

# DOUBLE-SHOOT AIR DISC DRILL

P2082



# Optimized seed to fertilizer placement combined with unmatched durability.

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## **Precision, durability and accuracy increases productivity**

New Holland air disc drills offer precise, uniform seed placement, increased durability over competitive units, lower maintenance, and low soil disturbance with excellent trash flow.



### Versatility to match your demands

The P2082 air disc drill is suited to a wide spectrum of tillage practices, including no till, minimum till or conventional seeding, and performs efficiently whether in high-residue corn stalks, wheat, canola or soybean fields.



### Choose your width

The P2082 is available in 10" spacing on 30-, 40-, 50- and 60-foot widths and can seed at speeds up to 8 mph while maintaining full seed-to-fertilizer separation.



### Accurate product placement

Patented parallel-link opener design delivers industry-leading seed and fertilizer placement accuracy at higher speeds over rough terrain. The result? Best-in-class seed emergence.

# The P2082 air disc drill is built to maximize productivity.

The heart of the P2082 are the row units which deliver optimum seed to fertilizer placement combined with unmatched durability. These key features combined with the parallel row unit provide maximum productivity and while keeping maintenance costs down. Some of the row unit detailed features include:

Parallel Linkage

Unique 18-inch Gauge Wheel

Variable Pitch Down Force Spring

Rank Down-Force

Earth Metal® Disc

Sideband Seed Knife



Quick Indexed Depth Adjust

Variable Packing Pressure Adjust

Unique Packing/Closing Wheel





### Exceptional weight distribution

The New Holland disc drills have been designed to provide exceptional weight distribution that's ideal for a wide range of soils and crops. Optional weight kits available to accommodate hard to penetrate soil types and conditions.

### P2082 DOUBLE SHOOT DISC DRILL SUITCASE WEIGHT CHART

50% Ballast - Recommended for typical seeding conditions							
Size	Left Outer Wing	Left Inner Wing	Center Section	Right Inner Wing	Right Outer Wing	Total	Bracket Capacity
30 ft		500	1000	500		2000	4000
40 ft		500	1000	500		2000	4000
50 ft	500	1000	1000	1000	500	4000	8000
60 ft	500	1000	1000	1000	500	4000	8000
100% Ballast - required for drier, harder soil conditions							
Size	Left Outer Wing	Left Inner Wing	Center Section	Right Inner Wing	Right Outer Wing	Total	Bracket Capacity
30 ft		1000	2000	1000		4000	4000
40 ft		1000	2000	1000		4000	4000
50 ft	1000	2000	2000	2000	1000	8000	8000
60 ft	1000	2000	2000	2000	1000	8000	8000

New Holland Branded Standard Suitcase/tractor weight is 100 lbs. **CNH Part Number# 403140A1**

#### 0% 50% Ballast:

- Soft soil conditions or high moisture conditions
- Ballast may be removed if observe excessive soil compaction from rear carrier wheels

#### 50% Ballast:

- Recommended for average moisture and soil types

#### 50% to 100% Ballast:

- Recommended if rear carrier wheels losing firm contact with ground while seeding and/or inconsistent seeding depth

### Convenient, narrow transport

P2082 exceptional narrow transport allows for easy travel between locations.

### 25° Total wing flex

With 25 degrees of total wing flex—15 degrees up and 10 degrees down—these drills provide industry-leading ground following to maintain and maximize uniform seed placement over any topography.

### Open frame design

An open frame design allows for easy accessibility and maintenance across the width of the drill.



