

FENDT

FENDT MOMENTUM PLANTERS



FENDT® MOMENTUM PLANTER FAMILY | 30' 12R/30 TO 60' 48R/15

HUG YOUR TERRAIN FOR ACCURATE PLANTING.

FENDT MOMENTUM PLANTERS



Whether you farm level land or rolling hills, only Fendt® Momentum® planters deliver consistent, highly accurate seed placement in the best growing environment in every row in every part of the field. With Momentum, you can maximize performance and efficiency while reducing risk, giving you top yields with less time and expense.

Every Momentum model pairs powerful technology with a robust and reliable build to give you greater control of the planting process. Choose from a variety of options to customize the planter to your operation, and benefit from:

- High performance with high-capacity seed and fertilizer solutions
- Reduced risk with fast, accurate seeding
- Easy use of Momentum's efficient, row-by-row operating system
- The ability to respond to changing conditions and other planting challenges on the go.



	30'		40'				60'			
Momentum Model	FTPM 12	FTPM 23	FTPM 16	FTPM 24	FTPM 31	FTPM 32	FTPM 24	FTPM 36	FTPM 47	FTPM 48
Number of Rows	12	23	16	24	31	32	24	36	47	48
Row Spacing	30"	15"	30"	20", 22"	15"	15"	30"	20", 22", 30"	15"	15"



FTPM48-15



FTPM12-30

FROM 30 FEET TO 60 FEET, WE FIT YOUR FARM.

With the recent introduction of the 30-foot models, Fendt offers growers a wide range of Momentum planters right-sized for everything from smaller fields to the largest of operations. No matter the model, every Momentum comes with the technology you want in the size you need.

Choose the operating width and row spacing that fit your fields and your operation. Then configure the dry and liquid fertilizer options and Precision Planting® technology you want to add to the factory-installed Gen3 20/20® Monitor with SRM3 single row modules, DeltaForce® automatic down force system and vSet®2 seed meters with vDrive® 2.0.

At the heart of every Momentum is the ground-hugging vertically contouring toolbar that delivers up to 52" of planting range and the in-line center tandem design that puts the planter wheels in the tractor path and eliminates yield-robbing pinch rows. The optional Load Logic™ weight management system measures and balances weight across the frame while adjusting tire pressure automatically to reduce compaction, all while the planter carries high-capacity tanks to save time and refills.



FTPM23-15

REAL FARMERS, REAL RESULTS.

Momentum moves these farmers forward.

Tony Hegemann of Newman Grove, Nebraska, balances farming corn and soybeans with running Hegemann Sunflower Sales and Service LLC, the short-line dealership his father founded in 1971. Even as a kid, Tony followed in his dad's footsteps, tinkering with toy planters and building pretend grain bins with wooden spools. "My dad told me, 'You're not gonna get your corn planter until you know your ABCs,'" says Tony. "So I got my ABCs done, and I got my (toy) corn planter," he laughs.

For Tony, planting isn't just another job in the season; it's where success or failure begins. "The planter is the foundation of the farm," he says, and he's quick to point out that seed is too expensive to waste on skips or doubles. Momentum's design helps him overcome the unique challenges of Nebraska terrain, ensuring consistency and uniformity across every acre. While he enjoys the satisfaction of harvest and the business side of helping other farmers

with equipment, planting with the right technology brings peace of mind that everything else in the season builds upon.

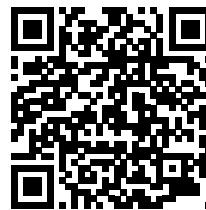
"I finally got into a piece of technology that it'll tell me what my soil temperature is and what my organic matter is. That's what I was hoping for this year, is to build the map," he says. He uses Precision Planting technology like the SmartFirmer® seed firmer, which monitors furrow conditions in real time while also recording high-definition field maps. "Data layering is a key component for the agronomic side," he says. "So we can look at that sheet and say, okay, this is what we planted. But how is our soil reacting to it?" He'll layer that map with yield results, "then we compare the maps so we know how to fertilize for the next year."

