

# P2000 SERIES SINGLE SHOOT AIR DISC DRILLS

P2080 | P2085



# Precise seeding in the toughest conditions.

---

The New Holland P2000 Series single shoot air disc drills lead the pack with a state-of-the-art design that raises the bar to an all-new level of seed placement accuracy and durability. The design of these models focuses on essential agronomic principles that lead to better stands, higher yields and more profit for you. Durable construction and easy adjustments decrease maintenance and reduce downtime. By combining efficiency and accuracy, the P2000 Series single shoot air disc drills provide maximum productivity.





### **An opener that redefines precision**

The patented parallel link opener design delivers industry-leading seed placement accuracy at higher speeds and over rougher terrain. It ensures best-in-class seed emergence in a variety of soils, seeding depths and field conditions. In addition, the low-maintenance design allows operators to spend more time where it counts – in the field.

### **Cutting-edge technology for the ultimate in seed placement**

These drills tackle the toughest and most demanding fields with ease. Their parallel-arm mounted row units provide unmatched depth accuracy.

### **Cover acres faster and smarter**

P2000 Series single shoot air disc drills are designed to operate at higher ground speeds of 7 to 8 miles per hour to cover more acres per day. These higher operating speeds, combined with widths up to 60 feet, provide unmatched productivity.

### **Versatility you will like**

Growers will appreciate superior seeding in a wide spectrum of tillage practices – from conventional to no-till. Whether you are seeding soybeans, wheat, hybrid rice or other small grains, these drills are designed to tackle the toughest and most demanding fields with ease.

### **Choose the best model for your operation:**

Model	Tank Type	Working Width (feet)	Spacing (inches)
P2080	Air Cart	30, 40, 50, 60	7.5, 10
P2085	Mounted	30, 40	7.5, 10, 15

### **Maximize Productivity**

The **P2080** disc drill model is specifically designed for Flexi-Coil® P Series air cart applications. It's offered in 30-, 40-, 50- and 60-foot widths in 7.5- or 10-inch spacing for maximum productivity.

### **The all-in-one P2085**

The **P2085** features a mounted, single-product tank and is offered in 30- and 40-foot widths, with 7.5-, 10-, or 15-inch spacing. The mounted tank holds 70 bushels on the 30-foot disc drill and 100 bushels on the 40-foot model.

# The heart of the P2000 series drill is the opener that redefines “accuracy.”



## No-tools adjustment

No tools are necessary to adjust depth on these drills. The spring-loaded T-handle on each opener allows you to easily adjust depth from 0 to 3.5 inches. The adjustment range is divided into 14 increments which are labeled for a quick visual reference.



**Patented parallel link opener** gives the operator maximum productivity and seeding precision. The design allows for optimum seed placement combined with unmatched durability in a wide variety of soil conditions.

**Angled seed boot** leads to consistent and accurate seed depth and placement.

**4.5" x 16" semi-pneumatic heavy-duty gauge wheel** provides accurate and consistent seed placement.

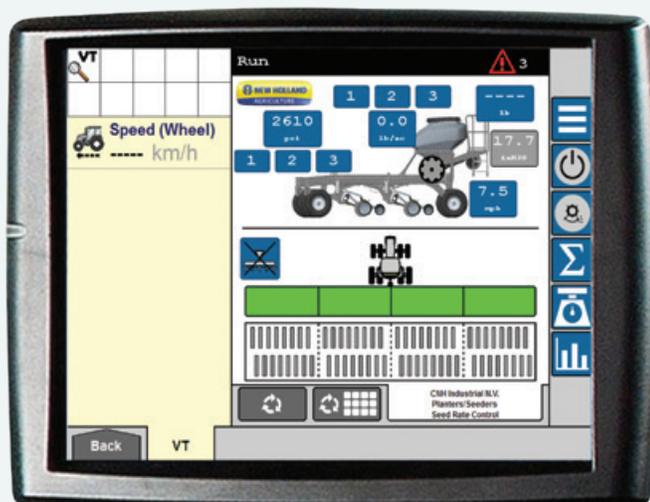
**Variable packing pressure range adjustment** on each opener allows the operator to further tailor the drill for varying moisture conditions and soil types. There are three convenient settings of 60, 70 and 85 pounds of available variable packing pressure for each row unit.

**Patented variable pitch spring** allows for consistent down pressure throughout the entire opener operating range, providing the ultimate in terrain following and seed placement.

**When the going gets tough the 18-inch disc blade** cleanly cuts through the heaviest of crop residue. This ideal disc size reduces residue 'hair pinning' and maximizes seed to soil contact for ideal seed germination. The discs are also set at a seven-degree angle to open a uniform seed trench where the seed is accurately placed.