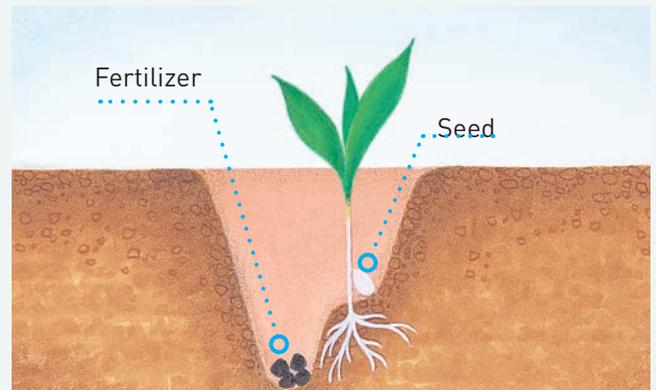
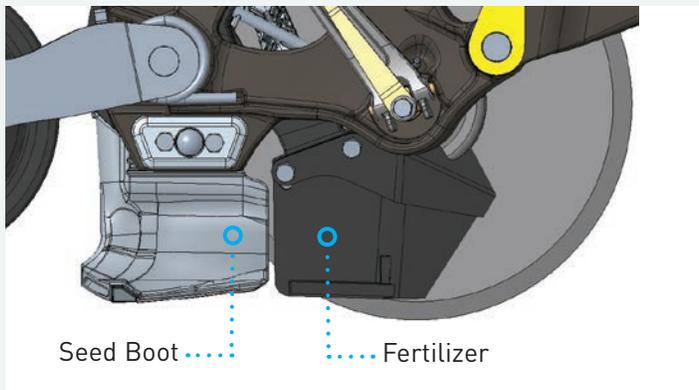
# Achieve early, uniform emergence.

## Superior agronomy with ideal placement of nutrients in the root zone

The unique sideband seed knife creates an ideal seed “shelf” one inch above and one inch to the side, providing full separation of the seed from the fertilizer band. This results in ideal placement for maximum nutrient uptake when the seed germinates.

## Sideband seed knife places seed in the root zone

The sideband seed knife places seed one inch up and one inch over in a single operation for maximum fertilizer uptake efficiency.



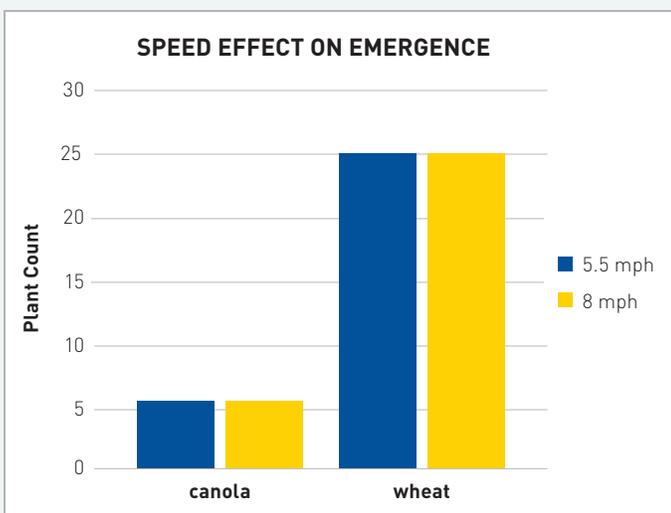
### Precise depth control with no tools needed

New larger-diameter, 18-inch gauge wheel helps clean off the coulters, reducing soil buildup and clumping. A simple, effective T-handle allows you to adjust seed depth in seconds without any tools with precise, quarter-inch increments from 1/2 inch to 2 inches. The patented parallel link opener provides industry-leading ground following and accurate seed placement at high speeds and over rough terrain to ensure best-in class emergence.



### Designed for maximum productivity

Choose from seeding widths of 30, 40, 50 and 60 feet with available 10-inch row spacing. Overall the P2082 can seed at speeds up to 8 mph and maintaining full seed to fertilizer separation benefits. Whether you seed at 4.5 mph, 6 mph or 8 mph rest assured the P2082 delivers breakthrough state of the art agronomy combined with maximum productivity.



Lakeland College Speed Trials Data

### Optimal seed to soil contact results in early emergence

A unique treaded packing wheel catches and gathers soil to smoothly close the trench for excellent seed-to-soil contact for better emergence. The textured wheel surface profile creates a soil crease for minimal soil cracking.

