

FENDT



FENDT OPTIMUM PLANTERS

FENDT® OPTIMUM™ STACK-FOLD PLANTERS

PLANT RIGHT, FOLD TIGHT.

The new Fendt® Optimum™ stack-fold planter is the innovative, premium, precision-engineered solution for producers who need a compact and nimble mounted planter that can plant at high speeds, hug every contour and transport safely between fields.

Fendt engineers started with a clean sheet to bring the flexibility and accuracy of Fendt Momentum® planters into a stack-fold planter made for every terrain, from laser-leveled, ridge-tilled and irrigated fields to terraces and rolling hills. The Optimum is the only stack-fold planter with the automated and programmable four-hinge Optiflex™ toolbar and row-by-row operating system for unmatched seeding adaptability, accuracy and performance.





Built to flex for precise planting. Made to move for easy transport and maneuvering in tight spaces.

When your situation calls for a stack-fold planter, only the new Fendt Optimum planter can deliver consistent, highly accurate seed placement in the best growing environment in every row in every part of the field. With Optimum, you can maximize performance and efficiency while reducing risk, giving you top yields with less time and expense.

Every Optimum model pairs powerful technology with a robust and reliable build to give you greater control of the planting process, especially on turns. Choose from

a variety of Precision Planting® options to customize the planter to your operation. Whatever the configuration, Optimum owners benefit from:

- High performance with high-capacity, high-speed seeding solutions
- Reduced risk with fast headland and transport management designed for your fields
- Easy use of Optimum's efficient, row-by-row operating system for accurate seeding at speed
- The ability to respond to changing conditions and other planting challenges on the go.

Fendt Optimum Model	FTPS12-30	FTPS12-36	FTPS12-38	FTPS12-40	FTPS16-30
Number of Rows	12	12	12	12	16
Row Spacing	30"	36"	38"	40"	30"







FENDT OPTIMUM SPOTLIGHTS

These are the unique innovations in Fendt Optimum planters that deliver greater value and efficiency to your operation—every crop, every acre, every plant, every seed.



Stack-Fold Optiflex Toolbar

The unique Optiflex Toolbar ensures optimal ground contact, as four separate hinge points automatically flex to match the terrain and keep wings in the soil.

- With the wings in place, DeltaForce® automatic downforce control on each row ensures accurate seed placement and planting depth across any terrain.
- The left and right wing positions can be programmed independently to manipulate the center of gravity for efficient turning on headlands and better clearance of field obstacles.
- Narrow transport width, low transport height and wing tilt adjustment help you better clear tree branches, fences and other obstacles.



Vertical Contouring Hitch (optional)

The Vertical Contouring Hitch moves the planter up and down and tilts it forward and back.

- In the field: The VCH tilts the planter to level it and maintain row-unit ground engagement going up or down over terraces or uneven terrain.
- During transport: Forward rotation of the VCH moves thousands of pounds from rear to front tractor axles, improving transport ease and safety and reducing the need for front ballast.



Integrated Precision Planting

- 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



Capacity

- Choose a Central Fill System (CFS) with a 55-bushel-capacity seed tank for more acres with less refilling, or order with 1.6-bushel or 3-bushel row-unit seed hopper.s



Gold Star Customer Care

- 3-year full-machine warranty PLUS annual inspections
- Option of warranty by acres: 8,000 for 16-row model, 6,000 for 12-row models.
- Parts Assurance Program

KEEP SEED IN THE SWEET SPOT.



Don't lose yield or money because terrain variations make you lose ground engagement or bury your seed too deep.

Even laser-leveled fields will have some minor variations. Only the unique Optiflex Toolbar of the Fendt Optimum stack-fold planter can maintain constant ground contact and optimal planting depth in every row while also providing superior folding efficiency. Fendt designers adapted the Momentum contouring toolbar technology of using electric-over-hydraulic control loops, eliminating most of the mechanical structures that can cause collisions when stacking traditional stack-fold frames.

Sensors on every pivot joint enable the planter to follow the terrain based on what it senses while planting. The three-dimensional, independent movement of the pivot joints in the Optiflex Toolbar allows the row units to stay engaged with the ground as DeltaForce downforce control on each row unit automatically ensures optimal furrow creation and seed placement.

THIS HITCH HAS MOVES LIKE NO OTHER.

Operators of conventional stack-fold planters know how much extra weight is needed on the front of the tractor, especially during transport. They also are used to their mounted planter operating on a single, static plane from front to back.

