# AIR-SEEDING EQUIPMENT Openers, air drills, precision air-hoe drills, air-disk drills, air carts





# SEED SMART. FILL FAST. FINISH

**Size up the C650 Air Cart from John Deere.** With a 650-bushel capacity, it fits perfectly between our 550-bushel and our 850-bushel carts, and it matches up well with more common tractor and tool sizes, including four of our drills.

You can fill all four tanks at 100 bushels/minute as quickly as 20 minutes\* to help you get started quicker and finish earlier. Calibrate the tank on the cart-side display without going back to your cab to input data. ActiveCal™ makes it easy and automatic to deliver seed and fertilizer with confidence. You'll also get all the latest technology features exclusive to John Deere to help you seed smart with accuracy beyond measure.





# Full Seed Ahead

The N500C CCS Air Drill delivers. When time's short and you've got plenty of ground to cover, give the command with full confidence. Full seed ahead.

The N500C Drill is the proven name for no-till precision technology, seed capacity and seeding more acres between refills.

Now it's a lot easier to access the meters, thanks to the new mainframe and larger redesigned tanks up to 120-bushel capacity. You can seed both small grains in fall and soybeans in spring at widths from 30 to 42 feet (9.1 to 12.8 m).

You'll see all the latest John Deere seeding technologies. Accurate in-cab adjustments. Fast, easy calibration. Greater seeding efficiency at headlands and waterways. Accurate population control around contours. Plus, precise seed placement by our ProSeries™ Openers.





# Superseed your expectations with each pass



# SectionCommand<sup>™</sup>

#### Take command of every acre and every input

SectionCommand is an effective, integrated, exclusive John Deere solution that reduces costly overlaps and skips that can waste seed and fertilizer, while offering more consistent fields that improve the potential of your yield.

Thanks to individual meter sections that control commodity flow, you can maintain the right application rates and row-to-row accuracy. This helps stimulate even crop emergence during the growing season and promotes consistent crop maturity at harvest. SectionCommand controls output from all meters on the cart up to eight sections.



# RelativeFlow<sup>™</sup> Blockage Software

#### Spot potential problems before they occur

It's not quite a sixth sense, but the sensors with our RelativeFlow Blockage Software come mighty close. Sensors on all primary towers and secondary hoses monitor the relative product flow, giving you a better view of the flow rate of both seed and fertilizer from the cart to the opener from inside your tractor cab. This exclusive technology can help you identify any problems before potential blockage occurs. RelativeFlow™ Blockage Sensors are now available on all air seeding tools.



# TruSet<sup>™</sup> Technology

#### Fast, easy adjustments from your cab

It's never been easier or faster to adjust your downforce on all N500, N500F, and N500C models and your fertilizer depth and trip pressure on your 76-ft. P576. Available only from John Deere, TruSet lets you complete a job that used to take several minutes in only seconds – directly from your cab. You can adapt to changing field conditions on the go. You'll promote greater seed-to-soil contact for improved germination and more consistent emergence.



## Tank Scales with ActiveCal™

#### Calibrate from your cab in just minutes

Fact: the more frequently you calibrate your seeding equipment, the more accurate it will be. With ActiveCal, you can do all the calibration from your cab to minimize the variation in product metering. It takes only minutes, so there's no need for back-and-forth trips to the cart. ActiveCal is designed to recalibrate itself throughout your work day to give you confidence in changing product weight and weather conditions.



# Wireless Controlled Hydraulic Conveyance System

#### Easy does it

With an easy-to-operate wireless remote, you can now control the conveyance arm movement and elevation effortlessly, helping you to cut down on depreciation to the most important resource in your operation: you. That's less physical strain on the operator, and fewer operators needed to move it. You can now fill your tanks without breaking a sweat. What's more, you can work the remote from anywhere near the cart.



## AirPower<sup>™</sup>2

#### More power X two

High seeding or fertilizer rates require more fan capacity than standard rates. If you need high rates in your operation, AirPower 2 delivers. With the dual fan system, you get twice the fans than the original AirPower. Plus, each fan is larger than before.