### 'Hair-pinning' is history: cut through the toughest residue with ease

Parallel link row unit maintains a consistent angle of attack maximizing the ability to cut through heavy crop residue. In addition the rugged Earth Metal® formulated boron steel discs are made with a hardened metal compound that won't dent or shatter. Both features allow the P2082 to work through the heaviest crop residue with no 'hair-pinning' on the front of the disc coulters.

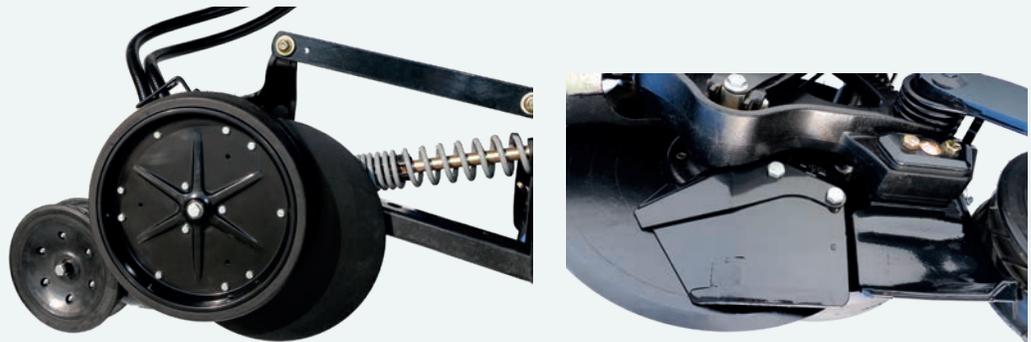
# Built for reliability.

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## **Unmatched durability combined with reduced maintenance costs**

P2082 disc drills set a higher standard when it comes to durability. The entire drill, combined with the row units and soil engaging components are built tough for unrivaled durability and longevity.





### Take a look and see how New Holland has designed durability into the P2082:

- Sideband seed knife is cast using unique metal chemistry with carbide combined with hardened steel which provides extended wear characteristics. In addition, the knife is cushioned and rubber shock isolated to prevent damage from impacts. The durable long lasting seed knife is exceptionally easy to replace and wears similar to the disc to maximize time in field and minimize service time requirements.
- Earth Metal® formulated boron steel disc blades are designed to provide unmatched strength and durability in all conditions.
- Each opener features a long-life disc scraper with integral tungsten carbide wear components.
- Entire row unit is built tough, including 1.25-inch heavy-duty main pivot spindles and pivot pins with oil-impregnated copper iron alloy bushings for unrivaled durability.
- Hardened wing pins with replaceable bushings
- Sealed double row main bearing with integral triple lip seals and external shield
- Row unit cast frame, link and adjustment handle
- Heavy-duty packer wheel
- High-strength chrome silicon springs
- High-quality, powder-coat paint finish
- Cat IV floating hitch with hardened pins and replaceable bushings



### Simple maintenance

If maintenance is required, we make it simple, easy and quick to perform. By removing two bolts and one snap ring, you can access the internal triple sealed bearings on each opener in less than 30 seconds. In addition, only two grease points per row unit significantly reduces maintenance times with one located on the gauge wheel depth adjust and other on the closing wheel arm.

# Take control of precision seeding.

## Consistent down pressure and in cab controls

Variable pitch down force springs on the row unit coupled with hydraulic rank down force keeps the row unit consistently in the ground over varying soil types and conditions. In cab down pressure control adjustment is standard equipment, allowing operators to make on-the-go adjustments without leaving the seat by using the IntelliView™ IV display. Three convenient presets help maintain ideal row-unit down pressure for changing field conditions.