"You can be the guy that does the same thing every year, but if you want your farm to prosper, you're gonna have to step it up and try new things," he says.



**Tony
Hegemann**

**Newman
Grove,
Nebraska**



Scan the code to see more of Tony's operation, including a video of his farm's story and how he uses the 48-row, 60-foot Momentum.





Nate and Roger Wallace
Kewanee, Illinois

Nate and Roger Wallace were already running a Fendt 1042 tractor when they started planting with a Momentum 16-row, 30-inch setup.

The father-and-son team run a family farm together. Roger, a retired math teacher, says every farmer has to be a bit of a mathematician, but that a "math background helps" when he and his son make decisions, especially when it comes to equipment. So how does the Momentum planter pencil out?

"We felt like the planter did its job real well," says Roger. "The pinch rows were eliminated for the most part with that air distribution system."

While corn yields were up year over year, Roger says the "eye test" on the crop was all the proof he needed. "Just watching the plants and watching the way they emerged and the way they grew, we felt like we kind of eliminated that problem to a large degree," he says.



"The corn ended up looking like ... we like to call it a picket fence effect."

Meanwhile, the Vertical Contouring Toolbar did its job on the Wallaces' hilly terrain. "It's flexing where it needs to flex and it kept the seed in the soil like it was supposed to," says Roger. Nate agrees. "The planter just kinda rolls over top of the rougher spots ... It doesn't hit and bounce in and out ... It was noticeable," he says.



Scan the code to see the Wallaces' setup in action, as well as other farmers' results from using Momentum planters.

What is a planter worth? How about \$60K in a season?

Five years of competitive trials,* several of them done by independent entities, show an average of 5 bu/A yield advantage with Momentum versus competitive planters all over U.S. and Canada. On a 3,000-acre farm, with corn at \$4.00/bu, that's an additional \$60,000.

*2020, 2021, 2023, 2024 Precision Planting Training Institute (PTI) planter compaction comparison study. Momentum FTPM16-30 equipped with the Load Logic™ compared to a JD 1770NT built with the exact specifications of Yetter residue managers with CleanSweep®, Dual Band Conceal®, FurrowForce®, vSet®, vDrive® and DeltaForce® planted in side-by-side strip-trials.

2021 Ohio State University planter compaction comparison study. FTPM16-30 with Load Logic versus a JD 1775NT with equivalent specifications planted in side-by-side strip-trials.

2021 Hefty Seeds competitive trial of Momentum FTPM24-30 versus 2150-24 with equivalent specification planted in side-by-side strip-trials.

2023 XtremeAg Kelly Garrett competitive trial of Momentum FTPM24-30 versus JD 1775NT with ExactEmerge technology planted in side-by-side strip-trials.


2023 University of Illinois Urbana-Champaign competitive trial of Momentum FTPM31-15 versus JD1775 equipped with Precision Planting technology and the same specification planted in two fields as side-by-side strip-trials.








FENDT MOMENTUM SPOTLIGHTS

These are unique innovations across our family of Momentum planters that help deliver greater value to your operation—every crop, every acre, every plant, every seed.


-  **Load Logic™ Weight Management System** *(page 10)*
 - Smart Spindles that continuously measure weight and load on tires
 - Smart cylinders that automatically balance weight across the frame
 - Automatic tire pressure inflation and deflation


-  **Vertically Contouring Toolbar (VCT)** *(page 11)*
 - Up to 52" of toolbar vertical travel

-  **Capacity** *(page 12)*
 - 30' models
 - 100-bushel seed tanks
 - Choose optional 800-gallon liquid fertilizer or 125 cu. ft. dry fertilizer
 - 40' models
 - 130-bushel seed tanks
 - Choose optional 1,000-gallon liquid fertilizer or dry fertilizer (135 cu. ft. on 40', 170 cu. ft. on 60')

-  **In-line Center Tandem Design*** *(page 13)*
 - Follows tractor path
 - Eliminates pinch rows

* On 12-row 30' model, option of Super Single center tire and wheel delivers same benefits.