So when you need that additional power to generate a higher level of input flow, AirPower 2 has the capability to deliver what you need. And the fan housing is cast aluminum, making it lighter in weight, but more durable than ever before. You can trust your fan system will stand the test of time.

# LINK UP TO THE LATEST TECHNOLOGY

# JDLink<sup>™</sup> Connection

Connect with JDLink™ for free

With JDLink<sup>1</sup> connectivity, machine and agronomic data automatically flows to your Operations Center account, allowing you to remotely support your operators and machines.

**Location History** lets you view the path traveled by a machine over a 24-hour period for up to 60 days. Monitor location, ground speed, heading and machine state information (working or idle).

# John Deere Operations Center:

Turn your valuable information into a profitable plan of action

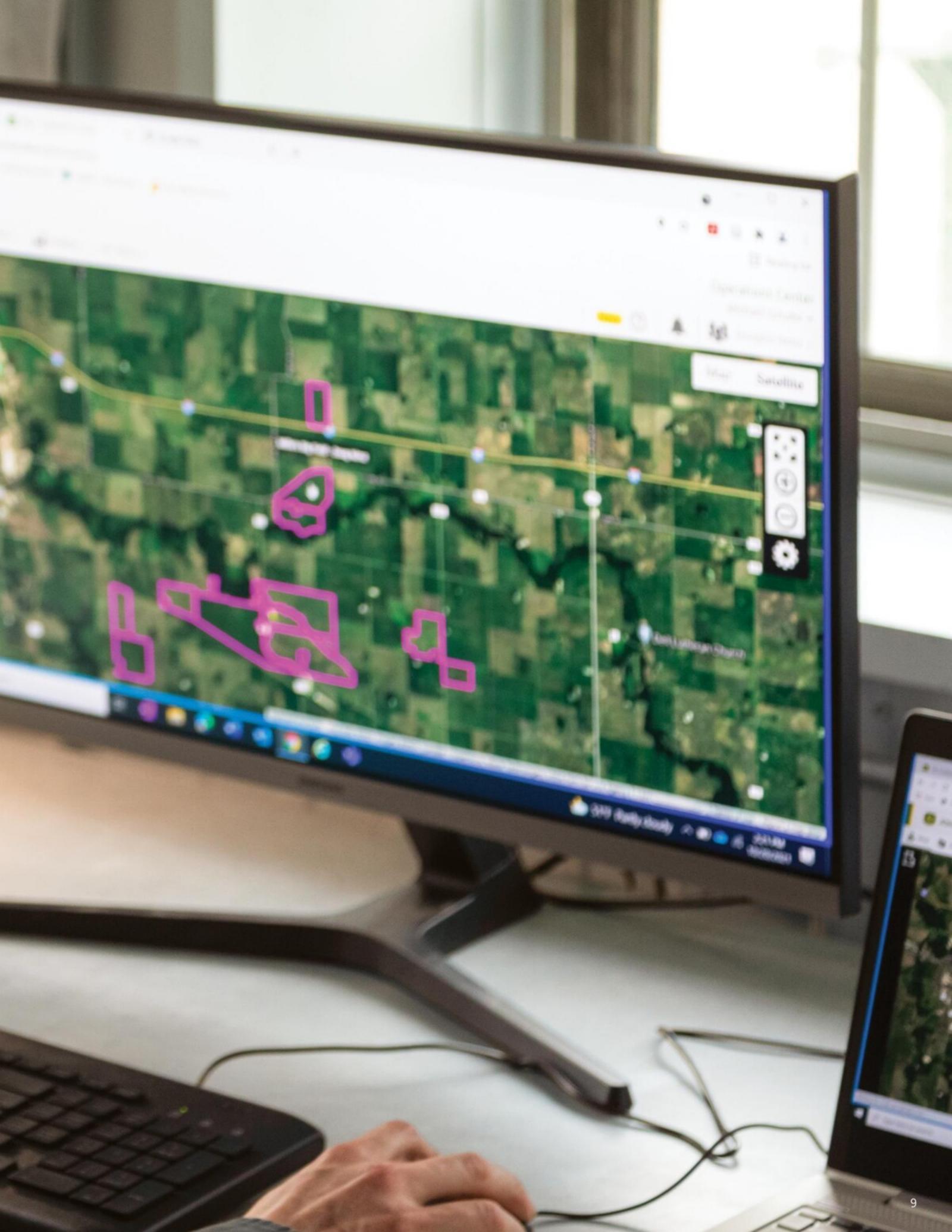
Your seeding data is only useful if you can easily access and share it away from the field. And that's where the John Deere Operations Center comes in. With it, you can turn your data into action. And with your permission, you can easily share that data with your trusted advisors.