(ISO11783 electronics compatible with IntelliView™ IV monitors)



## P2082 DOUBLE-SHOOT AIR DISC DRILL SPECIFICATIONS

MODEL	P2082				
Toolbar width	ft. (m)	30 (9.1)	40 (12.2)	50 (15.2)	60 (18.3)
Transport height	ft. (m)	13.1 (3.99)	13.7 (4.17)	13.2 (4.02)	14.8 (4.5)
Transport width	ft. (m)	12 (3.66)*	18.7 (5.69)*	18.7 (5.69)*	18.7 (5.69)*
Road-to-opener clearance	in. (cm)	8.5 (21.6)	8.5 (21.6)	8.5 (21.6)	8.5 (21.6)
Weight 10" spacing (empty)	lbs. (kg)	21,200 (9,615)	27,800 (12,610)	41,500 (18,825)	43,500 (19,730)
Length w/ rear hitch (pin to pin)	ft. (m)	36.4 (11.09)	38.6 (11.76)	38.6 (11.76)	38.6 (11.76)
Available spacing	in. (cm)	10 (25.4)			
Split rank capability	in. (cm)	20 (50.8)	20 (50.8)	20 (50.8)	20 (50.8)
Number of row units		36	48	60	72
Minimum tractor drawbar hp required*		216	288	360	432
Fold type		Single	Single	Double	Double
Wing sections		3	3	5	5
Tires total		12 (16 optional)		20 (24 optional)	
Center section walking beam castor tires		12.5L x 15	12.5L x 15	16.5 x 16.1 E	16.5 x 16.1 E
Rear mainframe dual walking beam tire size		18L x 16.1	18L x 16.1	16.5 x 16.1 E	16.5 x 16.1 E
Inner and outer wings walking beam castor tire size		12.5L x 15	12.5L x 15	12.5L x 15	12.5L x 15
Operating speed	mph (kph)	4.5 to 8 (7.2-12.9)			
Hitch type		Floating			
Ground following design		Parallel link			
Row unit travel from level surface	in. (cm)	8.5 (21.6) up, 11.5 (29.2) down			
Wing flex		15 degrees up, 10 degrees down			
Discs	in. (cm)	18 (45.7) at 7 degrees			
Depth settings	in. (cm)	17 position/notches T-handle adjust from 1/2 to 2" (1.3 to 5.1)			
Down pressure adjustment		In cab adjustable hydraulic			
Closing wheel variable packing pressure	lbs. (kg)	59, 71 or 84 (26.8, 32.2 or 38.1)			
Standard in-cab down pressure control	lbs. (kg)	200 to 1300 (91 to 590)		200 to 1450 psi (91 to 658)	
Hydraulic requirements	gpm (lpm)	15 (57) – 2 remotes	15 (57) – 2 remotes	30 (114) – 2 remotes	30 (114) – 2 remotes
Blockage monitoring		Optional IntelligentAg® Recon Wireless Blockage and Flow Monitor			

\* Additional horsepower is required to tow and operate the air cart. Minimum requirements are a starting point only and should be increased based on operating conditions in the field, road transport conditions, and other implements that are used with the drill. ISObus 11783 compliant display required - Recommend IntelliView™ IV

## Optional equipment

- High floatation tire option
- Auxiliary rear hitch
- Primary run blockage
- Suitcase Weights
- Hydraulic work switch
- Cross tillage hydraulic package
- Secondary run (all run) blockage

# Combine the P2082 with a Flexi-coil® P Series Air Cart.

## The most accurate meter and sectional control available.

Combine the P2082 with a new Flexi-Coil® P Series air cart and you get the accuracy of the exclusive IntelliRate™ Modular Metering System (IMMS). Add the automatic sectional control option and you are sure to get the most out of every dollar you pay for inputs by shutting off rows or sections to eliminate double applications of seed and fertilizer. With PLM™ auto guidance, the system turns off air drill sections automatically when you encounter areas that have already been covered, or at headland turns, point rows, waterways, and terraces. The system controls up to 8 primary product runs, with potential for future expandability.

