

Planting Equipment

Drawn and mounted planters, ExactEmerge™, MaxEmerge™ 5e, and MaxEmerge™ 5 row units



JOHN DEERE



CONTROL WHAT YOU CAN

No matter what you grow or how many acres you plant, one thing is true: getting the best yields possible starts with getting the most uniform stand possible. And that means getting seed into the ground quickly, within the optimal weather window, and with consistent depth and spacing.

Overlooking depth, spacing, and population uniformity can easily rob your crop of yield potential ... potential you can't get back once it's lost, even if you do everything else perfectly for the rest of the growing season.

That's why John Deere offers a complete line of planting equipment, with configurations to handle nearly any crop or cropping system, row units designed for accurate, consistent, efficient seed placement, and the optional features to accommodate a range of conditions.

So it only makes sense to control what you can ... by selecting the most appropriate variety or hybrid, and by counting on John Deere planting equipment to get those seeds into the ground as quickly as possible, without costly skips, and with consistent depth and spacing.

ExactRate Liquid Fertilizer System

The ExactRate Liquid Fertilizer system is a high-performance solution that's perfect for larger-acreage corn producers who want to maximize their yield potential with higher-rate, at-planting N applications.

ExactRate features integrated, from-the-factory tanks*, pumps, and plumbing that boost carrying capacity to roughly 80 acres' worth of liquid fertilizer, all while improving visibility, improving cab entry and exit, and providing a single point of support.

**Only available on 8RX tractors*





4-5 Row Units

6-7 Options For Your Planter

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PRO-LEVEL PLANTING POWER

ExactEmerge™ Row Unit

Increased accuracy up to 10 mph (16 kmh)

The industry-leading ExactEmerge™ Row Unit is designed to do one thing: put seed into the ground, at speed, with pinpoint population and spacing accuracy. The key? The exclusive BrushBelt™ Delivery system. The BrushBelt system doesn't drop seed...it places each seed precisely at the bottom of the trench, with no bouncing or rolling that effects even emergence.

Feeding the BrushBelt is a high-performance vacuum meter that lets you plant a wide range of seed shapes and sizes, all at once, with no mechanical adjustments. New and updated components like the poly-tine doubles eliminator and redesigned concave deliver singulated seed accurately and gently to the BrushBelt, giving you precise population control, even on sloping terrain, and even at speeds of up to 10 mph (16 kmh).

So when minutes count, look to ExactEmerge to get you in and out of the field quickly, with pinpoint population and spacing accuracy.

- 7% higher soybean survival rate, as compared to other manufacturers' row units*
- Super-accurate placement, even at planting speeds of up to 10 mph (16 kmh)
- Unmatched population uniformity



MaxEmerge™ 5e Row Unit

The most versatile option

Curved, oddly-shaped fields are no problem for the MaxEmerge 5e Row Unit. Electric drives allow the outer units to maintain population accuracy around curves, and make the MaxEmerge 5e Unit perfectly suited to variable rate planting systems. Corn and soybean growers can see overall yield potential improved by 1-2% compared to traditional row units thanks to more precise population and spacing.** Order your planter with MaxEmerge 5e row units, and you'll get:

- Electric drive meters that eliminate the chatter and wear typical of mechanical drives
- Row-by-row shutoff for perfect spacing when you're planting around corners and curves
- The largest approved list of crops planted

MaxEmerge 5 Row Unit

Solid performance. Solid value.

No other row unit gives you as much performance for the money as the MaxEmerge 5. Compare MaxEmerge 5 to our previous generation of row units, and you'll find an improved doubles eliminator that helps deliver accurate populations with a huge variety of crops; improved performance on slopes of up to 14 degrees; plumbing and hopper improvements that virtually eliminate plugging; and a wide range of hopper and insecticide options to help you tailor the MaxEmerge 5 to your unique operation.

Older planter costing you yield?

Don't replace it. Upgrade it.

