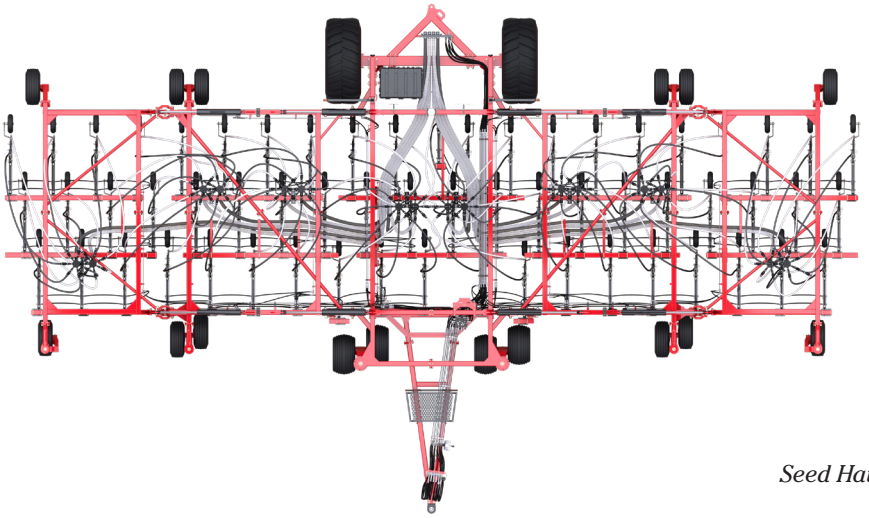
Air Seeders

Väderstad precision seeding technology

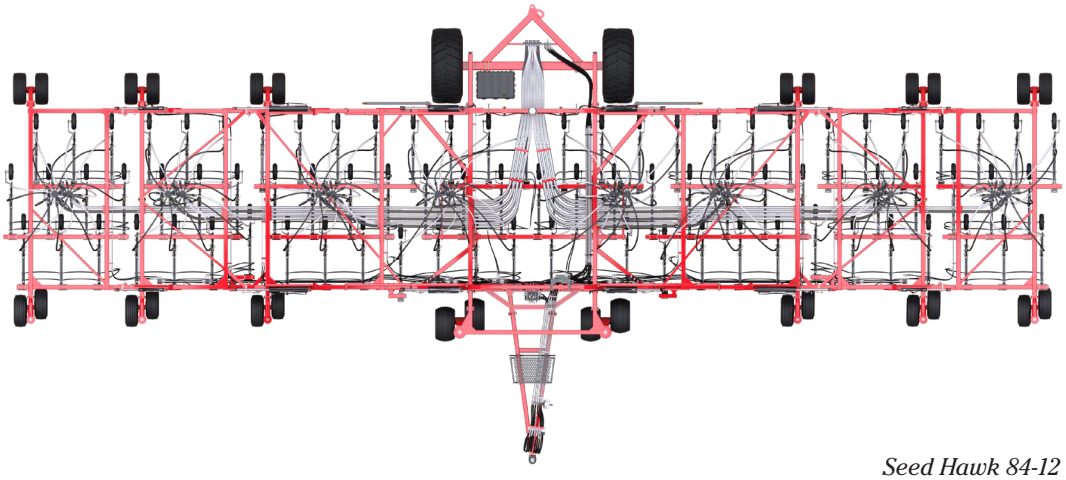


Seed Hawk 40-84

The Seed Hawk Air Drill comes in 2 different main frame configurations, depending on machine width. The Seed Hawk 40-60 boasts a narrow transport width of under 16', while the transport height is under 17'. The Seed Hawk 70-84 have slightly larger transport parameters, coming in at 29'-29'6" in width and 17'11" in height. The Seed Hawk 40-80 are available in 10" or 12" row spacing, the Seed Hawk 84 is available in 12" row spacing only.



