps you avoid costly overseeding and overfertilizing during turns and in oddly shaped fields.
  - Improved product rate range over previous meter systems.
  - Optional **curve compensation** feature helps ensure proper plant population across the drill in tight turns and corners.
  - Independent metering by sections is **exclusive** to Case IH and allows for a higher level of accuracy and uniformity across the air drill.
  - Meters are made of a unique, noncorrosive engineered resin polymer for durability.
  - Each meter module is driven by a 24-volt motor that delivers needed power and torque to seamlessly turn the seed drives at the required speed for precise and accurate rate control and adjustment.
- Manual section control is standard.

## CONSIDER THE COST OF OVERLAP IN JUST ONE FIELD:

Overlap Cost	Wheat	Canola	Soybeans
Drill Working Width	60 ft. (18.3 m)		
Field Area	270 acres		
Field Type	Irregular		
Overlap Percentage*	9.05%		
Overlap Area — Field	24.4 acres*		
Input Cost Per Acre (Crop + Fertilizer)	\$90.45	\$139.79	\$115.00
Cost Of Overlap in This Field	\$2,210.15	\$3,415.77	\$2,806.00
Per-Acre Cost for Entire Field	\$8.19	\$12.65	\$10.39
Total Farm Acre	1,250 acres*	1,250 acres*	1,250 acres*
<b>Total Cost</b>	<b>\$10,232.16</b>	<b>\$15,813.74</b>	<b>\$12,987.50</b>

\*15 feet of overlap on every headland pass, using manual control.



# EASY ACCESS CLEARS A PATH TO PRODUCTIVITY.

Achieving maximum productivity means making it easy to do the simple things. Case IH Precision Air 5 series air carts include several features that make this possible, because we want to minimize the time you spend getting ready to go to the field. From ladders and railings to augers and conveyors, accessibility is optimized so you can get the air cart full and into the field and then do it all over again without difficulty.



## TANK FILL SYSTEMS. ■

- All carts (other than the 2355 model) can be ordered with a conveyor.
  - Increase operating speed and productivity with optional deluxe auger.
- Standard deluxe auger on models 3445 to 4585 fill at 44 bushels per minute.
- Both deluxe auger and conveyor options come standard with easy to use wireless remote control.
- All carts can also be ordered without an on-board fill system, which allows you to tailor your air cart to your needs.



## AUXILIARY TANK. ■

- Uses smooth airflow from ground filling. No need to carry bags up a ladder or to a platform.
- Provides smaller tank for low-rate crops for improved productivity.
- Available on models 4465 and 4585 in 25-bu. capacity and models 4765 and 4955 in 35-bu. capacity.
- Operator control conveniently mounted at the fill station.

## COLLAPSIBLE RAILING. ■

- No-tools-required collapsible railing adds safety measures while making it easy to lower the overall height of the unit when needed.







#### ■ SLIDE GATE TANK SHUTOFF.

- Easily apply product one tank at a time.
- Enables tank shut-off (even when full) to clean, check or change metering/roller cartridges.



#### ■ TANK LIDS.

- Designed with large opening and an effective seal when closed to ensure tank pressurization.



#### ■ OPTIONAL INDIVIDUAL TANK WEIGH SCALES.

- Minimize guesswork and stay informed on how much seed or fertilizer is in each tank.
- View tank weights from both a cart side display and on AFS Pro 700 in-cab display.
- Available on all 350-950 bu. tank size.

#### ■ FOLDING LADDER.

- Provides easy access to platform and tank lids.
- Standard ladder sensor sounds alarm in the cab if the ladder is left in the down position.
- Internal tank ladders provide easy access to the inside of the tank.





# CAPACITY TO SERVE GROWERS WHO DEMAND MORE.

Increased demands in the field require larger capacity from your seeding equipment. That's why Case IH offers air carts that can hold more, up to 950 bu. of seed or fertilizer. But beyond sheer volume, a variety of configurations also let you find the right match for how you work and what you plant. Because augers and axles are just as important as what's in the tank and getting maximum productivity from your workday requires rethinking every inch of the equipment you use.



## AXLE CONFIGURATIONS.

- Tow-between and tow-behind axle configurations on all models except 915- and 950-bu. air carts. High-flotation tire package available on all models.
- 30-in. row crop configuration for 350 bu. air cart.
- 120-in controlled traffic configuration for 435 and 460 bu. air carts.

## ONBOARD CONVEYOR/AUGER OPTIONS.

- Standard deluxe auger on most models includes wireless remote control for effortless starting and stopping.
- Auger delete option available on 350 bu. air cart.
- Conveyor available as standard or optional, depending on select models.
  - Maximum fill rate of 88 bushels per minute can fill a Precision Air 4955 air cart in less than 11 minutes.
- If desired, air carts can now be ordered without an on-board fill system.