Your equipment is a big investment and you've got it running just how you want it. If worn-out planter parts are costing you yield, then don't just replace them – upgrade them. Similar to purchasing new from the factory, you get a new serial number and 1-year warranty – for a lower price than buying new. **More information on Precision Upgrades on page 24 and 25.**

* Darr M, Bergman R. High Speed Planting Technology. Iowa State University Extension and Outreach, Integrated Crop Management. 2020 March 13. <https://crops.extension.iastate.edu/cropnews/2020/03/high-speed-planting-technology>

** Internal John Deere comparison between MaxEmerge 5e row units and components with original MaxEmerge row units and components.



CUSTOMIZABLE FOR YOUR CONDITIONS

A wide range of options allows you to customize your planter to your specific soil types and residue levels. Talk to your John Deere dealer to learn more about the full range of available options.

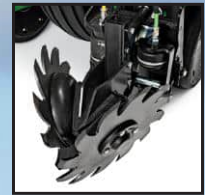
Individual Row Hydraulic Downforce (IRHD) The best system for field variability

Individual Row Hydraulic Downforce helps ensure consistent planting depth and optimal seed-to-soil contact, even in rapidly changing field conditions. IRHD adjusts downforce up to 5 times per second, and can make a 100-pound adjustment in less than 1 second. Our built-in accumulator helps take shock out of your row unit, and assists with your planter's overall ride. You wouldn't drive your truck without shocks, so don't take your planter to the field without IRHD!

- Promotes up to 9% higher grain yield potential*
- Features an integrated accumulator to help protect row units from shock
- Ensures each seed is placed at the same depth
- Promotes optimal seed-to-soil contact for a picture-perfect stand

Residue Management

Every John Deere planter is available with a variety of standard coulters blades and row cleaners. But for the most in versatility and ease of use, order our Easy Adjust row cleaners, available on ExactEmerge and MaxEmerge 5e Row Units. With Easy Adjust, you can select any of three preset heights, from the cab, with the touch of a button ... no tools, no climbing under the planter.



* *Planting Outcome Effects on Corn Yield*, "Crop Insights by Tom Doerge, Mark Jeschke and Paul Carter https://www.pioneer.com/us/agronomy/corn_planting_outcome_effects.html



Closing wheels and systems

Good seed-to-soil contact is critical for fast, uniform emergence. That's why we offer a full selection of closing systems, so you can tailor your planting system to your crops and conditions.

Pneumatic closing wheels. Available on MaxEmerge 5e and ExactEmerge row units, pneumatic closing wheels allow adjustments from the cab in just seconds, and provide consistent trench closing in rough field conditions.



Standard rubber-tire closing wheels. Good for most conventional and no-till fields, our standard wheels allow for spacing and stagger adjustments for improved residue flow.



Cast-iron closing wheels. Best for tough soils and heavier residue, when you need more pressure to close the furrow. Like our standard wheels, the cast-iron wheels are adjustable for stagger, spacing, and angle.



Disk closing system. Best for planting at shallow depths in lighter soils, this pushes soil against and over the seed while the press wheel applies easy pressure for good seed-to-soil contact.



THE MOST ADVANCED CORN AND BEAN PLANTER AVAILABLE.

Corn and soybean growers, meet the most flexible, most technologically advanced planting system on the market: the John Deere 1795 Planter. Available in configurations to meet a wide range of row counts and spacings, the 1795 brings together John Deere's most practical and productive planting technologies: Central Commodity System (CCS) bulk seed delivery in 70-, 100-, or 130-bushel capacities (depending on configuration); available ExactRate fertilizer system for unmatched application accuracy at speed; and compatibility with Individual Row Hydraulic Downforce to maintain seed depth and soil contact regardless of soil conditions. And it's all supported by a rugged frame that folds to an easy-to-manage 12-foot transport width.

- The 1795 Planter is available in 12 row split 23/24 and 16 row split 31/32, both with 15/30-inch spacing, or 24 row with 20-inch spacing.
- MaxEmerge 5 Row Units are standard; the 1795 can also be ordered with ExactEmerge or MaxEmerge 5e Row Units.
- The unique frame design of the 1795 positions seed in front of the mainframe, transferring weight onto the tractor when the planter is raised, and eliminating negative hitch weight.





1775NT Planter

CAPACITY. MANEUVERABILITY. FLEXIBILITY.