-  **Integrated Precision Planting** *(page 14)*
 - vSet®2, vDrive®, DeltaForce®, and Gen3 20/20® Monitor with factory options of Conceal®, SpeedTube® and EMHD®; and aftermarket options of FurrowForce®, FurrowJet®, SmartFirmer®, CleanSweep® and more

-  **Gold Star Customer Care** *(page 17)*
 - 3-year full-machine warranty PLUS annual inspections
 - Option of warranty by acreage: 12,000 acres for 60' models, 8,000 for 40' models and 6,000 for 30' models.
 - Parts Assurance Program



SPREAD THE WEIGHT TO LIGHTEN THE LOAD.



Your chance to maximize yield starts by minimizing compaction with Momentum.

Studies show that soil compaction created during planting can reduce yield potential by as much as 5 bu/A.* The Load Logic weight management system available on all models of the Fendt Momentum planter delivers a smart, automated solution to soil compaction issues.

Load Logic automatically balances weight between the center frame and the wings of the planter to minimize compaction. Two operating modes allow you to choose what best fits your fields and operation. Load Balance mode distributes weight across the entire frame, while

Controlled Traffic mode shifts most of the weight of the planter to the center to follow the tractor path while keeping enough weight on the wings to keep the row units on the ground.

Automatic tire inflation using high flexion VF tires is another way Load Logic manages compaction. Smart Spindles measure the weight being carried on Momentum's tires, and algorithms automatically set and adjust tire pressures to the lowest possible psi for the planter speed and weight at any given moment.

FLEX TO KEEP SEED IN THE SWEET SPOT.



**The only contouring
toolbar in the industry.
The ultimate in accurate
seed placement.**

Whether variations in your field's terrain make you lose ground engagement or bury your seed too deep, you'll be losing yield and money.

Only Fendt Momentum planters and their unparalleled 52" of vertical planting range give you consistent seed placement and planting depth in every row on every pass.

The Momentum Vertical Contouring Toolbar is actually three independent toolbars that follow the topography of the terrain and flex throughout the field. That way, the Precision Planting row-unit technology can do its work to deliver consistent emergence, even spacing and a robust, healthy crop.

THE CAPACITY TO COVER MORE GROUND, WITHOUT MORE COMPACTION.



Today's tight planting windows require covering more acres in less time, and with Fendt Momentum, you won't have to compromise yield or soil health to do so. Momentum planters feature the highest-capacity seed and fertilizer tanks in their categories. Whatever size Momentum you choose, you can order your choice of either high-capacity liquid or dry fertilizer options directly from the factory.

The optional liquid system comes with 1,000-gallon on-board tanks on the 40' and 60' models and an 800-gallon tank on 30' models. The optional dry

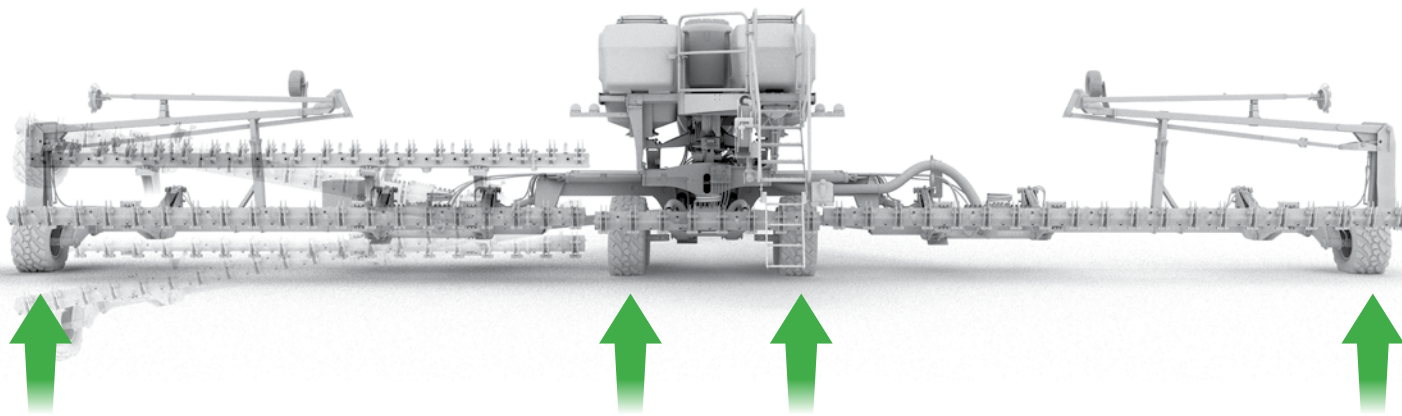
fertilizer system capacity is 170 cubic feet for 60' models, 135 for 40' and 125 for 30'.