Seed Hawk 60-12



Seed Hawk 84-12

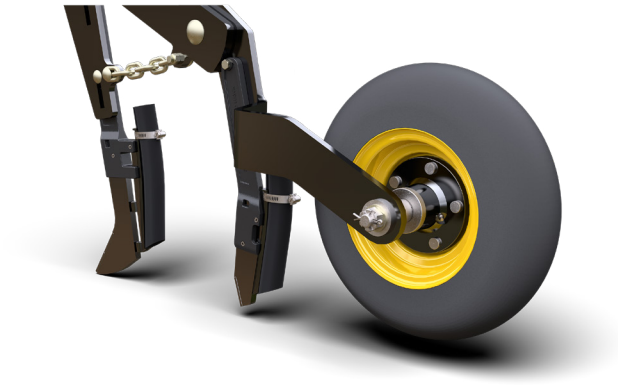
Big machines that follow the contour

The Toolbars come in 5- or 7-plex frame sections, allowing them to follow the contours of the land. Each opener assembly follows the ground independently by pivoting at the frame, controlled by its own adjustable hydraulic cylinder. A range of seed and fertilizer knives are available to suit every seeding style. With a contour following range of 18", the independent opener assemblies deliver consistent seed depth, regardless of the terrain.

Knife options to match your operations

Single Side Band Knife

The Single Side Band Knife is the leader in precision seed and fertilizer placement. It cuts separate trenches for seed and fertilizer, placing seed on undisturbed soil and fertilizer in the best position for superior uptake, while also protecting seedlings. The result is quicker germination and more even emergence, in all soil conditions.



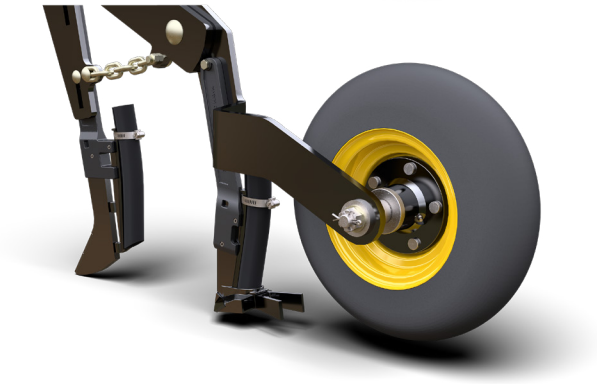
Inline Side Band Knife

The inline side band knife achieves side band placement while mounted directly behind the fertilizer knife. The angled seed knife cuts a separate shallow trench where an angled seed tube is used to place the seed 2” away from and 0.75” above the fertilizer. **Now featuring the Extend Series by BTT** seed knife: the inline design allows for better soil flow and performance in residues, resulting in a smoother field finish. The inline system allows the grower to easily switch from Side Band to Twin Row placement if desired.



Twin Wing Knife

If narrower spacing is desired, growers have the option to equip their 12 inch toolbars with twin wing openers to create 9 inch spacing between seeded rows. The design ensures that two distinct rows emerge, while providing proper separation of seed and fertilizer. The wider shank distribution improves residue clearance, and tighter row spacing increases seed bed use, making the emerging crop a better competitor for weeds.