If you're looking for a capable, versatile planter that fits into just about any operation, look to the 1775NT. Available in 12R30, 16R30, and 24R30 configurations, the 1775NT packs plenty of planting capacity into a front-folding design that slims down to a comfortable, 12-foot transport width. A full 21 degrees of wing flex enable more consistent planting depth, even on rolling or terraced ground. Plus, the 1775NT is available with factory-installed center-section tracks to give you a larger footprint and reduced compaction on softer ground.

- The ExactRate fluid transfer system allows for easy connection to ExactRate tractor tanks, enabling up to 1,600 gallons (6056 L) of fluid carrying capacity between the tractor and planter tanks.
- The 1775NT with MaxEmerge 5 Row Units give you 225 to 600 gallons of granular insecticide capability; the 1775NT is also available with ExactEmerge or MaxEmerge 5e Row Units.
- Reduce compaction with optional factory-installed center-section tracks.



PLANTING PERFORMANCE THAT'S EASY TO HANDLE.

The 1745 Planter gives you big performance, maneuverability, and customizability, all in a compact design that's easy to handle on narrow roads, and easy to pull and power with older, smaller tractors.

The 1745 is built to plant soybeans in 15R15, and corn in 8R30 configurations. Liquid or dry fertilizer options are available on non-bulk-full models, and give you either 300 gallons (1,136 L) of liquid capacity or 42.4 cu ft (1200 L) of dry capacity. Outfit the 1745 with our Central Commodity System, and get 50 bushels of seed-carrying capacity and bulk-fill capability suitable for a wide range of crops. And corn growers can get fewer skips and overlaps, and see average seed savings of 4.3%, with available Section Control.*

- The mechanical radial bean meter offers improved soybean spacing and population control compared to feed cup or conventional brush meters. Seed 'pools' in the meter chamber until it's routed to individual cells, where it's held before it drops gently through the seed tube into the furrow.
- The ProMAX 40 Flat Disk accurately singulates corn seeds of different sizes or shapes, and is designed to allow seed to be released from the optimal position above the seed tube. The disk has 40 holes, requiring fewer revolutions to apply the desired population; compared to the standard corn seed metering disk less agitation is needed, reducing the chances of seed damage.**
- Get bulk filling and carrying capacity with the Central Commodity System, now available for 1745 Planters.



* Auburn University study between planters equipped with and without Section Control. <https://ssl.acesag.auburn.edu/pubs/docs/A/ANR-2217/ANR-2217-low-archive.pdf>

** Internal John Deere comparison between ProMax 40 Flat Disk and the standard corn seed metering disk that has 30 holes.





RIGID, FLEX, OR NARROW: FIND THE PERFECT PLANTING SOLUTION.

No matter what your crops, field conditions, or tillage practices, there's a John Deere planter that fits. For a compact performer in a variety of conventional and conservation tillage systems, look to the 1755 Planter, available in 4-, 6-, or 8-row configuration, and with a wide range of row spacings. Optional liquid and dry fertilizer and chemical systems let you put the nutrients and protection your growing crop needs, right where it's needed.

- The 1765 Planter is available in standard, flex, and narrow-transport (NT) configurations; the flex and rigid versions give you 12R30 capability, while the 1765NT gives you 6R30 planting. Both the rigid and NT versions can be ordered with a liquid fertilizer system featuring either 300-gallon (1135.6L, 8-row configurations) or 450-gallon (1703.4 L, 12-row configurations) of liquid carrying capacity. For growers with rolling or terraced ground, the 1765 Flex allows up to 20 degrees of flex to help maintain consistent seed depth.
- The 12R30 1775 Flex is our largest planter with dry fertilizer capability, making it a solid, versatile fit for a variety of field types and tillage practices. With 20 degrees of upward movement and 30 degrees of down, the 1775 Flex glides over just about any type of field.





EVERY SEED. EVERY PASS. EVERY SPRING.

Cotton growers, increase your planter technological capability with the new 1725C planter. Available with or without a CCS tank, this planter offers you the best agronomic technology available for uniform emergence, uniform spacing, correct population, and nutrient placement. Choose between ExactEmerge or MaxEmerge 5e row units, space offerings of 30-, 36-, 38-, or 40 inches and decide between a CCS tank with a folding staircase or one of our three factory installed hopper options: 1.6 bu MaxEmerge 5e or ExactEmerge*, 2.7 bu ExactEmerge, or 3.0 bu MaxEmerge 5e.