Despite their higher capacity, Momentum planters do not create the additional compaction caused by other high-capacity central-fill-system planters. In fact, five years of independent field trials have demonstrated that Momentum achieves a 5 bu/A yield advantage despite its higher carrying capacity.* This is the result of its innovative Load Logic compaction management system paired with the in-line tandems and VF tires.

BOOT PINCH ROWS, BOOST YIELD AND PROFIT.

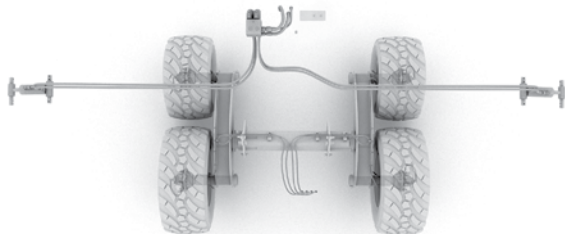
Planter compaction studies show up to a 30% yield loss from pinch rows.

Pinch rows are created by highly loaded and inflated side-by-side tires. The Fendt Momentum is designed to eliminate pinch rows and recapture lost yield by using VF tires in its unique in-line center tandem configuration and single outer-wing wheels.



Follows tractor path.

Total impacted rows: 6
Pinch rows: 0



In-line tandems not only eliminate pinch rows, but the patent-pending transport carriage system is also an integral part of Momentum's weight management and tire inflation systems that minimize overall compaction.



Across a 24-row conventional planter, pinch rows can affect up to six rows in addition to the tractor-affected rows. Each affected row will suffer decreased yield.



ACCURATE PLANTING IN THE OPTIMAL SPOT.



Gen3 20/20® Monitor

High-definition data enables high-impact decisions. The 20|20 monitor provides the most advanced agronomic picture you've ever seen. Optimize planting, harvest and application decisions with a smart, intuitive interface that visualizes performance and field conditions in real time.



EMHD®

EMHD controls liquid application rates using an electromagnetic flow meter. This opens up your options for a wider range of liquid products. Use the liquid product you want with the accuracy you need with EMHD.

EMHD is robust against debris and the viscosity of the fluid no longer matters. Row-by-Row Swath-Gain swath control on a row-by-row basis to save product and money. Utilize prescriptions to apply product at the rate you want, where you want it.

The flow meter automatically adjusts the pressure on curves to keep the rate consistent.

99%+ accuracy with Precision Planting®.

Manage every row unit individually in real time to provide greater accuracy with factory-installed Precision Planting technology on every Fendt Momentum planter. The result is 99%+ seeding accuracy while minimizing root-zone compaction.

The Gen3 20/20® monitor and row-module system intelligently place seed according to your desired population while compensating for turns and overlaps. vSet2 meters with vDrive are unsurpassed in accuracy, simplicity and durability. The DeltaForce automated hydraulic downforce system intelligently applies and adjusts individual row-unit down force for optimum seed depth without undue compaction, no matter the field condition or weight in the seed hoppers.

All Momentum planters can be customized with factory-installed and aftermarket Precision Planting technology for planting success and optimum yields.



SRM3 Single Row Module

The SRM3 and Can Extension Hub enables plug-and-play additions of Precision Planting's most popular products such as SmartFirmer, FlowSense, Conceal, FurrowForce and others. Also, each row unit is factory-equipped with the Quick-Attach brackets for Keeton Seed Firmers and FurrowForce applicators.