## FLEXIBILITY AND VERSATILITY.

- Air pack configuration available for Case IH Precision Disk Drill, Flex Hoe Air Drill and Nutri-Tiller 955 strip-till applicator.
- Stainless steel couplers connecting primary lines make it easy to connect and disconnect the air cart from the air drill or fertilizer applicator.



# VISIBILITY IS THE WAY TO IMPROVED PERFORMANCE.

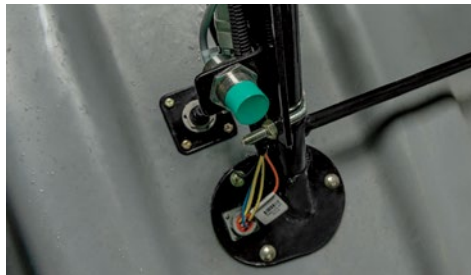
With features inside and out, Case IH Precision Air 5 Series air carts give you optimum visibility for keeping track of your inputs. At the same time, display options keep you informed, allowing you to view important information from the comfort of your cab. Sensors provide feedback, making it safer to work with new LED lights and easier to stay informed, reducing stress and saving your focus for other tasks.

## SEE WHAT'S HAPPENING INSIDE AND OUT — NO MATTER WHAT TIME IT IS.

- Optional LED work lights are located on the platform, tank meter and fill areas, which help you operate your air cart with added safety no matter what time of day you need to work, fill or calibrate.
- Optional factory-installed weigh scales indicate how much seed or fertilizer is in each tank on either an Advanced Farming Systems (AFS) Pro 700 or a cart-side display — informing the operator of how many acres can be covered until the product tank is empty.
  - Ability to perform calibration checks ensures accurate calibration rate and indicates if adjustments are necessary.
- Optional video camera packages are available. Include cameras for each tank plus one rear camera to provide ultrasonic live video feeds on the in-cab display.
- Standard factory-installed bin level and low level sensors accurately display tank and low bin alerts on the in-cab display.
- Standard factory-installed tank pressure sensors alert you of low tank pressurization caused by a tank lid left open.
- Standard factory-installed stair position sensor alerts you if the folding ladder is not stowed in the proper position for field operation.
- Optional tank full indicator lights alert you when the tank is full—eliminating the need for multiple operators.



Optional LED work lights.



Low level tank sensor.



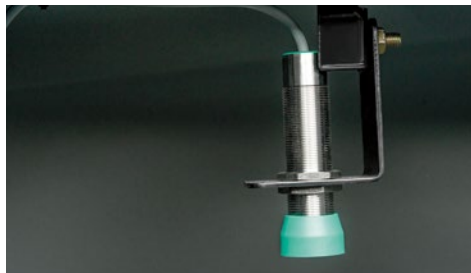
Optional tank video camera.



Tank pressure sensors.



Tank full indicator lights.



Bin level sensor.



Stair position sensor.



Optional meter bank LED work light.



# FLEXIBILITY THAT MAKES SEEDING SIMPLE, NO MATTER WHAT YOU'RE PLANTING.

Three different types of color coded cartridges and rollers give you the ability to plant almost any seed or apply fertilizer. The variety of cartridge and roller combinations are interchangeable which let you tailor the set-up to lower rates when splitting one product from multiple tanks. The air cart design also makes the cartridges easy to remove, change and service, so you can save time while switching your setup to work with a different product.

## CONFIGURATIONS TO UNLOCK THE POTENTIAL OF ALMOST ANY CROP.

CARTRIDGE	Narrow (White)	Half Width (Red)				Full Width (Black)
						
METER ROLLER	6 Flute (Black)	18 Flute (Orange)	12 Flute (Pink)	10 Flute (Blue)	6 Flute (Black & Extended Wear)	6 Flute (Black & Extended Wear)
						