Technologies include:	Additional Features:
Electric Drive Row Units	12 row or 16 row option
Pneumatic Row Cleaners	55 bu CCS Tank
Pneumatic Closing Wheels	Folding Step Ladder
Individual Row Hydraulic Downforce	3 Factory Installed Hopper Sizes
ExactRate™	



**1.6 EE hoppers not available on 30" units and 16R75cm.*

SMALL PLANTERS THAT PACK A PUNCH.

The small but capable 1705 is planter perfection for crops like cotton, peanuts, sugar beets, and edible beans. With 4-, 6-, 8-, or 10-row options, plus VacuMeter seed metering and available liquid fertilizer system, the 1705 packs a lot of planting punch in a smaller, hitch-mounted package.

If you plant edible beans, sugar beets, or other narrow row crops, the 1735 may be just the splitter planter you've been looking for. With all the mobility of an integral planter, the versatility of available 11-, 12-, 13-, and 15-row configurations, plus the performance of an improved pneumatic downforce system, the 1735 offers consistent, accurate planting to suit a wide range of narrow-row systems.



DB AND DR SERIES PLANTERS STRETCH NARROW WINDOWS

When time is tight and the acreage is big, the DB Series Planters can help.

DB Planters are available in 13 front-folding configurations, in widths from 44 to 120 feet, and with 20-, 22-, and 30-inch row spacings, including a split-row model. Up to 15 degrees of flex in each wing helps ensure consistent depth on rolling ground. The DB Series offers a range of available row units and seed-carrying capacities and up to 600 gallons (2271 L) of factory-installed fluid carrying capacity, all tied together with a tough 7x7 steel frame, making for one of the toughest, most capable planters around.

For versatile, powerful planting performance in a stack-fold design, look to the DR Series Planters, featuring John Deere MaxEmerge 5, MaxEmerge 5e, or ExactEmerge Row Units paired with rugged, hard-working bars from Orthman® Manufacturing. Available in 12-, 16-, 18-, or 24-row models, and with a variety of spacing options, the DR Series offers the flexibility, capacity, and cost-effectiveness that can make just about any planting operation more efficient.

- Order your DB or DR Series Planter with MaxEmerge 5, MaxEmerge 5e, or ExactEmerge Row Units.
- Both the DR Series and the DB Series Planters are available with Individual Row Hydraulic Downforce, pneumatic downforce, or heavy-duty spring downforce systems.
- DB and DR Series Planters are available with the John Deere Curve Compensation system (MaxEmerge 5e and ExactEmerge row units only). Curve compensation adjusts the rate of the inside row units, which move at lower speeds during turns; that way, you avoid over-populating rows on the inside of your turn.





JOHN DEERE TECHNOLOGY SOLUTIONS

From advanced row-unit monitoring to convenience features you'll wonder how you ever lived without, John Deere offers a complete line of technology products and applications, all designed to help you make the most of every hour, every seed, every acre.

Mobile Row Unit Run Off lets you determine the optimal meter settings – from your mobile device, for each variety – before you go to the field. Plus, you can quickly troubleshoot and resolve any planter row unit performance issues, reducing the time and acreage required to identify issues and dial in the fix.



Easy Fold makes planter folding and unfolding as easy as enabling the feature from your display and activating one SCV switch. The tractor and planter will automate the folding sequence, simplifying the process...especially valuable for inexperienced operators. Easy Fold is standard on ExactEmerge models and optional on MaxEmerge 5e models.



Setting Manager lets you save settings for a particular crop, condition, or management practice, then quickly recall those settings when you head to the field. With one button, you can recall seeding rates, downforce, row cleaners, alarm preferences, and tractor settings.



SeedStar™ 4HP monitoring system lets you view multiple functions at once in a simplified, overview layout. Touch the bar chart, and you can zoom into any row for detailed information on that row. User-configurable run pages let you arrange SeedStar modules according to your, or your operators' preferences.