DeltaForce®

DeltaForce®, the most accurate row-by-row down force system, features hydraulic cylinders and load cells that measure how much weight is being carried on the row unit gauge wheels and keep it consistent. The operator sets a weight that should be carried on the gauge wheels, and DeltaForce does the rest, maintaining the same weight on the gauge wheels of every row, or across different fields or variations within a field. With DeltaForce, the hidden yield loss from compaction is eliminated, and each row is planted at the depth that was set.



vSet2®

vSet2® with vDrive® 2.0 provides perfect singulation. By using a flat disk, it doesn't have a cell with a "preference" for a certain seed size. The flat disk, combined with a singulator riding on the edge of the disk knocking off extra seeds, gives you 99% singulation accuracy in corn and soybeans without adjustments to vacuum, disk or singulator.



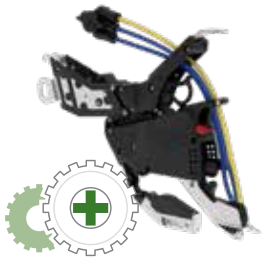
SpeedTube®

SpeedTube® combines with other systems from Precision Planting to create a high-speed planting system that ensures that as you speed up, yield potential is not going down. SpeedTube uses a flighted belt to control the descent of the seeds into the seed trench, and they don't tumble in the furrow because the seed release is matched to ground speed.



Conceal®

Conceal® is a simple nutrient placement device from Precision Planting that places fertilizer in a band incorporated into the soil so the plant will be able to get those nutrients during the critical ear set stage. Conceal can be utilized to put either a single or dual band of nutrients down beside the row. Conceal is a combination of a gauge wheel which has a groove in it, and a knife running in the groove.



FurrowJet®

FurrowJet firms the seed in the trench while placing bands of fertilizer on and near the seed so early roots can access essential nutrients at the perfect time. FurrowJet can be used to apply up to three separate seed-safe liquids, including micronutrients. However, the most common method is applying the same product in multiple locations, such as phosphorus starter fertilizer on top of the seed and 3/4" away from the seed on either or both sides of the seed.



FurrowForce®

The all new FurrowForce® from Precision Planting is an automated row-by-row control system that provides visibility to closing performance on a 20|20 display in the cab. FurrowForce uses two stages to both close the furrow and manage soil density. The first-stage pinch wheels are set wider than traditional systems and move soil horizontally to remove air gaps. Following are the second-stage stitch wheels that create the proper soil density for moisture retention and speedy germination.



Keeton® Seed Firmer

The Keeton Seed Firmer gently presses every seed into the bottom of the trench to tuck it firmly in the soil, ready to take in the moisture and heat it needs. A simple attachment that adds yield to your planter by getting rid of air pockets and optimizing seed-to-soil contact. Both the original Keeton and the low-stick option can also act as a liquid application tool for insecticides, fungicides, and proper in-furrow fertilizers. Choose directly on the seed placement or a splitter to split the stream of liquid.



SmartFirmer®

Precision Planting's SmartFirmer® is a seed firmer-sensor that is measuring the furrow as it is firming each seed into the bottom of the trench. SmartFirmer helps you know that the environment that the seed is being placed in is in good shape, but can also help you determine what type of variability you may have in your field. SmartFirmer measures and displays soil moisture in the cab so you can make adjustments to get seeds into adequate moisture.



CleanSweep®

CleanSweep® allows you to make row cleaner adjustments from the cab, eliminating the frustration of getting row cleaners set, saving you time while planting.

Available as an aftermarket option from a certified Precision Planting dealer.

YOUR FERTILIZER, YOUR CHOICE.

You know best what your crops' nutrition needs are. It's our job to give you options for the accurate, high-capacity fertilizer application of your choice at every working width of Fendt Momentum, from 30' to 60'.

Deliver liquid fertilizer from Momentum's high-capacity tanks using Precision Planting's EMHD row-by-row control with your choice of banding with Conceal® injection or in-furrow placement with FurrowJet® or Keeton® (original or low-stick) seed firmers.