# Operations Center mobile:

Keep track of your operation anytime and from anywhere with the Operations Center mobile app. View planting data in near-real time such as seeding speed, varieties, and as-applied and planned seeding rates.



Activation/subscription required. JDLink hardware comes standard with the machine. The customer can turn on the JDLink service in their Operations Center account for free. JDLink requires a cellular connection to transfer information from machine to JDLink website. Consult your John Deere Dealer for coverage availability.



# Seed more acres without all the extra maintenance ProSeries Opener

When it comes to seeding precision, consistent seed depth and uniform emergence in virtually all field conditions, you can superseed your expectations with ProSeries.

The narrow seed boot fits tighter to the disc which helps keep the soil in place. We've replaced the bolt with a new flag pin to keep the boot from moving. This improves accuracy and reduces wear. The redesigned seed tab fits better in the furrow and keeps the seed from bouncing out.

We've also improved the closing wheel to better close the trench to keep more anhydrous in the ground providing a boost to young plants. Ask your John Deere Dealer about ProSeries compatibility with air seeding equipment.



# P600 Precision Air-Hoe Drill Opener

#### Uniform emergence across varying field conditions

Place seed and fertilizer where you need it with the P600 Precision Air-Hoe Drill Opener. The standard residue deflector and double knife design creates a clean black strip at seeding. This provides uniform seed and fertilizer placement with a consistent spread of 0.75-in. vertically and 1.5-in. horizontally – ensuring both seed safety and quick access to nutrients to improve germination and overall crop potential.

# P500 Precision Air-Hoe Drill Opener

### Refined depth control for uniform emergence

The P500 Precision Air-Hoe Drill Opener provides excellent depth control in paired-row and single-row settings. Hydraulics keep the openers engaged, even in rocky and rolling or uneven field conditions.



# Plant and fertilize up to 60-feet wide





# Seed smart. Seed precisely.

# P600 Precision Air-Hoe Drills

Maximize your crop potential across all soil types and field conditions with our new lineup of P600 Precision Air Hoe Drills.

RelativeFlow™ blockage monitoring offers consistent row to row seeding rates, while the improved tire options will provide you with better flotation through the field. Ranging from 60- to 90-ft widths at 10- or 12-in. spacing¹, the dual knife openers provide uniform seed and fertilizer placement with a consistent spread of 0.75-in. vertically and 1.5-in. horizontally.









# Great stands start with uniform depth control

# H500 and H500F SFP Air-Hoe Drills

The H500 and H500F Separate Fertilizer Placement (SFP) Air-Hoe Drill helps you get the most out of your seed, fertilizer and machinery investments. Choose from 41-, 50- and 61-ft. widths to fit your operation.

Acre after acre, year after year, you need a seeding solution that stands up to tough field conditions, while maintaining consistent seed depth in a variety of soils and residue levels. The H500 and H500F SFP have been built with enhanced durability, longevity and your profitability in mind. And now, they feature RelativeFlow™ blockage software to help you spot potential problems before they occur.