John Deere Connect Mobile provides the framework for planting, spraying, and harvest operations to let you easily document and visualize your agronomic and performance data, all from within a single app on your Apple® iPad®.



Connect Mobile integrates easily with existing John Deere technology, and allows you to document and visualize row-by-row planter performance; monitor job performance in real-time and make informed decisions from the cab; and review multiple map layers across production steps.



AutoTrac Turn Automation and Implement Guidance

automates tractor and implement functions on end-row turns; both work through the Gen 4 4600 CommandCenter or 4640 Universal Display to automatically slow the tractor, raise the implement, turn the tractor, and reengage the implement, then maintain the planter's path on the guidance line.

John Deere AutoPath™ uses the first pass of the year, either with a planter or strip-till rig, to establish precise row locations for all subsequent field operations, regardless of implement width or machine type. Operators know which rows to start on and can precisely follow automatically generated guidance lines, increasing the efficiency of field operations throughout the growing season and harvest operations.

CONNECTED TECHNOLOGY

Turn your plans into actions

The technology you use is only as valuable as the advantages it delivers. In your case, that means helping you make decisions that result in higher yields, reduced costs and more acres farmed in less time.

That's exactly what you'll get with **John Deere Operations Center™**.

The combination of equipment, data transfer technology and apps allows you to:

- See what's happening in your operation currently and learn from performance over time.
- Collaborate with the right people and use the right tools to optimize performance and profitability.
- Turn plans into action and make calculated adjustments as conditions change.

The bottom line: John Deere Operations Center provides easy access to crucial information about your farm – when you need it and where you need it.



JDLink is the bridge between you, your team, and your connected equipment. Working with your StarFire receiver, display, and John Deere Operations Center, JDLink enables seamless, automatic transfer of equipment, field, and operator data to and from Operations Center, allowing you to:

- Share field and equipment data with your dealer, crop advisors, or anyone else you choose.
- Access, view, and share your data any time, from anywhere, with web-based and mobile apps.
- Move field and operational data to and from your machines, easily and securely.
- Monitor, manage and analyze equipment performance and utilization, and avoid costly downtime.
- Create and manage equipment maintenance plans, and order maintenance parts.

From equipment utilization to operator efficiency to field and yield data, the information you harvest this year is the foundation for decision-making next year... as long as that information is easy to access, analyze, and share.



PARTS, SERVICE AND SUPPORT TO KEEP YOU RUNNING

INSPECTIONS

Your planter will perform like new for years to come, with comprehensive inspections from your local John Deere dealer. The best-trained technicians in the industry will replace worn parts and tune up other key areas to ensure your machine is up and running when you are. Inspections ensure you get the most value over the life of your machine.

NEW PLANTER PERFORMANCE ON YOUR CURRENT MACHINE



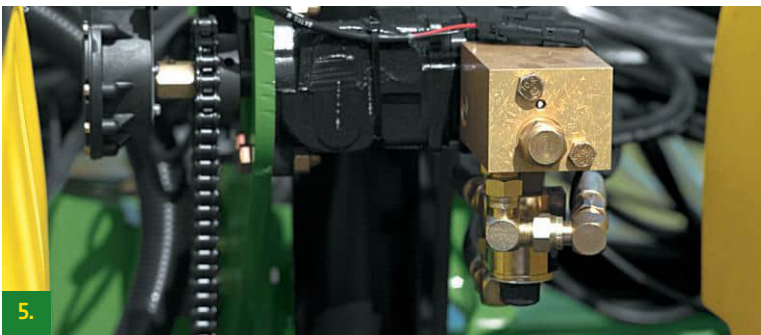
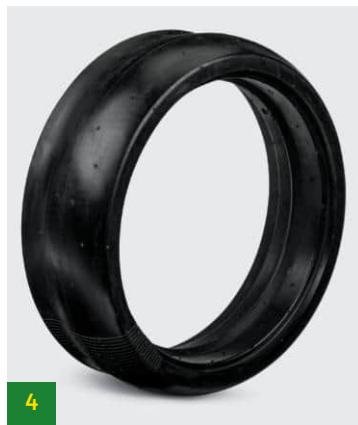
EXACTEMERGE UPGRADE KIT

ExactEmerge is about accuracy, no matter the planting speed you use. Now you can upgrade your current machine to ExactEmerge with the majority of the row wear parts being replaced too. Not ready to trade? Consider an upgrade!



