

2130 EARLY RISER STACK-FOLD PLANTER



# 2130 EARLY RISER<sup>®</sup>

STACK-FOLD PLANTER





# HIGH-EFFICIENCY PLANTING: COVER MORE GROUND IN LESS TIME

The 2130 Early Riser planter is rebuilt from the ground up — from rugged row unit to industry's most accurate Precision Planting® technology. Five configurations ensure the perfect fit for high-tech strip-till and flood irrigation operations and specialty crops, such as cotton, peanuts and edible soybeans. Plus, an agronomically designed row unit provides accurate seed placement at your speed — up to 10 mph.



## MORE ACCURACY.

- **Factory-integrated Case IH and Precision Planting technology** customized to your farm's soil types, terrain, fertilizer and chemical application needs, and crop residue management practices.
- Fully integrated **in-furrow liquid fertilizer delivery system** with tractor-mounted tank is specifically designed for the 2000 Early Riser series planter lineup.
- Low-maintenance, **electrically driven metering system** delivers accurate and consistent seed singulation, population and in-row spacing.
- Industry's only **flat-bottom seed trench** provides proper depth and more consistent seed placement while improving seed-to-soil contact.

## MORE DURABILITY.

- **Rugged row unit** built for unrivaled accuracy and dependability — from 4 mph to 10 mph.
- **Heavy-duty cast components** stand up to increased speeds and tough, fast changing conditions.
- **26-inch toolbar clearance**, plus a **60 percent increase in vertical row unit travel** to accommodate rapid terrain changes.

## MORE PRODUCTIVITY.

- Choose between **1.9-bushel on-row hopper** or new **50-bushel bulk fill tank** for increased seed capacity.
- Reduced maintenance and **tool-free crop changes and adjustments** keep you in the field to cover more acres with greater speed and efficiency.
- **Automatic and in-cab adjustments** help you quickly adapt to unique field conditions:
  - Automatic hydraulic downforce with DeltaForce®
  - Speed-compensated vacuum adjust
  - Floating residue managers with CleanSweep® air cylinders
  - Air closing system adjust
  - Wing downforce
  - Auxiliary alternator automation
  - Individual row shut-offs for seed and fertilizer
  - Automatic curve compensated spacing

Seed Capacity	12R	16R
Row Hopper	22.8 bu. (803 L)	30.4 bu. (1 071 L)
Bulk-fill	50 bu. (1 762 L)	



# ONE ROW UNIT, MULTIPLE POSSIBILITIES.

- **Downforce Management Options**  
Through up-or-down hydraulic pressure, automatic and row-by-row DeltaForce down force achieves consistent weight on the gauge wheels for unparalleled depth control. Or select air downforce with or without in-cab gauge wheel feedback.
- **vSet® 2 Seed Meter With vDrive® Electric Drive Motor**  
Row-by-row overlap control and curve-compensated spacing deliver optimal seed singulation and spacing. A simple design provides tool-free crop changes and reduces mechanical drive components.
- **Advanced Seed Delivery™ (ASD)**  
SpeedTube® maintains positive seed control from the meter to the furrow for higher accuracy at your speed.
- **Closing System Down Pressure**  
Industry's first in-cab closing system down pressure adjust allows you to properly adjust the trench closing for optimal seed-to-soil contact.
- **16 Inches of Row Unit Travel**  
Increased vertical row unit travel improves performance in varied terrain while providing greater clearance for residue managers. Cast-iron row unit is built with larger, common hardware and fewer parts.
- **Floating Residue Management System**  
CleanSweep air cylinders allow for in-cab adjustments of residue manager ride to accommodate soil and residue conditions.
- **Opening System With Earth Metal® Blades**  
Larger diameter and thicker Earth Metal offset opener blades are stronger, sharper, longer-lasting and agronomically designed to slice through residue and tough soil conditions.
- **Furrow Management System**  
Pulled gauge wheels with soil relief grooves eliminate sidewall compaction and control soil flow through changing ground speeds. The furrow-forming point creates the industry's only flat-bottom seed trench.
- **Two-stage Closing System**  
Inverted closing disks zip the trench closed, placing high-moisture soil directly onto the seed. The press wheel ensures proper seed-to-soil contact.



# CUSTOMIZE YOUR PLANTER.

If you're looking for a planter to fit your high-tech strip-till, irrigation and specialty crops operation, the new 2130 Stack-fold Early Riser planter with mounted 3-point hitch delivers. No matter the application, the 2130 Early Riser planter provides accurate seed placement and spacing at your speed — up to 10 mph.



## FIND THE PERFECT FIT FOR YOUR OPERATION.

- **Irrigation:** Pair with a Magnum™ tractor that has guidance in reverse for better maneuverability. This helps you plant close to the water source without the risk of damaging your equipment.
- **Strip-till:** Efficiently hit tight spring planting windows with a planter that precisely follows strips, acres after acre.
- **Wide rows:** The 2130 Early Riser planter allows for 36-, 38- and 40-inch rows so you can plant all of your crops, from corn to cotton.
- **Multiple Crop Types:** The vSet 2 vDrive electric drive meter carefully handles a variety of crops, including cotton, corn, edible beans, soybeans, peanuts and sugar beets, so you put quality seed in the ground acre after acre.

## STACK-AND-GO PORTABILITY.

- The **heavy-duty toolbar** is designed to hold up to high speeds and tough, fast-changing conditions.
- **Weight is evenly distributed** across the planter and tractor footprint, achieving constant pressure on the gauge wheels for accurate seed depth across varying soil conditions and speeds.
- Optional lift assist wheels further distribute weight.
- Fast, convenient stacking allows for **easy transport from field to field** and brings the planter closer to the tractor so you can back right up to the edge of the field and start planting.
- Gullwing option provides additional wing lift when planter is raised for more clearance on headland turns.