When compared to earlier air hoe drill designs, the H500 and H500F SFP provide a much more robust design. A rigorous field testing program has proven the durability enough that John Deere is proud to offer a full, 3-year frame warranty\* on each new H500 and H500F SFP Air Hoe Drill.

\*See Dealer for details.





# Size up accuracy beyond measure

# C650 Air Cart

With a 650-bushel capacity, the C650 Air Cart matches up well with more common tractor and tool sizes, including all of our drills. You'll seed smart. Fill fast. Finish early.





# Large-scale performance for small grain seeding

## C850 Air Cart

With a large 850-bushel capacity, the C850 Air Cart offers the most favorable balance between cart, tractor, tool size and precision ag technology. The ideal configuration of less weight, less horsepower needed, reduced compaction and better emergence.

With the C850 Air Cart, you can cover 170 acres per fill and easily seed an entire quarter section. Its accuracy is the very measure of performance. That begins with our AirPower™ 2 system that uses two separate, high-capacity fans − one for seed, one for fertilizer. The results: Greater consistency across the entire drill, more uniform seed emergence, more even flowering and canopy development, and greater yields.



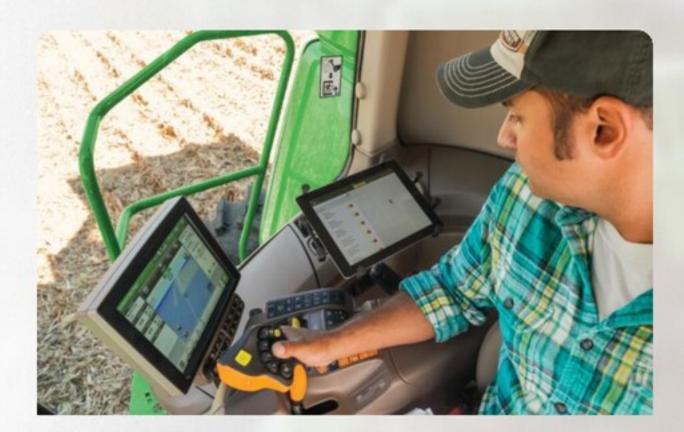






# CONNECTED TO WHAT COUNTS.





#### CONNECTED SUPPORT

With the JDLink¹ hardware, you can activate the JDLink service for free from your Operations Center account. Once activated, your John Deere Dealer offers the connection needed to keep you running when it's crunch time. With your approval, JDLink provides the bridge to proactive and predictive alerts that identify issues before they arise. From there, the dealer can remotely assess the problem saving you time and money.

#### Service ADVISOR Remote

Allows your dealer to remotely analyze Diagnostic Trouble Codes in near-real-time so technicians arrive on-site with the right parts and the right tools to quickly repair your equipment.

#### **Expert Alerts**

With your permission, Expert Alerts can proactively notify your dealer of potential machine issues. Using Service ADVISOR Remote, this helps technicians remotely diagnose your machine and fix many issues before they ever become a problem.

#### **Remote Display Access**

Allows your dealer to use Service ADIVSOR Remote from anywhere to quickly assist you with in-cab display setup and adjustments for optimal performance - eliminating the need for an on-site service call.

Learn more at JohnDeere.com/ConnectedSupport or JohnDeere.ca/ConnectedSupport.

Activation/subscription required. JDLink hardware comes standard with the machine. The customer can turn on the JDLink service in their Operations Center account for free. JDLink requires a cellular connection to transfer information from machine to JDLink website. Consult your John Deere Dealer for coverage availability.





# FIND WHAT YOU NEED AT THE ONE PARTS COUNTER

Your John Deere dealer makes sure to put the right people behind the parts counter. People who know the ins and outs of your air seeder and have a clear understanding of your unique needs. Knowledgeable and trained, they can guide you to the right part, attachment or service (if needed) to fit your budget. Stop by the one parts counter today.