#### A closing system to accommodate all soil conditions

A heavy-duty-rubber, smooth-faced concave 4"x12" packer wheel is designed specifically for exceptional closing in tough conditions, whether you have clay, sandy or both types of soils. The double-edge closing wheel follows behind to seal the trench and is effective in a wide variety of soil conditions. The closed trench is essential to providing maximum seed-to-soil contact for uniform germination and plant stand establishment. The hollow center of the closing system further maintains a smooth field finish and reduces soil compaction.



#### In-cab down-pressure control

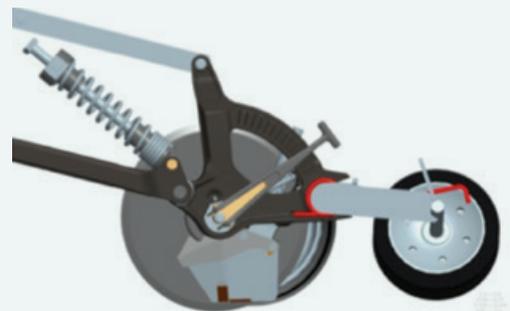
In-cab hydraulic down pressure adjustment is standard equipment, allowing operators to make on-the-go adjustments without leaving the seat by using the IntelliView™ IV display. Three convenient presets help maintain ideal row-unit down pressure for changing field conditions. (ISO11783 electronics compatible with IntelliView™ IV monitors.)

# Unmatched durability combined with reduced maintenance costs.



P2000 Series single shoot disc drills set a higher standard when it comes to durability. You'll find no other model comes close. And, durability is the key to reducing your downtime and maintenance costs. How tough are your soil and field conditions? Whether you have rocks, sandy soils or corn stalks, wear and tear is minimized in unforgiving environments. Take a look and see how New Holland has designed durability into these drills.

- **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





### Reduced maintenance and downtime

When maintenance is required, New Holland has made it simple, quick, and easy. 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 reducing maintenance times with one located on the gauge wheel depth adjust and other on the closing wheel arm.



Split rank inserts for P2080 drill



Y splitters on P2085



Electric and hydraulic hose holder

### Toolbar design

The **split rank toolbar** is changed easily to 15 inches on 7.5-inch models, and to 20 inches on a 10-inch model. To change from 7.5- to 15-inch spacing, simply lock out one of the two desired ranks. You can switch product delivery on the P2085 from front, back or to both ranks by simply rotating the Y splitter on each run. On P2080 models, you can easily switch out the EZ-Flow header inserts to deliver product to either the front or rear rank.

### 25° Total wing flex

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

### Exceptional weight distribution

These New Holland drills have been designed to provide exceptional weight distribution that's ideal for a wide range of soils and crops.



### Convenient, narrow transport

All P2080 and P2085 configurations fold to narrow dimensions for easy travel between locations.

- 30- and 40-foot models come in a 3-section vertical single-fold.
- 50- and 60-foot P2080 models come in a 5-section vertical double-fold.

# Get the benefits of a mounted seed tank.

The P2085 disc drill models feature a mounted seed tank with the capacity needed to get the job done—a roto-molded, non-pressurized-plastic, 70-bushel mounted tank for 30-foot models, and a 100-bushel seed tank for 40-foot models.

## Improved maneuverability

The mounted seed tank evens weight distribution across the machine, adding increased maneuverability.



## Easy loading

A large platform with easy accessibility and large tank opening make loading a breeze. In addition, optional tank fill lighting package is available to assist operator in low light or night fill situations.

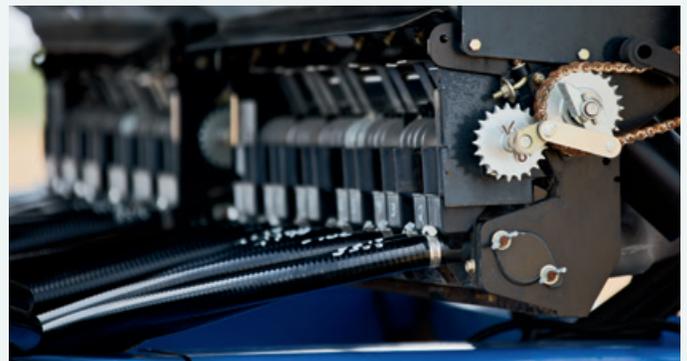
## Optional weight scales

Tank-mounted weigh scale includes a display on the rear tank platform providing unmatched ease of calibration and loading to let you operate more efficiently and with less fatigue.