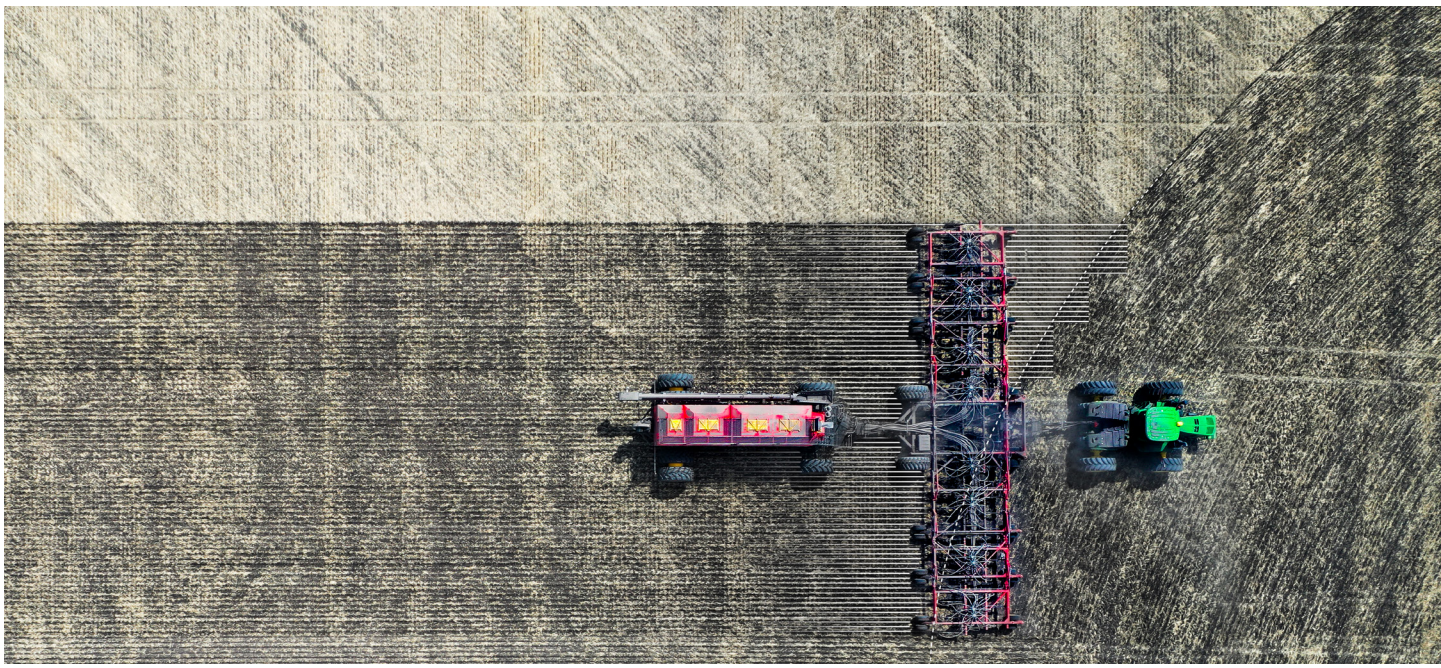
			Performance Overview							
	Available on	Power Requirements	Soil Disturbance	Trash Flow	Propensity for Plugging	Moist Conditions	Dry Conditions	Heavy Soils	Medium Soils	Light Soils
Single Side Band	10" or 12" Row Spacing	5 hp per opener	Average	Average	Minimal	Excellent	Excellent	Excellent	Excellent	Excellent
Inline Side Band	10" or 12" Row Spacing	5 hp per opener	Minimal/ Average	Improved	Average*	Marginal	Excellent	Average	Excellent	Excellent
Twin Wing	12" Row Spacing, creating 9” rows	6 hp per opener	Increased	Improved	Average**	Marginal	Excellent	Marginal	Excellent	Excellent

*Propensity for plugging largely depends on soil types and moisture. With heavier soils and high moisture, the propensity factor will be increased.

** Propensity for plugging largely depends on soil types and moisture. With heavier soils and high moisture, the propensity factor will be increased. Additionally, this knife may not be suitable for large pulse seeds at high application rates.

Sectional control technology™

Eliminate overlap with Sectional Control Technology™
Seed Hawk Sectional Control Technology (SCT) eliminates overlaps and reduces input costs, helping you achieve greater efficiency in every pass. Upgrade your machine and experience the next level of precision with SCTx



Sectional Control Technology delivers the precision to reduce seeding costs by 10% or more depending on the width of your toolbar, the variability of your land and moisture conditions. Eliminating overlap of seed and fertilizer provides uniform plant stands with great yield potential. Lodging risk is minimized due to reduced overlap that causes excess fertilizer application and thicker plant stands than desired.

SCTx with Turn Compensation

Featuring advanced turn compensation, SCTx uses an additional GPS receiver mounted on the tractor that works automatically with the Toolbar GPS. This system adjusts product rates to compensate for speed differences across 10-foot sections of the machine, ensuring uniform application throughout the field and delivering consistent plant stands for optimal crop performance.

Variable rate

The amount of fertilizer and seed required to achieve desired yield will vary across the field and, most times, over the width of the toolbar. Vaderstad's iCon system is compatible with industry leading prescription mapping to dial in the exact amount of product desired, reducing the amount of inputs used. Each 10 foot section of toolbar has its own seed and fertilizer meter to ensure greater accuracy in variable terrain.