With the Optimum stack-fold planter, the innovative Vertical Contouring Hitch* not only moves the planter toolbar up and down, but it tilts it forward and backward for industry-first advantages in the field and during transport.



IN THE FIELD, the VCH makes it easy to level the planter from the cab and adds another dimension to the Optiflex Toolbar's ability to flex and follow the topography in all directions to ensure accurate seed placement and even seedling emergence.



ON THE ROAD, the VCH moves the center of gravity of the planter forward and down, transferring thousands of pounds to the front tractor axles from the rear. This improves ease and safety of transport for the operator and can reduce front ballast requirements by thousands of pounds.

* Factory-installed option.



FOLDING TO FIT, FIELD OR ROAD.

When you've invested in high-speed planting technology and are racing to plant in narrow windows, no one wants to lose time having to think about raising and lowering wings in tight headlands or when roading.

Fast, accurate headland maneuvers.

Optimum is built for speed and accuracy at the ends of rows, thanks to the fully automated and programmable control of the four-hinge, Optiflex Toolbar. As the operator, you have more freedom and options during headland maneuvers than with any other stack-fold planter. Set either or both wings to tilt or pull in for the turn, and the computer makes it happen and assures that the toolbar and all row units return to the ground for the next run. Optimum's automated headland sequence capability makes your headland turns quick and precise.



Ease on down the road.

For travel between fields, the wings stack smoothly and compactly due to their unique design, giving you a transport envelope of 18.7 feet (5.7 meters) wide by 11.25 feet (3.43 meters) high on the 12-row, 30-inch model or 22.5 feet (6.9 meters) wide by 11 feet (3.35 meters) high on all other Optimum models.

When roading, you can tilt the stacked wings up or down to avoid trees and other obstacles, then adjust them at the field gate to go over the fence if needed. Because of its unique design, the Optimum planter is from 1,000 to nearly 4,000 pounds lighter than comparable models from competitors, saving you fuel in transport.

With the optional Vertical Contouring Hitch, you can shift the weight of the planter and the center of gravity forward to put weight on the front of the tractor, improving safety on the road.



THE BOTTOM LINE: WE CARE ABOUT YOURS.

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 the Fendt Optimum stack-fold planter, and we're invested in ensuring your productivity, profitability, and overall experience are the best they can be as well.

- **3-Year Full-Machine Warranty or 8,000 acres on 16-row model, 6,000 acres on 12-row models.**
- **Annual Planter Inspection**
- **\$0 Deductible**
- **Parts Assurance Program: Dealers stock additional parts in-season.**

ACCURATE PLANTING IN THE OPTIMAL SPOT.

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 Optimum planter. The result is optimal seed placement and seed-to-soil contact.

The Gen3 20/20 monitor and single row modules (SRMs) 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, measures 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 Optimum planters can be customized with factory-installed and aftermarket Precision Planting technology for planting success and optimum yields.



SCAN THE CODE or visit precisionplanting.com for a full list of options.

SPECIFICATIONS

Model	FTPS12-30	FTPS12-36	FTPS12-38	FTPS12-40	FTPS16-30
Rows / spacing in. (cm)	12R 30 (76.2)	12R 36 (91.4)	12R 38 (96.5)	12R 40 (101.6)	16R 30 (76.2)
Working width ft. (m)	30 (9)	36 (11)	38 (11.6)	40 (12)	40 (12)
Hitch on planter	3-pt (standard) or Vertical Contouring Hitch (optional)				
Metering units	vSet2 / vDrive				
Seed tube options	SpeedTube or WaveVision				
Seed capacity bu (L)	CFS 55 bu. (1,938 L) or row-unit seed hoppers of 1.6 bu (56.4 L) or 3.0 (105.7 L) each				
Est. weight (empty) lbs. (kg)	9,500 (4,309)	9,500 (4,309)	9,500 (4,309)	9,500 (4,309)	11,000 (4,990)
Transport width ft. (m)	18.7 (5.7)	22.5 (6.9)			
Transport height ft. (m)	11.25 (3.43)	11 (3.35)			
Tractor HP, 5 MPH	8 – 12 HP per row				
Tractor HP, 10 MPH	10 – 20 HP per row				
Hydraulic flow Power Beyond GPM (LPM)	13 - 45 (50 - 170)				
Hydraulic flow auxiliary GPM (LPM)	3 - 16 (12 - 60)				4 - 17 (16 - 65)

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