Momentum's dry fertilizer option combines a highly accurate metering and delivery system with state-of-the-art seed placement and compaction management. Factory-installed DrySet™ row-by-row granular rate control from Precision Planting runs through the Gen3 20|20 monitor. The dry system on the new 12R/30, 30' model features upgraded section control.





GOLD STAR
CUSTOMER CARE



THE ULTIMATE RISK MANAGER.

Fendt's Gold Star Customer Care program helps you manage your variable expenses and your risk. You've invested in the best technology in the industry with Fendt, and we're invested in ensuring your productivity, profitability, and overall experience is the best it can be as well.

- **3-Year Full-Machine Warranty, or 12,000 acres on 60' models, 8,000 acres on 40' models and 6,000 acres on 30' models.**
- **Annual Planter Inspection**
- **\$0 Deductible**
- **Parts Assurance Program: Dealers stock additional parts in season.**

SPECIFICATIONS

	FTPM12-30	FTPM23-15	FTPM16-30	FTPM24-22	FTPM24-20	FTPM31-15
Rows / spacing in. (cm)	12R 30 (76.2)	23R 15 (38.1)	16R 30 (76.2)	24R 22 (55.88)	24R 20 (50.8)	31R 15 (38.1)
Working width ft. (m)	30 (9.14)	30 (9.14)	40 (12.2)	44 (13.4)	40 (12.2)	40 (12.2)
Hitch on planter	2-pt		2-pt or drawbar			
Metering units	vSet2® / vDrive®					
Seed tube options	SpeedTube® or WaveVision®					
CFS capacity bu. (L)	100 (3,524)		130 (4,581)			
Liquid fertilizer gal. (L)	800 (3,028)		1,000 (3,785)			
Dry Fertilizer cu. Ft.	125	N/A	135	N/A		
Est. weight (empty) lbs. (kg.)	20,282 (9,200)	24,471 (11,100)	23,000 (10,433)	26,000 (11,793)	26,000 (11,793)	29,000 (13,154)
Transport width ft. (m)	12 (3.65)					
Transport height ft. (m)	12 (3.65)					
Est. tongue weight lbs. (kg)	5,960 (2,703)	6,838 (3,102)	8,000 (3,629)	9,000 (4,082)	9,000 (4,082)	10,000 (4,536)
Tractor HP	5 MPH 10 MPH	8–12 HP per row 10–20 HP per row				
Hydraulic requirements GPM (LPM)	30–60		35–70 (132–227)			

	FTPM32-15	FTPM24-30	FTPM36-22	FTPM36-20	FTPM47-15	FTPM48-15
Rows / spacing in. (cm)	32R 15 (38.1)	24R 30 (76.2)	36R 22 (55.88)	36R 20 (50.8)	47R 15 (38.1)	48R 15 (38.1)
Working width ft. (m)	40 (12.2)	60 (18.3)	66 (20.1)	60 (18.3)	60 (18.3)	60 (18.3)
Hitch on planter	2-pt or drawbar					
Metering units	vSet2 / vDrive					
Seed tube options	SpeedTube or WaveVision			WaveVision		
CFS capacity bu. (L)	130 (4,581)					
Liquid fertilizer gal. (L)	1,000 (3,785)					
Dry Fertilizer cu. Ft.	N/A	170	N/A			
Est. weight (empty) lbs. (kg.)	29,000 (13,154)	29,000 (13,154)	34,000 (15,422)	34,000 (15,422)	38,000 (17,237)	38,000 (17,237)
Transport width ft. (m)	12 (3.65)					
Transport height ft. (m)	12 (3.65)					
Est. tongue weight lbs. (kg)	10,000 (4,536)	10,000 (4,536)	11,500 (5,216)	11,500 (5,216)	13,000 (5,897)	13,000 (5,897)
Tractor HP	5 MPH		8–12 HP per row			
	10 MPH		10–20 HP per row			
Hydraulic requirements GPM (LPM)	35–70 (132–227)					

FENDT



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MOMENTUM PLANTERS



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