Blockage Monitoring

In order to achieve a uniform plant stand across the field, fertilizer and seed runs must be free of blockage at all times. Väderstad's blockage system constantly monitors the flow of each run right on the iPad.



Product flexibility

With four tanks on the air carts plus the option to add liquid or NH3 fertilizer, Väderstad air seeders are able to adapt to any preference regarding the use of different products in a seeding application. All products are controlled through the iPad-based iCon control system.

Precision Delivery Air Cart 400–1350

Combining capacity, flexibility and accuracy, Precision Delivery Air Carts will improve productivity on the farm. High capacity fans, large bins and high flotation tires allow you to apply the products you require, even in the toughest conditions.





PD 400

The PD 400 comes factory standard as a three-bin, 360-bushel tank. To increase capacity, customers can order the PD 400 with an optional 40-bu front bin to increase the capacity to 400 bu.

- 40+120+150+90 bu capacities
- Available as **Air Cart only**
- Available in tow-behind (TBH) or tow-between (TBT)
- Rear axle: LSW850/55R30 tires



PD 680

The PD 680 offers the size and flexibility to keep your operation moving with the same technology found on larger Precision Delivery Air Carts.

- 60+160+160+300 bu. capacity
- Available as **Air Cart only**
- Available in tow-behind (TBH) or tow-between (TBT)
- Rear axle standard: Single 1250/50R32 tires
- Rear axle optional: Dual 30.5L32 tires



PD 820

The PD 820 allows you to get through the day with fewer fills so you can seed more acres with precision.
60+300+300+160 bu. capacity

- Available as **Air Cart only**
- Available in tow-behind (TBH) configuration
- Optional hydraulic brakes on rear axle

Three tire packages available:

- Single VF800/70R38 front axle with single IF1250/50R32 rear axle
- Single VF800/70R38 front axle with dual VF800/70R38 rear axle
- Single IF900/75R32 front axle with dual IF900/75R32 rear axle



PD 910

The **all new** PD 910 is **Väderstad's largest tow-between Air Cart** with four optimized bins. **Designed based on customer feedback** and engineered for the toughest terrain in mind.

- 93+213+213+393 bu capacity
- Available in tow-between (TBT) configuration
- Rear axle standard: Dual 710/70R42 tires
- Rear axle optional: Dual 900/60R42 tires



PD 1000

The PD 1000 combines capacity, flexibility and accuracy – and is one of Väderstad's largest air carts.

- 60+480+300+160 bu. capacity
- Available as **Air Cart only**
- Available in tow-behind (TBH) configuration
- Optional hydraulic breaks on rear axle

Three tire packages available:

- Single VF800/70R38 front axle with single IF1250/50R32 rear axle
- Single VF800/70R38 front axle with dual VF800/70R38 rear axle
- Single IF900/75R32 front axle with dual IF900/75R32 rear axle



PD 1350

The PD 1350 combines capacity, flexibility, and accuracy – and is **Väderstad's largest air cart.**

- 93+652+393+213 bu capacity
- Available in tow-behind (TBH) configuration
- Front axle: Dual 710/70R42 tires
- Rear axle: Dual 900/60R42 tires

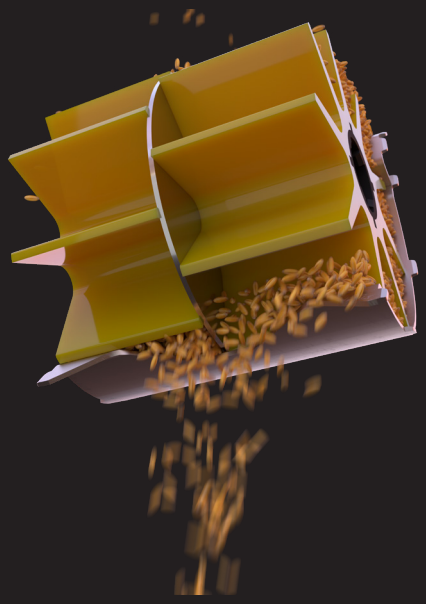


5th Bin Attachment

Boost capacity and flexibility with an optional fifth bin. Available on all steering axle-equipped models.