## Easy-access meter box

The P2085 meter box is designed specifically for easy meter to meter for quick adjustment, cleanout and service. Variable-rate seed drive features easy rate adjustment and monitoring through the IntelliView™ IV OR ISO11783-compatible display. Outstanding access also allows you to quickly change meter segments to accommodate a wide range of seeds and crop types. A rain shield kit is also available to prevent foreign contaminants and moisture from the metering box. In addition, seed metering agitator kits are available for products prone to bridging.



# Combine the P2080 with a Flexi-coil P Series Air Carts.

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. The proof? Over 50 new patents pending, and real advantages that increase your return on investment.



### 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	IntelliRate™ Multi-Segment / Variable Rate Metering								
Tank Fill Option	Auger	Deluxe Auger/Conveyor				Conveyor			
Auxiliary Tank Fill	–	Pneumatic	–	Pneumatic	–	Pneumatic	–	Pneumatic	
Auxiliary Tank Material	–	Steel	–	Steel	–	Steel	–	Steel	

– Not available

### 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® metering system provides unmatched accuracy and the preferred delivery system for air cart applications.



### Distribute or combine any tank to any run

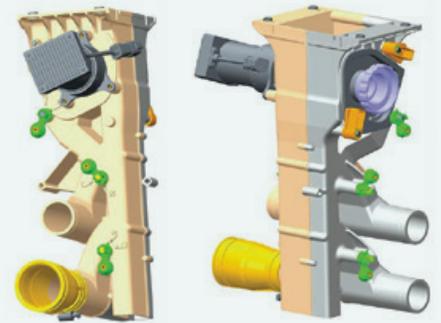
P Series air carts give you the ability to apply seed, fertilizer or granular products in a single pass. Each primary run on the IntelliRate™ Modular Metering System (IMMS) operates using patented, independent, 24-volt electric-drive motors with integrated controls that provide the flexibility to accurately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

# The most accurate meter and sectional control available.

Combine the P2080 with a new Flexi-Coil® P Series air cart and you get the accuracy of the exclusive IntelliRate™ Modular Metering System (IMMS). Add the 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 10 primary product runs, with potential for future expandability.

## IntelliRate™ modular metering system (IMMS) module variable rate control

For maximum precision, you can vary application rates on the go manually (standard equipped) or automatically with the optional task controller software combined with pre-loaded prescription maps. GPS position is communicated to the rate controller which varies application rates by zone, based your prescription map criteria like soil ph, fertility, irrigation, etc.



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

The IntelliView™ IV touchscreen display gives you advanced monitoring and control, with even faster processing power. 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

Keep an eye on your seeding job with sensors. The P2085 features standard flow and blockage sensors. When combined with the IntelliView™ IV in-cab display, the flow sensors also provide accurate seed population counts. The P2080 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.