- \* 12 month/unlimited hour warranty on new OEM agricultural parts installed by an authorized John Deere Dealer. 6 month/unlimited hour warranty for all new John Deere agricultural and turf equipment parts. See John Deere Service Parts Warranty US & Canada and participating dealers for more details.
- \*\* Financing on approved John Deere Financial credit only. Contact your Multi-Use Account merchant or dealer for complete details.

# THE JOHN DEERE DIFFERENCE

- Right Part for Any Budget
- Highly Trained Expert Technicians
- 12 Months Parts & Labor Warranty\*
- Short & Long Term Financing Options\*\*



#### ProSeries™ Opener Performance Upgrade

Gain agronomic advantages and extended wear life for your 90-Series opener with a ProSeries Opener performance upgrade. Offers five state-of-the-art parts: seed boot, press wheel, serrated closing wheel, seed tab and closing spring. Opener disc also included.



#### SPF Opener Performance Upgrade

Newly designed sealing plates and scrapers improve the NH3 sealing capabilities of the separate fertilizer placement opener for 90-Series. Performance upgrade bundle includes scraper, sealing plate, disk opener and hardware.



#### Heavy-Duty Bearings

Better protect your gauge and closing wheels from dirt and debris with new, heavy-duty bearings exclusive to John Deere. Excellent for tough seeding conditions and high speeds.



#### Packer Wheel

A newer and wider version of a packer wheel is now available for improved seed-to-soil content to enhance emergence.



#### Spoke Gauge Wheels

An ideal solution for seeding in wet soil conditions, spoke gauge wheels allow mud and debris to flow through the wheel for superior depth performance. Choose from narrow and conservation options.



#### **A&I Stainless Steel**

From manifolds and meter housings to run kits and tubes, A&I now offers durable, stainless-steel parts for John Deere 1900 and 1910 air carts.



#### Service

You can count on the best-trained technicians in the industry to keep you up and running. They'll be ready whenever you need them.

#### **SPECIFICATIONS**

N500 No-Till Air Drill				
MACHINE CONFIGURATIONS	7.5-in. (19.05-cm) Spacing	10-in. (25.40-cm) Spacing		
N530 (30-ft.; 9.14-m)	48	36		
N536 (36-ft.; 10.97-m)	58	44		
N540 (40-ft.; 12.19-m)	64	48		
N542 (42-ft.; 12.80-m)	68	50		
N550 (50-ft.; 15.24-m)	80	60		
N560 (60-ft.; 18.29-m)	96	72		

P600 Air-Hoe Drill	P660	P670	P680	P690	
MACHINE CONFIGURATIONS	60-ft. (18.28-m) 5-section models	<b>70-ft. (21.33-m)</b> 5-section models	80-ft. (24.38-m) 5-section models	90-ft. (27.43-m) 5-section models	
Openers system		Independent dual knife design with separate fertilizer placement.			
Standard Features	Carbide tiped knives, maintainence free pivot point and standard residue deflector.				
Number of Openers	60-72	60-72 70-84 80 90			
Row Spacing	10" or 12"	10" or 12"	12"	12"	
Number of Ranks	3	3	3	3	
Space between Ranks	50"	50"	50"	50"	

P500 Air-Hoe Drill MACHINE CONFIGURATIONS	P540 40-ft. (12.19-m) 3-section models	P556 56-ft. (17.06-m) 5-section models	P576 76-ft. (23.16-m) 5-section models
Openers system	Independent but linked fertilizer shank and seed opener		
Standard Features	Carbide on fertilizer knife and seed opener		
Number of Openers	40	56	76
Row Spacing	12-in. (30.48-cm) (Optional Paired Row)		5.5x5-in. (140x13-mm)
Number of Ranks	3	3	5.5x5-in. (140x13-mm)
Space between Ranks	Minimum of 50-in. (127.00-cm)		56-in. (142.24-cm)

N500F SFP Air Drill	N530F	N536F	N540F	N543F	N560F
MACHINE CONFIGURATIONS	30-ft. (9.14-m)	36-ft. (10.97-m)	40-ft. (12.19-m)	43-ft. (13.10-m)	60-ft. (18.28-m)
Seed Spacing	10-in. (25.40-cm)				
Fertilizer Spacing	20-in. (50.80-cm)				
Seed openers	36	44	48	52	72
Fertilizer openers	18	22	24	26	36