- +70 bu capacity on PD 820 & PD 1000
- +80 bu capacity on PD 1350

Fenix III

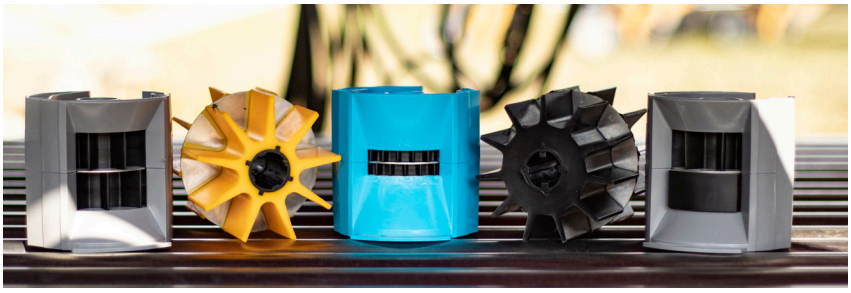


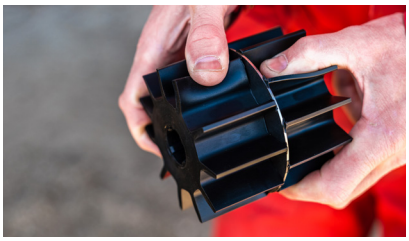
Precision and performance

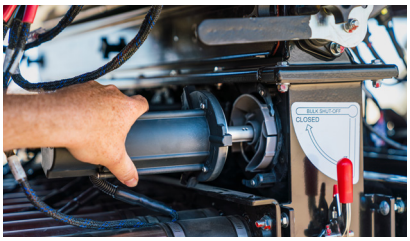
Farming's most advanced seed metering technology is engineered for exceptionally precise seeding, reliable performance and easy maintenance, year after year.

Quality metering, quality performance

With planting season often being a time-critical operation, Väderstad customers depend on the line of Precision Delivery air carts featuring the patented Fenix III metering system for unmatched product delivery. Its precise, reliable and simple operation allows for a wide range of flexibility to suit all types of seeding applications.







Reliable metering

Fenix III has heavy-duty components to ensure a robust, durable meter able to withstand a wide variety of abrasive products.

Soft roller flutes prevents jamming and motor failure, thereby ensuring a reliable rate of delivery.

Simple operation

The design of the Fenix III meter, where the roller is placed directly on the electric motor axle, makes it an easy-to-use system. With only a few moving parts and no grease zerks, maintenance is simple.

Changing rollers between crops is performed in a matter of seconds.

Roller Rates	
Roller Volume	**Roller Output**
18 cc (Blue)	1-12 lbs/acre (Low)
60 cc (Green or Grey)	3.5-45 lbs/acre (Low)
120 cc (Grey)	6-60 lbs/acre (Medium)
400 cc (Black)	30-350 lbs/acre (High)
500 cc (Yellow)	40-400 lbs/acre (High)

iCon Wireless Control System

The iPad-based iCon wireless control system delivers complete and easy wireless control of your Precision Delivery Air Cart and Seed Hawk Air Drill, even when you are not in the cab.



With a wide range of innovative features like Acres to Empty, In-field Calibration, and Fit to Field, the iCon Wireless Control system provides you with more detailed real-time information, more automation, more customizable data, and optimized prescription mapping.

Simple interface, powerful controls

Advanced control & mapping

The system meters product flow and lifts openers in ten-foot sections rather than across the full machine width. This optimises product use and protects previously seeded areas.

Enhanced cloud features

New features like pre-planned jobs and external boundary importing allow owners and farm managers set up machines prior to the seeding season.

Ease of operation

Features such as job cloning, SCT coverage control, and SCT visualization help customers maximize seeding results and make the most of their time in the season.

Optimised Rx mapping

Precise rate control and accurate zone coverage ensure that products are delivered exactly where they are needed, including zero rate zones.