## P2080 AND P2085 SINGLE-SHOOT AIR DISC DRILL

Models		P2080				P2085	
Toolbar width	ft. (m)	30 (9.1)	40 (12.2)	50 (15.2)	60 (18.3)	30 (9.1)	40 (12.2)
Transport height	ft. (m)	13 (3.96)	13.8 (4.2)	13.2 (4.0)	14.75 (4.5)	12.92 (3.94)	13.8 (4.2)
Transport width	ft. (m)	12 (3.65)	18.5 (5.63)	18.7 (5.7)	18.7 (5.7)	12 (3.65)	18.5 (5.63)
Road-to-opener clearance	in. (cm)	8.5 (21.6)	8.5 (21.6)	8.5 (21.6)	8.5 (21.6)	8.5 (21.6)	8.5 (21.6)
Weight 7.5" spacing (empty)	lbs. (kg)	19,600 (8900)	24,800 (11,250)	40,000 (18,144)	45,500 (20,412)	21,000 (9600)	26,500 (12,000)
Weight 10" spacing (empty)	lbs. (kg)	17,500 (7900)	22,100 (10,000)	36,000 (16,329)	41,500 (18,7597)	17,500 (8700)	23,800 (10,800)
Weight 15" spacing (empty)	lbs. (kg)	-	-	-	-	16,100 (7303)	20,520 (9,308)
Length w/ rear hitch (pin to pin)	in. (m)	36.4 (11.09)	38.6 (11.76)	38.6 (11.76)	38.6 (11.76)	36.4 (11.09)	38.6 (11.76)
Available spacing	in. (cm)	7.5 (19.1) & 10 (25.4)				7.5 (19.1) & 10 (25.4) & 15 (38.1)	
Split rank capability	in. (cm)	15 (38.1) 20 (50.8)	15 (38.1) 20 (50.8)	15 (38.1)	15 (38.1)	15 (38.1) 20 (50.8)	15 (38.1) 20 (50.8)
Number of row units 7.5" spacing		48	64	80	96	48	64
Number of row units 10" spacing		36	48	60	72	36	48
Number of row units 15" spacing		-	-	-	-	24	32
Minimum tractor PTO hp required 7.5" spacing*		195	260	304	365	195	260
Minimum tractor PTO hp required 10" spacing*		145	195	228	274	145	195
Minimum tractor PTO hp required 15" spacing*		-	-	-	-	98	131
Minimum tractor PTO hp required 7.5" spacing with air cart*		260 to 295	325 to 360	369 to 404	430 to 465	-	-
Minimum tractor PTO hp required 10" spacing with air cart*		210 to 245	260 to 295	293 to 328	339 to 374	-	-
Fold type		Single	Single	Double	Double	Single	Single
Wing sections		3	3	5	5	3	3
Tires total		12 (16 optional)		20 (24 optional)		12 (16 optional)	
Center section walking beam castor tires		12.5L x 15		16.5 x 16.1 E		12.5L x 15	
Rear mainframe dual walking beam tire size		18L x 16.1		16.5 x 16.1 E		18L x 16.1	
Inner and outer wings walking beam castor tire size		12.5L x 15				12.5L x 15	
Operating speed	mph (kph)	5-8 (8-12.7)				5-8 (8-12.7)	
Hitch type		Floating				Floating	
Ground following design		Parallel link				Parallel link	
Row unit travel from level surface	in. (cm)	8.5 (21.6) up, 11.5 (29.2) down				8.5 (21.6) up, 11.5 (29.2) down	
Wing flex		15 degrees up, 10 degrees down				15 degrees up, 10 degrees down	
Discs	in. (cm)	18 (45.7) at 7 degrees				18 (45.7) at 7 degrees	
Depth settings	in. (cm)	14 position T-handle adjust from 0 to 3.5 (8.9)				14 position T-handle adjust from 0 to 3.5 (8.9)	
Down pressure adjustment		Variable spring				Variable spring	
Closing wheel variable packing pressure	lbs. (kg)	60, 70 or 85 (27.2, 31.8 or 38.6)				60, 70 or 85 (27.2, 31.8 or 38.6)	
Standard in-cab down pressure control	lbs. (kg)	200 to 1400 (91 to 635)				200 to 1400 (91 to 635)	
Hydraulic requirements	gpm (lpm)	30 (114) – 3 remotes				30 (114) – 3 remotes	
Hydraulic system		In cab down pressure adjust standard				In cab down pressure adjust standard	
Tow between / behind air cart capacity	bushels (l)	350 (12334)	350 to 580 (12,334 to 20,439)	350 - 950 (12,334 to 33,478)	350 - 950 (12,334 to 33,478)	-	-
Mounted seed tank capacity	bushels (l)	-	-	-	-	70 (2470)	100 (3525)
Mounted tank		-	-	-	-	●	●
Display system		Requires an ISO11783 compliant display such as Intelliview™ IV				Requires an ISO11783 compliant display such as Intelliview™ IV™	
Sectional control		Up to 8 sections or primary runs on P-Series air carts				2-section standard with 4-section optional	
Blockage monitoring		○	○	○	○	●	●
<b>Optional equipment</b>		High floatation tire option, Hydraulic work switch, Weight bracket Meter roll selection (extra fine, fine, coarse) Auxiliary rear hitch, Cross tillage hydraulic package Split-rank header insert, 7.5" (19.1 cm), Primary run blockage, Secondary run (all run) blockage hydraulic work switch 1/2 width sectional control on air cart air package Packer or Gauge wheel deduct option, extended wear gauge wheel option, Intelliview™ IV Display				High floatation tire option, Hydraulic work switch, Weight bracket, Meter roll selection (extra fine, fine, coarse), 4-section metering with overlap control, GPS speed sensor, Rain shield kit, Standing Calibration kit, Packer or Gauge wheel deduct option, Extended wear gauge wheel option, Tank mounted weight scales, Tank fill lighting package, Intelliview™ IV Display	

● Standard ○ Optional — Not available

\* 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.



# 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.

© 2020 CNH Industrial America LLC. All rights reserved. New Holland is a trademark registered in the United States and many other countries, owned by or licensed to CNH Industrial N.V., its subsidiaries or affiliates. Any trademarks referred to herein, in association with goods and/or services of companies, other than owned by or licensed to CNH Industrial N.V., its subsidiaries or affiliates, are the property of those respective companies.



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.