MAXEMERGE 5E UPGRADE KIT

Improve plant population with a MaxEmerge 5e row unit upgrade. The row-by-row shutoff allows for perfect spacing when planting corners and on curves.



1. EASY-ADJUST ROW CLEANERS

Eliminate time consuming manual adjustments with a pneumatic solution to make on-the-go adjustments controlled directly from the seat of the cab. Raise as needed with the push of a button for wet areas, waterways, or end rows.

2. PNEUMATIC CLOSING WHEELS

Give operators the ability to adjust closing wheels in seconds without leaving the cab of the tractor, and can be adjusted to 25 different positions. Improve seed-to-soil contact for uniform emergence and better yield potential by ensuring consistent seed trench closure with less variation across a range of depths.

3. ONE-PIECE CLOSING WHEEL

Significantly reduces component wear, soil disturbance and mud packing, resulting in less damage to closing wheel. Cut down on time spent stopping to change tire and/or the whole wheel assembly during the critical planting window.

4. HEAVY DUTY GAUGE WHEEL TIRE

The optimal option for tougher, aggressive stalks—even more so when operating at higher speeds. Constructed of thicker material with more than 40% in the semi-pneumatic region and almost 80% in the lip area than the regular gauge wheels.*

5. VARIABLE RATE DRIVE

Boosts planting productivity by utilizing one, two, or three hydraulic motors (varies by model) to turn the seeding drive shaft. Hydraulic control of the seeding drive allows for on-the-go seeding rate changes right from the display mounted inside the tractor cab.

6. INDIVIDUAL ROW HYDRAULIC DOWNFORCE

Maintain gauge wheel ground contact continuously and achieve desired seed depth placement with Individual Row Hydraulic Downforce. With capacity to regulate 5 times per second and adjust 100 lbs in less than a second, this innovative system can lead to improved emergence and increased yield.

* Compared to prior models.

Specifications Drawn Planters

1745 DRAWN	1755 DRAWN	1765 WING-FOLD	1775 FRONT-FOLD
Row Units			
ME5	ME5	ME5	ME5
Configurations: W = 36 or 38 in. (91 or 97 cm) N = 30 in. (76 cm)			
8, 12, 15, 16 rows	4 rows (W) 4, 6, 8 rows (N)	12 rows (N)	12 rows (N)
Frame Type			
Rigid	Rigid	Rigid; Flex (optional)	Flex
Frame Flexibility			
None	None	2-section 20 deg. up, 20 deg. down	2-section 20 deg. up, 30 deg. down
Lift System			
Hydraulic center mast	Wheel module	Wheel module	Wheel module
Hydraulic Frame Lift			
	Series rephasing; master cylinder	Master/slave rephasing pairs	
Fold			
Hydraulic pivot fold	None	Hydraulic Hydraulic wing-fold	Hydraulic fold with manual lock
Drive Type			
Tire-contact optional hydraulic drive	Drive tire chain optional hydraulic drive	Tire-contact, optional hydraulic drive	Tire-contact, optional hydraulic drive
Number of Drive Wheels			
1 for seed; 1 for fertilizer (opt.)	4 (8Row); 2 (4Row; 6Row)	1 for seed; 1 for liquid fertilizer (opt.)	1 for seed; 1 for fertilizer

Specifications and design subject to change without notice.
See JohnDeere.com for full listing of specifications.
Pre-production models shown. Base-equipped machines.