## Intelliview™ IV plug and play, and sectional control ready

The IntelliView™ IV touchscreen display gives you advanced monitoring and control. It takes the guesswork out of rate setting and allows for easy on-the-go changes. The task controller is built right into the display. You can load “prescription maps” and transfer data in and out of the monitor using the USB.



## Flow and blockage sensors

The P2082 can be ordered with optional Intelligent Ag Recon® blockage sensors on each seed run or full secondary blockage on every run, which can also be viewed on a compatible iPad® device.

## Industry-leading Type B distribution system for unmatched accuracy

With primary product division at the meter box, and secondary division on the drill, the Flexi-Coil® P series air system provides unmatched accuracy and the preferred delivery system for air cart applications.

## Distribute or combine any tank to any run

Flexi-Coil® P Series air carts give you the ability to apply seed, fertilizer or granular products in a single pass. Each primary run on the IntelliRate™ Modular Metering System (IMMS) operates using patented, independent, 24-volt electric-drive motors with integrated controls that provide the flexibility to accurately apply product in either single-shoot or double-shoot applications. This modular system can distribute and combine any tank to any primary run.

## Leading accuracy and flexibility

The Flexi-Coil® P Series air carts from New Holland are “resetting the standard” for unprecedented accurate, reliable air delivery. These premium technological air carts are built on the foundation of Flexi-Coil heritage and innovation.

## Choose from nine models

Model	P2350	P3440	P4460	P3550	P4580	P3720	P4760	P3910	P4950
Capacity, bu.	350	435	460	555	580	725	760	915	950
Compartments	2	3	4	3	4	3	4	3	4
Configuration	Tow-Behind or Tow-Between						Tow-Behind		
Main Tank Material	Polyethylene Roto-molded								
Meter Drive System	Variable Rate/IntelliRate™ Modular Metering System (IMMS)								
Tank Fill Option	Auger	Deluxe Auger/Conveyor				Conveyor			
Auxiliary Tank Fill	–	Pneumatic	–	Pneumatic	–	Pneumatic	–	Pneumatic	
Auxiliary Tank Material	–	Steel	–	Steel	–	Steel	–	Steel	



# VALUE, SERVICE AND SOLUTIONS

There's a certain way of thinking that comes from living on a farm. Farming takes equal parts brain and brawn. Not to mention thick skin, calloused hands and a fair share of know how. Seasoned farmers know it helps to have equipment that's built by farmers, sold by farmers and used by farmers.

**Support at every step.** When you place your confidence in New Holland agricultural equipment, you get the finest in local support. Your New Holland dealer understands the many challenges you face and stands behind you at every step with the equipment, parts, service and financial solutions to make your job easier. Look to New Holland for a complete selection of equipment, including a full line of tractors, hay & forage equipment, harvesting, crop production and material handling equipment.

**Quality parts and service.** Turn to your New Holland dealer after the sale for expert, factory-trained service and genuine New Holland-branded parts. Your dealer has the very latest service updates and training to ensure your equipment keeps working productively season after season.

**Financing solutions.** Your New Holland dealer can tell you about smart ways to turn your financial challenges into opportunities with a portfolio of innovative financial services available through CNH Industrial Capital, including customized financing, leasing, insurance and the purchasing convenience of a Commercial Revolving Account.

For reliable equipment, parts and service — or just honest advice on farming and finance — turn to New Holland and your trusted New Holland dealer. We know. We're farmers, too.



We are proud to support the FFA.

Learn more at [www.newholland.com](http://www.newholland.com)

Design, materials and/or specifications are subject to change without notice and without liability therefor. Specifications are applicable to units sold in Canada, the United States, its territories and possessions, and may vary outside these areas.

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Safety begins with a thorough understanding of the equipment. Always make sure you and your operators read the Operator's Manual before using the equipment. Pay close attention to all safety and operating decals and never operate machinery without all shields, protective devices and structures in place.