CARTRIDGE RATE RANGE <sup>(1)</sup>	2–8 lb/A	2–8 lb/A	15–80 lb/A	34–150 lb/A	30–340 lb/A	120–650 lb/A
Fertilizer	Not Recommended	Not Recommended	<b>Recommended</b>	<b>Recommended</b>	<b>Recommended</b>	<b>Recommended<sup>(1)</sup></b>
Alfalfa	<b>Recommended</b>	Not Recommended	Not Recommended	Not Recommended	Not Recommended	Not Recommended
Barley	Not Recommended	Not Recommended	Not Recommended	<b>Optional</b>	<b>Optional</b>	<b>Recommended</b>
Canola	<b>Recommended</b>	Not Recommended	Not Recommended	Not Recommended	Not Recommended	Not Recommended
Inoculant	<b>Optional</b>	<b>Recommended</b>	Not Recommended	Not Recommended	Not Recommended	Not Recommended
Large Beans	Not Recommended	Not Recommended	Not Recommended	Not Recommended	<b>Optional</b>	<b>Recommended<sup>(2)(3)</sup></b>
Lentils	Not Recommended	Not Recommended	Not Recommended	<b>Recommended</b>	Not Recommended	Not Recommended
Oats	Not Recommended	Not Recommended	Not Recommended	<b>Optional</b>	<b>Optional</b>	<b>Recommended</b>
Peas	Not Recommended	Not Recommended	Not Recommended	Not Recommended	<b>Optional</b>	<b>Recommended<sup>(2)(3)</sup></b>
Rye	Not Recommended	Not Recommended	Not Recommended	<b>Optional</b>	<b>Optional</b>	<b>Recommended</b>
Sorghum (Milo)	<b>Recommended</b>	Not Recommended	Not Recommended	Not Recommended	Not Recommended	Not Recommended
Soybeans	Not Recommended	Not Recommended	Not Recommended	<b>Optional</b>	<b>Recommended</b>	Not Recommended
Wheat	Not Recommended	Not Recommended	Not Recommended	<b>Optional</b>	<b>Optional</b>	Not Recommended

<sup>1</sup> Cartridge rates listed apply for ground speeds from 4 mph to 5.5 mph. Actual application rates may vary depending on several factors, including but not limited to: product bulk density, particle size, seed treatment, moisture content, humidity, air pack configuration, row spacing and ground speed.

<sup>2</sup> A full-width cartridge is recommended for products having a larger particle size or those prone to bridging or seed flow issues.

<sup>3</sup> For products with kernel diameter larger than 10 mm (3/8"), meter rollers may need to be adapted according to the meter roller trimming procedure for large products.





Meter calibration bag.



Quickly and easily choose primary runs.



MODEL	PRECISION AIR 2355	PRECISION AIR 3445	PRECISION AIR 4465	PRECISION AIR 3555	PRECISION AIR 4585
<b>SPECIFICATIONS</b>					
Frame (Narrow/Wide)	Narrow body				
Minimum HP Requirement for Single Shoot	60	70	75	85	90
Minimum HP Requirement for Double Shoot	90	100	105	115	120
Tow Position	Tow-behind / Tow-between				
Capacity	350 bu. (12 334 L)	435 bu. (15 329 L)	460 bu. (16 210 L)	555 bu. (19 558 L)	580 bu (20 439 L)
Poly Main Tanks/Steel Auxiliary	2/0	3/0	3/1	3/0	3/1
Auxiliary Tank Capacity	N/A		25 bu.	N/A	25 bu.
Main Tank Compartment Size - US Bushels	160/190 bu.	140/105/190 bu.		190/105/260 bu.	
Weight Tow-Behind (Empty)	16,887 lb. (7 660 kg)	17,080 lb. (7 747 kg)	17,860 lb. (8 101 kg)	22,160 lb. (10 052 kg)	23,520 lb. (10 668 kg)
Weight Tow-Between (Empty)	16,920 lb.(7 675 kg)	16,140 lb. (7 321 kg)	19,400 lb. (8 800 kg)	19,220 lb. (8 717 kg)	20,400 lb. (9 253 kg)
<b>PRODUCT DELIVERY</b>					
Type	Type B primary division at meter and secondary division on seeding implement				
Shoot Configuration	Double shoot (2 fans) standard (52 gpm max. hydraulic flow required) / Single shoot (1 fan) optional (26 gpm max. hydraulic flow required)				
Number of Meter Modules	Up to 10-runs				
AccuSection Control	Standard manual sectional control by individual meter with optional automated sectional control (requires Task Controller and GPS receiver)				
Meter Drive System	AccuSection Multi-segment/variable rate metering				
Tank Fill Options	Standard auger / No OnBoard option	Deluxe auger/conveyor option/ No OnBoard option			
Auxiliary Tank Fill	N/A	Pneumatic-air delivery		N/A	Pneumatic-air delivery
Monitor System	AFS Pro 700 or ISO 11783 (ISOBUS Compliant) display required for operation				
Sensors	Low bin level, ultrasonic bin level sensor, tank and meter pressure, wheel speed, GPS speed (optional) TBT GPS position (optional), stair position, tank fill indicator				
<b>TIRES</b>					
Base Front	500/50R17 149D I2 Dual castor			18.4-38 8PR R-1 Single	
Front Hi-Flotation (Optional)	600/40-22.5 16PR I3 Dual castor			650/75R38 172A8 R-1W Single	
Base Rear - Tow-Behind	650/75R38 172A8 R-1W Single	800/65R32 167A8 R-1W Single		900/60R32 176A8 R-1W Single	
Rear Hi-Flotation - Tow-Behind (Optional)	800/65R32 AC70H Single	650/75R38 172A8 R-1W Dual			
Base Rear - Tow Between	650/75R38 172A8 R-1W Single	800/65R32 167A8 R-1W Single		800/70R38 CHO 181A8 R-1W Single	
Rear Hi-Flotation - Tow-Between (Optional)	650/75R38 172A8 R-1W Dual				
<b>DIMENSIONS</b>					
Height - with Handrails Folded Down / Up	12 ft. 10 in. (3.91 m) / 15 ft. 8 in. (4.78 m)			13 ft. 4 in. (4.06 m) / 15 ft. 8 in. (4.78 m)	
Width - Std. Flotation	13 ft. 10 in. (4.22 m)	14 ft. 3 in. (4.34 m)		14 ft. 7 in. (4.44 m)	
Width - Hi-Flotation	13 ft. 10 in. (4.22 m)	18 ft. 5 in. (5.61 m)		18 ft. 5 in. (5.61 m)	
Length - Tow-Behind, with Hitch Installed	22 ft. 2 in. (6.76 m)	25 ft. 3 in. (7.7 m)		44 ft. 4 in. (13.51 m)	
Length - Tow-Between	26 ft. 9 in. (8.15 m)	34 ft. 9 in. (10.59 m)		40 ft. 4 in. (12.29 m)	
Ground Clearance	25 in. (635 mm)				