Built for the modern farm

Experience wireless freedom, cloud connectivity, and continuous innovation.

Freedom to move

Carry your iCon-controlled tablet anywhere. Gain full control of your seeder without needing to go back and forth between the cab and the machine. Simplify calibration, troubleshoot blockages, and use meters to empty the air cart.

Your data, your way

The cloud-based system lets you download prescription maps and upload completed job reports from anywhere. Retrieve feature unlocks and subscriptions directly from the cloud.

Air drill size/width	40', 12.2 m	50', 15.2 m	60', 18.3 m
Row spacing, in (mm)	10/12 (250/300 mm)	10/12 (250/300 mm)	10/12 (250/300 mm)
Number of rows at 254mm (10") spacing	48	60	72
Number of rows at 305mm (12") spacing	40	50	60
Weight, lbs (kg)****	24, 895 (11,290 kg)	29,965 (13,590 kg)	32,745 (14,850 kg)
Transport width, ft (m)	15'7" (4.75 m)	15'5" (4.7 m)	15'5" (4.7 m)
Transport length, ft (m)*****	35'2" (10.7 m)	35'2" (10.7 m)	35'2" (10.7 m)
Transport height, ft (m)	16'1" (4.9 m)	16'9" (5.1 m)	16'9" (5.1 m)
Ground clearance, in (mm)	12" (300 mm)	12" (300 mm)	12" (300 mm)
Frame sections	5-plex	5-plex	5-plex
Recommended working speed, mph (km/h)	4.5-5 (7 - 8 km/h)	4.5-5 (7 - 8 km/h)	4.5-5 (7 - 8 km/h)
Hydraulic circuits required	2	2	2

Air drill size/width	70' (21.3 m)	80' (24.4 m)	84' (25.6 m)
Row spacing, in (mm)	10/12 (250/300 mm)	10/12 (250/300 mm)	12 (300 mm)
Number of rows at 254mm (10") spacing	84	96	N/A
Number of rows at 305mm (12") spacing	70	80	84
Weight, lbs (kg)****	43,365 (19,670 kg)	46,005 (20,865 kg)	47,205 (21,410 kg)
Transport width, ft (m)	29' (8.84 m)	29' (8.84 m)	29'5" (8.96 m)
Transport length, ft (m)*****	36'11" (11.25 m)	36'11" (11.25 m)	36'11" (11.25 m)
Transport height, ft (m)	17'11" (5.5 m)	17'11" (5.5 m)	17'11" (5.5 m)
Ground clearance, in (mm)	12 (300 mm)	12 (300 mm)	12 (300 mm)
Frame sections	7-plex	7-plex	7-plex
Recommended working speed, mph (km/h)	4.5-5 (7 - 8 km/h)	4.5-5 (7 - 8 km/h)	4.5-5 (7 - 8 km/h)
Hydraulic circuits required	2	2	2

*Assumes dual 30.5L32 tires on Air Cart 660 and dual IF800 tires
**Assumes all bins are full of 60lb/bu materal (wheat & blended fertilizer)
***Depends on tractor configuration
****Assumes 12" spacing, front hitch with SBR, single 30.5 rear axle and clevis rear hitch
*****Assumes clevis style hitch. If equipped with SBR

hitch, add 13.5" (34 cm)