**1775NT
NARROW
TRANSPORT**

**1775NT
CENTRAL COMMODITY
SYSTEM**

**1795
FRONT-FOLD**

Row Units		
EE / ME5e / ME5	EE / ME5e / ME5	EE / ME5e / ME5
Configurations: W = 36 or 38 in. (91 or 97 cm) N = 30 in. (76 cm)		
12,16, 24 rows (N)	12,16, 24 rows (N)	12/23, 12/24 rows (N) 16/31, 16/32 rows (N), 24Row20
Frame Type		
Flex	Flex	Flex
Frame Flexibility		
3-section 21 deg. up, 21 deg. down	3-section 21 deg. up, 21 deg. down	3-section flex 15 deg. up, 15 deg. down
Lift System		
Wheel module, tracks optional	Wheel module	Wheel module
Fold		
Hydraulic front-fold	Hydraulic front-fold	Hydraulic front-fold
Drive Type		
Tire-contact, optional hydraulic drive, or electric	Tire-contact, optional hydraulic drive, or electric	Tire-contact, optional hydraulic drive, or 56 V Electric motors
Number of Drive Wheels		
1 for seed; 1 for liquid fertilizer (opt.)	1 for seed; 1 for liquid fertilizer (opt.)	1 for seed; 1 for fertilizer (opt.)



Specifications Integral Planters

1705	1725
Row Units	
ME5	ME5
Configurations: W = 36, 38, or 40 in. (91, 97, or 102 cm) N = 30 in. (76 cm)	
4, 6, 8 rows (W) 4, 6, 8, 10 rows (N)	8, 12 rows (W) 12, 16 rows (N)
Frame Type	
Rigid	Stack-fold: Rigid, Flex*
Frame Flexibility	
None	3-section 10 deg. up, 7 deg. down
Hitch and Lift System	
Cat. 2 with or without Quick-Coupler; Cat. 3 with Quick-Coupler	Cat. 3 with Quick-Coupler
Fold	
None	Hydraulic over-center stack-fold
Seed Transmissions	
One rear-mounted Variable rate drive	Tire-contact, optional hydraulic drive
Drive Wheels	
2	2 (flex-frame); 4 (rigid-frame)
Dual Lift-Assist Wheels (optional)	
Straight	-

*A 3-section flex-frame is available on 8Row36/38/40 and 12, 16Row30 only. Specifications and design subject to change without notice. See JohnDeere.com for full listing of specifications. Pre-production models shown. Base-equipped machines.



1725 C**1735 NARROW-ROW****Row Units**

EE / ME5e

ME5

Configurations: W = 36, 38, or 40 in. (91, 97, or 102 cm) N = 30 in. (76 cm)

12 rows (W)

11 rows (15, 18, 19, 20 in)

16 rows (N)

15 rows (15 in)

12 rows (22 in)

Frame Type

Stack-fold: Flex

Rigid

Frame Flexibility

3 section

None

10 deg. up, 7 deg. down

Hitch and Lift System

Cat 3/4N with Quick Coupler

Cat. 2 with or without
Quick-Coupler;
Cat. 3 with Quick-Coupler**Fold**Hydraulic over-center
stack-fold

None

Seed Transmissions

Electric Drive only

One front-mounted

Drive Wheels

Not Applicable

2

Dual Lift-Assist Wheels (optional)