MODEL	PRECISION AIR 3725	PRECISION AIR 4765	PRECISION AIR 3915	PRECISION AIR 4955
<b>SPECIFICATIONS</b>				
Frame (Narrow/Wide)	Wide body			
Minimum HP Requirement for Single Shoot	115		140	
Minimum HP Requirement for Double Shoot	145		170	
Tow Position	Tow-behind / Tow-between		Tow-behind	
Capacity	725 bu. (25 548 L)	760 bu. (26 782 L)	915 bu. (32 224 L)	950 bu. (33 477 L)
Poly Main Tanks/Steel Auxiliary	3/0	3/1	3/0	3/1
Auxiliary Tank Capacity	N/A	35 bu.	N/A	35 bu.
Main Tank Compartment Size - US Bushels	230/170/325 bu.		325/170/420 bu.	
Weight Tow-Behind (Empty)	20,163 lb. (9 146 kg)	26,420 lb. (11 984 kg)	29,979 lb. (13 598 kg)	31,438 lb. (14 260 kg)
Weight Tow-Between (Empty)	26,342 lb. (11 948 kg)	27,845 lb. (12 630 kg)	N/A	
<b>PRODUCT DELIVERY</b>				
Type	Type B primary division at meter and secondary division on seeding implement			
Shoot Configuration	Double shoot (2 fans) standard (52 gpm max. hydraulic flow required) / Single shoot (1 fan) optional (26 gpm max. hydraulic flow required)			
Number of Meter Modules	Up to 12-runs			
AccuSection Control	Standard manual sectional control by individual meter with optional automated sectional control (requires Task Controller and GPS receiver)			
Meter Drive System	AccuSection Multi-Segment/variable rate metering			
Tank Fill Options	Standard Conveyor/No OnBoard option			
Auxiliary Tank Fill	N/A	Pneumatic-air delivery	N/A	Pneumatic-air delivery
Monitor System	AFS Pro 700 or ISO 11783 (ISOBUS Compliant) display required for operation			
Sensors	Low bin level, ultrasonic bin level sensor, tank and meter pressure, wheel speed, GPS speed (optional), stair position, tank fill indicator			
<b>TIRES</b>				
Base Front	650/75R38 172A8 R-1W Single		800/70R38 176A8 R-1W Single	
Front Hi-Flotation (Optional)	800/70R38 176A8 R-1W Single		N/A	
Base Rear - Tow-Behind	800/70R38 CHO 181A8 R-1W Single		800/70R38 176A8 R-1W Dual	
Rear Hi-Flotation - Tow-Behind (Optional)	800/70R38 176A8 R-1W Dual		800/70R38 CHO 181A8 R-1W Dual	
Base Rear - Tow Between	800/70R38 176A8 R-1W Dual		N/A	
Rear Hi-Flotation - Tow-Between (Optional)	N/A			
<b>DIMENSIONS</b>				
Height - with Handrails Folded Down / Up	15 ft. 8 in. (4.78 m) / 17 ft. 6 in. (5.33 m)			
Width - Std. Flotation	14 ft. 11 in. (4.53 m)		21 ft. 2 in. (6.45 m)	
Width - Hi-Flotation	21 ft. 2 in. (6.45 m)		N/A	
Length - Tow-Behind, with Hitch Installed	37 ft. 8 in. (11.48 m)		46 ft. 8 in. (14.22 m)	
Length - Tow-Between	40 ft. 7 in. (11.48 m)		N/A	
Ground Clearance	25 in. (635 mm)			



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