	PD 400	PD 680	PD 820	PD 910
Metering	Electric	Electric	Electric	Electric
Total volume, bu (l)	360-400 bu (14,095 l)	680 bu (23,200 l)	820 bu (28,900 l)	910 bu (32,068 l)
Volume Bin 1, bu (l)	40 (1,410 l)	60 bu (2,100 l)	60 bu (2,100 l)	93 bu (3,277 l)
Volume Bin 2, bu (l)	120 (4,230 l)	160 bu (5,600 l)	300 bu (10,600 l)	213 bu (7,506 l)
Volume Bin 3, bu (l)	150 (5,285 l)	160 bu (5,600 l)	300 bu (10,600 l)	213 bu (7,506 l)
Volume Bin 4, bu (l)	90 (3,170 l)	300 bu (10,600 l)	160 bu (5,600 l)	393 bu (13,849 l)
Volume (Optional) Bin 5, bu (l)	-	-	70 bu (2,466 l)	-
Transport width with standard tires, ft (m)	11'5" (3.49 m)	18'5" (5.6 m)	18'8" (5.7 m)	20'8" (6.3 m)
Transport width with optional tires, ft (m)	11'10" (3.61 m)	20" (6.1 m)	22'4" (6.8 m)	22'2" (6.8 m)
Transport length, ft (m)	29' (8.84 m)	37' (11.28 m)	44' (13.41 m)	35'11" (10.95 m)
Transport length with auger, ft (m)	30'4" (9.25 m)	37'4" (11.38 m)	N/A	N/A
Transport length with conveyor, ft (m)	N/A	40'9" (12.42 m)	47'4" (14.43 m)	40'11" (12.47 m)
Transport height, ft (m)	13'1" (4.0 m)	16'2" (4.93 m)	15'10" (4.8 m)	16'6" (5.03 m)
Ground clearance, in (mm)	18" (457 mm)	18' (457 mm)	17.25" (438 mm)	22" (559 mm)
Configuration	TBH or TBT	TBH or TBT	TBH	TBT
Recommended working speed, mph (km/h)	4.5-5 (7-8 km/h)	4.5-5 (7-8 km/h)	4.5-5 (7-8 km/h)	4.5-5 (7-8 km/h)

	PD 1000	PD 1350
Metering	Electric	Electric
Total volume, bu (l)	1000 bu (35,200 l)	1350 bu (47,572 l)
Volume Bin 1, bu (l)	60 bu (2,100 l)	93 bu (3,277 l)
Volume Bin 2, bu (l)	480 bu (16,900 l)	652 bu (22,975 l)
Volume Bin 3, bu (l)	300 bu (10,600 l)	393 bu (13,849 l)
Volume Bin 4, bu (l)	160 bu (5,600 l)	213 bu (7,505 l)
Volume (Optional) Bin 5, bu (l)	70 bu (2,466 l)	80 bu (2,819 l)
Transport width with standard tires, ft (m)	18'8" (5.7 m)	21'10" (6.65 m)
Transport width with optional tires, ft (m)	22'4" (6.8 m)	N/A
Transport length, ft (m)	50'5" (15.38 m)	50'6" (15.4 m)
Transport length with auger, ft (m)	N/A	N/A
Transport length with conveyor, ft (m)	53'10" (16.41 m)	53'11" (16.43 m)
Transport height, ft (m)	15'10" (4.8 m)	16'6" (5.03 m)
Ground clearance, in (mm)	17.25" (438 mm)	17.25" (438 mm)
Configuration	TBH	TBH
Recommended working speed, mph (km/h)	4.5-5 (7-8 km/h)	4.5-5 (7-8 km/h)

Fill System Specifications

	PD 400	680 Auger	680 Conveyor	820/1000/1350 Conveyor
Make	Meridian	Brandt	Batco	Batco
Diameter in inches (mm)	8" (203 mm)	10" (254 mm)	10" (254 mm)	10" (254 mm)
Overall length in feet (m)	25'2" (7.4 m)	33'5" (10.2 m)	32' (9.75 m)	40'5" (12.3 m)
Overall width in feet (m)	3'2" (1 m)	3' (1 m)	3'3" (1 m)	3'3" (1 m)
Rated Flow Rate (bu/min)*	****	60	69	82
Incline in degrees	42	29	29	26

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The product(s) featured in this document may be protected by one or more such rights.

The Product range

Seed Hawk 40-84





40’-84’ | 10’’-12’’ | 3/8’’-1.5” | 15’7’’-29’5’’

Read more!

Air Cart PD 400-1350





400-1350 bu | 3-4 | Individual Scales | 18-500 cc

Read more!

Reliable and durable farm machinery

1 Year Warranty

*Entire machine comes with 12 month or 25,000 acres warranty from Warranty Start Date.**

3 Year Warranty

*Frame structure comes with 36 month or 25,000 acres warranty from Warranty Start Date.**

** Warranty valid period is whichever limit occurs first.*

VÄDERSTAD

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