N500C Air Drill CCS™	N530C	N536C	N540C	N542C
MACHINE CONFIGURATIONS	30-ft. (9.14-m)	36-ft. (10.97-m)	40-ft. (12.19-m)	42-ft. (13-m)
Dual Rank Number of Openers				
7.5-in. (19.05-cm) Spacing	48	58	64	68
10-in. (25.40-cm) Spacing	36	44	48	50
Single Rank Number of Openers				
15-in. (38.10-cm) Spacing	24	28	32	34

H500 and H500F Air-Hoe Drills	H500 Air-Hoe Drill		H500F Air-Hoe Drill	
MACHINE CONFIGURATIONS	Width	Row Spacing	Width	Row Spacing
3-section models	H541 (41-ft.; 12.49-m)	7.5, 10, 12.5-in. (19.05, 25.40, 31.75-cm)	H540F (40-ft.; 12.19-m)	10-in. (25.40-cm)
5-section models	H550 (50-ft.; 15.24-m)	7.5, 10, 12.5-in. (19.05, 25.40, 31.75-cm)	H550F (50-ft.; 15.24-m)	10-in. (25.40-cm)
	H561 (61-ft.; 18.59-m)	7.5, 10, 12.5-in. (19.05, 25.40, 31.75-cm)	H560F (60-ft.; 18.29-m)	10-in. (25.40-cm)

730 LL Air-Disk Drill					
MACHINE CONFIGURATIONS Mainframe Dimensions	28-ft. (8.53-m)	36-ft. (10.97-m)	44-ft. (13.4-m)		
Туре		3-Section, 5-Bar Design with Over-Center Fold			
Cross Members		3x4-in. (75x102-mm)			
End Tubes		2x5-in. (54x127-mm)			
Hitch		6x10-in. (152x254-mm) Tubular level lift			
Rockshaft	5.5x375-in. (140x10-mm)	5.5x375-in. (140x10-mm) 5.5x5-in. (140x13-mm)			
Center Frame Width	11-ft. 9-in. (3.58-m)	11-ft. 9-in. (3.58-m)	14-ft. 9-in. (4.50-m)		



#### **SPECIFICATIONS**

Air Carts	C650 Air Cart Tow-Between	C650 Air Cart Tow-Behind	C850 Air Cart
TANKS	Four t	Four tanks	
Capacity Total	650 bu (2	2,905 L)	850-bu. (29,953-L)
Capacity per tank	Tank 1: 50-bu. (1,761-L), Tank 3: 130-bu. (4,581-L),		Tank 1: 50-bu. (1,761-L), Tank 2: 260-bu. (9,162-L), Tank 3: 130-bu. (4,581-L), Tank 4: 410-bu. (14,448-L)
TOWING CONFIGURATION			
	Tow-between	Tow-behind	Tow-behind only
DIMENSIONS			
Length	39 ft. 5 in. (12.0-m)	38 ft. 11 in. (11.86-m)	48-ft. 0-in. (14.60-m)
Width	21 ft. 8 in. (6.62-m)	20 ft. 2 in. (6.16-m)	21-ft. 8-in. (6.62-m)
Height (field)	16-ft. 3-in. 13-ft. 4-in.		16-ft. 3-in. (4.94-m) 13-ft. 3-in. (4.03-m)
Height (transport) WEIGHT	13-17. 4-10.	(4.05-m)	13-1t. 3-III. (4.03-III)
Weight (Empty)	32,920 lbs. (14,932-kg)	36,583 lbs. (16,594-kg)	40,900-lb. (18,552-kg)
CONVEYANCE			
Rate	100-bu./minute (	3,523-L/minute)	100-bu./minute (3,523-L/minute)
Tube size	12 in. (3	0.5 cm)	12 in. (30.5 cm)
Belt size	19 in. (48.2 cm)		16 in. (40.7 cm)
Low profile hopper	72 in. X 30 in. X 9-in. (183 cm X 76.2 cm X 23-cm)		72 in. X 30 in. X 9-in. (183 cm X 76.2 cm X 23-cm)
AIR SYSTEM	Dual	Fans	Dual Fans
System type	B-type		B-type
Fan Drive	Hydra	aulic	Hydraulic
Blower (diameter)	27.5-in. (6	9.85-cm)	27.5-in. (69.85-cm)
Primary air hose	Stainless-steel	Stainless-steel 3-in. (7.62-cm)	
Maximum rate	550 lb. of seed per acre at 5.5 mph and 15 degree slope (300 lb. fertilizer and 250 lb. seed)		550 lb. of seed per acre at 5.5 mph and 15 degree slope (300 lb. fertilizer and 250 lb. seed)
METERING			
Number	Five meter cartridges	s; 30 approved crops	Five meter cartridges; 30 approved crops
Meter Drive	Hydraulic		Hydraulic