Straight

Arched

16Row30, Base equipment



Specifications DB Planters

	DB44 – 24R	DB60 – 24R	DB60 – 36R	DB60 – 47R SPLIT-ROW	DB66 – 36R
Row Unit	EE / ME5e	EE / ME5e	EE / ME5e	EE / ME5e / ME5	EE / ME5e
Frame (Bauer Built Mfg)					
Control	Frame control	Frame control	Frame control	Frame control	Frame control
Type	3-section front-fold	3-section front-fold	3-section front-fold	3-section front-fold	3-section front-fold
Location of row units on frame					
Center section	8 units	6 units	10 units	13 units	10 units
On each wing	8 units	9 units	13 units	17 units	13 units
Flexibility (wings)					
Each wing flexes 15 degrees up and down relative to each other					
Lift system type (wheel module)					
Electric Only					
Tires					
Drive tires/wings	4 – 31 - 13.5 x 15	4 – 31 - 13.5 x 15	4 – 31 - 13.5 x 15	4 – 31 - 13.5 x 15	4 – 31 - 13.5 x 15
Seed transmission tire (2)	9.50x18 4 PR turf tire				
Transport tires	4 – 31 - 13.5 x 15	4 – 445/50R 22.5	4 – 445/50R 22.5	4 – 445/50R 22.5	4 – 445/50R 22.5
Drives:	Hydraulic variable-rate drive standard on all models				
Number of rows					
	24 rows on 22-in spacing	24 rows on 30-in spacing	36 rows on 20-in. spacing	47 rows on 15-in. spacing	36 rows on 22-in. spacing
Planting units (John Deere)					
Meter	Vacuum - 2 blower system	Vacuum - 2 blower system	Vacuum - 2 blower system	Vacuum - 3 blower system	Vacuum - 2 blower system
Central Commodity System					
	130 bushels	130 bushels	130 bushels	130 bushels	130 bushels
Capacities per row					
Seed	CCS tank with mini hoppers only	Mini seed hoppers only	1.6 bu. (0.6 m ³), 3-bu. (? m ³) or mini seed hoppers*	Mini seed hoppers only	Mini seed hoppers only
Granular Insecticide		70 lb. (32 kg)	70 lb. (32 kg)		
* Not compatible with granular chemical hopper					
Additional Specs					
Marker system:	Fold-over hydraulic markers	Fold-over hydraulic markers	Fold-over hydraulic markers	Fold-over hydraulic markers	Fold-over hydraulic markers
Monitor system:	SeedStar 4 HP	SeedStar 4 HP	SeedStar 4 HP	SeedStar 4 HP	SeedStar 4 HP
Tractor hitch required:	Drawbar (with heavy-duty drawbar support system) standard on all models				

Specifications and design subject to change without notice.
See JohnDeere.com for full listing of specifications.
Pre-production models shown. Base-equipped machines.



DB80 – 32R DB80 – 48R DB88 – 48R DB90 – 36R DB90 – 54R

Row Unit	EE / ME5e	EE / ME5e	EE / ME5e	EE / ME5e	EE / ME5e
Frame (Bauer Built Mfg)					
Control	Frame control	Frame control	Frame control	Frame control	Frame control
Type	5-section front-fold	5-section front-fold	5-section front-fold	5-section front-fold	5-section front-fold
Location of row units on frame					
Center section	6 units	10 units	10 units	6 units	12 units
On each wing	13 units	19 units	19 units	8 inner, 7 outer	12 inner, 9 outer
Flexibility (wings)					
Each wing flexes 15 degrees up and down relative to each other					
Lift system type (wheel module)					
Electric only					
Tires					
Drive tires/wings	4 – 31 - 13.5 x 15	4 – 31 - 13.5 x 15	4 – 31 - 13.5 x 15	8 – 31 - 13.5 x 15	8 – 31 - 13.5 x 15
Seed transmission tire (2)				N/A	N/A
Transport tires	4 – 445/50R 22.5	4 – 445/50R 22.5	4 – 445/50R 22.5	4 – 445/50R 22.5	4 – 445/50R 22.5
Drives:	Hydraulic variable-rate drive standard on all models				
Number of rows					
	32 rows on 30-in. spacing	48 rows on 20-in. spacing	48 rows on 22-in. spacing	36 rows on 30-in. spacing	54 rows on 20-in. spacing
Planting units (John Deere)					
Meter	Vacuum - 2 blower system	Vacuum - 4 blower system	Vacuum - 4 blower system	Vacuum - 3 blower system	Vacuum - 4 blower system
Central Commodity System					
	130 bushels	130 bushels	130 bushels	130 bushels	130 bushels
Capacities per row					
Seed	1.6 bu. (0.6 m ³) 3-bu. (? m ³) or mini seed hoppers*	Mini seed hoppers only	Mini seed hoppers only	Mini seed hoppers only	Mini seed hoppers only [†]
Granular Insecticide	70 lb. (32 kg)				
* Not compatible with granular chemical hopper					
Additional Specs					
Marker system:	Fold-over hydraulic markers	Fold-over hydraulic markers	Fold-over hydraulic markers	Fold-over hydraulic markers	Fold-over hydraulic markers
Monitor system:	SeedStar 4 HP (standard)	SeedStar 4 HP (standard)	SeedStar 4 HP (standard)	SeedStar 4 HP (standard)	SeedStar 4 HP (standard)
Tractor hitch required: Drawbar (with heavy-duty drawbar support system) standard on all models					





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