1910 Air Cart				
Capacity	Tow-Between	Tow-Between		
Two Tanks	270-bu. (9,531-L)		270-bu. (9,531-L)	
	350-bu. (12,355-L)		350-bu. (12,355-L)	
Three Tanks	250-bu. (8,826-L)			
End Tubes	430-bu. (15,179-L)	430-bu. (15,179-L)		
Dimensions (Tow-Between)	Height	Length	Width	
250-bu. (8,810-L)	12 ft. 5 in. (3.78 m)	30 ft. 4 in. (9.25m)	13 ft. 8 in. (4.17m)	
270-bu. (9,515-L)	12 ft. 9 in. (3.9m)	29 ft. 2 in. (8.9m)	14 ft. 2 in. (4.32m)	
350-bu. (12,334-L)	13 ft. 6 in. (4.11m)	30 ft. 6 in. (9.32m)	14 ft. 3 in. (4.34m)	
430-bu. (15,152-L)	13 ft. 6 in. (4.11m)	32 ft. 5 in. (9.88 m)	14 ft. 3 in. (4.34m)	
Dimensions (Tow-Behind)	Height	Length	Width	
250-bu. (8,810-L)	12-ft. 5-in. (3.78-m)	27-ft. 1-in. (8.25-m)	13-ft. 8-in. (4.17-m)	
270-bu. (9,515-L)	12-ft. 9-in. (3.88-m)	25-ft. 7-in. (7.80-m)	14-ft. 2-in. (4.32-m)	
340-bu. (11,981-L)	12-ft. 9-in. (3.88-m)	27-ft. 5-in. (8.35-m)	14-ft. 2-in. (4.32-m)	
350-bu. (12,334-L)	13-ft. 6-in. (4.11-m)	25-ft.11-in. (7.90-m)	14-ft. 3-in. (4.34-m)	
430-bu. (15,152-L)	13-ft. 6-in. (4.11-m)	27-ft. 9-in. (8.45-m)	14-ft. 3-in. (4.34-m)	
550-bu. (19,381-L)	13-ft. 6-in. (4.11-m)	28-ft. 9-in. (8.76-m)	14-ft. 3-in. (4.34-m)	





Nobody cares more about keeping your equipment in solid working order than your John Deere dealer. With a complete inventory of genuine John Deere parts, highly trained service technicians, and a thorough understanding of your business, your John Deere dealer knows how to keep you and your equipment up and running.

A strong name in equipment, and a strong dealership network: get it all with John Deere.

This literature has been compiled for worldwide circulation. While general information, pictures and descriptions are provided, some illustrations and text may include finance, credit, insurance, product options and accessories NOT AVAILABLE in all regions. PLEASE CONTACT YOUR LOCAL DEALER FOR DETAILS. John Deere reserves the right to change specification and design of all products described in this literature without notice. Copyright 2022 Deere & Company.