## CONVENIENT BULK-FILL TANK.

- **Save 50 percent of the time** it takes to tender seed with on-row hoppers while tending more effectively with one person instead of two.
- Carry **2.2 times more seed on a 12-row planter** and **1.6 times more seed on a 16-row planter**, when compared with on-row hoppers.

## EFFICIENTLY COVER ACRES.

- New 50-bushel bulk-fill seed feeding system provides **reliable seed delivery** — no matter the seed population.
- Bulk-fill system is **easy to fill and quick to clean** out when changing crop types.
- **New liquid fertilizer system** delivers accurate application and is available with row-by-row shut-offs.
- **High-speed capability** — up to 10 mph — helps you get the crop planted during optimal planting windows; for example, you can cover 67 percent more acres by planting at 10 mph compared with 6 mph.
- Quickly adapt to new field tillage conditions with **in-cab adjustment options** of row cleaner ride, row unit down force and closing system down pressure.

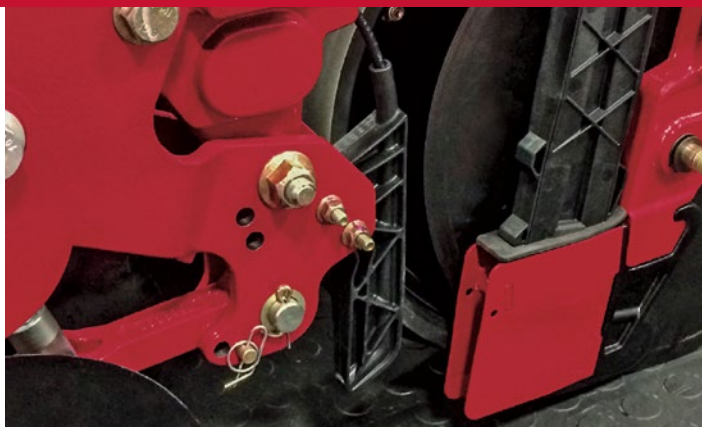
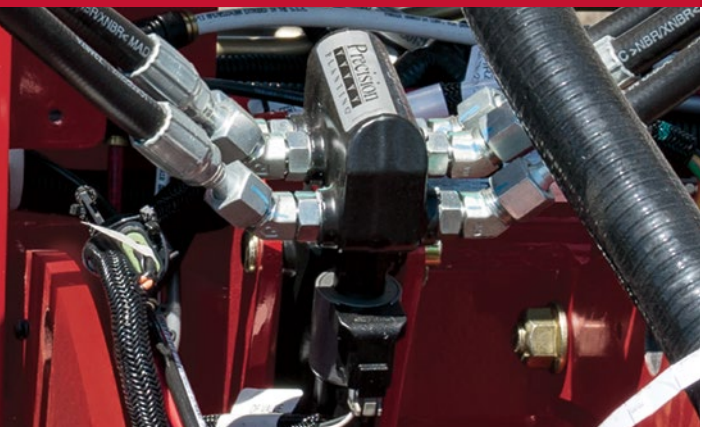
Speed (Miles per Hour)	Acres Planted/Hour <sup>1</sup>	In-field Efficiency	Acres Planted in 10 Planting Days <sup>2</sup>
6	18.9 A/hr.	100%	1,512 Acres
8	25.2 A/hr.	134%	2,016 Acres
10	31.5 A/hr.	167%	2,520 Acres

<sup>1</sup>80-acre field planted with 12-row planter, 30-inch row spacing, tending 50-bushel seed hopper for 34,000 population, and a 400-gallon liquid fertilizer tank applying 5 gallons per acre. Factors in headland turning.

<sup>2</sup>8 hours per day spent in the field planting.



# NEXT-GENERATION TECHNOLOGY: TAILORED, FLEXIBLE, INTEGRATED.



## PRECISION PLANTING.

- Factory-integrated **Precision Planting technology** gives you greater control over every square inch of your field.
- **DeltaForce** down force provides the most accurate seed depth across varying conditions and speeds, including the ability to lift row units in soft soil.
- **CleanSweep air cylinders** offer flexibility and enhanced performance to clear residue and improve emergence.
- A standard **vSet 2 seed meter** and **vDrive electric drive** allow precise per-row seed metering, including curve-compensated spacing and overlap control.
- **SpeedTube** uses a flighted belt to control the delivery of the seed from meter to furrow, eliminating the drop and tumble variability of traditional gravity drop tubes.

## ON-ROW LIQUID FERTILIZER.

- New factory-integrated **in-furrow liquid fertilizer delivery system** maximizes your fertilizer investment.
- Fertilizer system is available through tractor-mounted tanks.
- Centrifugal pump accurately delivers prescribed rate across entire working speed range.
- Case IH Advanced Farming System (AFS) Pro 700 display manages system pressure and flow feedback.
- Optional **row-by-row overlap control** ensures precise application and reduced input costs.

## ADVANCED FARMING SYSTEMS.

- Choose between the total planter control and continuous feedback available through the Case IH **AFS Pro 700** display or add the **20/20 SeedSense®** monitor from Precision Planting.
- Single AFS Pro 700 display allows you to run six screens for controlling key equipment functions, including CleanSweep, DeltaForce, **Advanced Seed Information™ (ASI)** and closing system down pressure.
- Optional ASI system allows you to monitor and map seed spacing in real time.
- Available **AFS AccuTurn™** technology provides hands-free, automatic and repeatable turns for increased accuracy and reduced operator fatigue.
- **AFS Connect™ 2-way file transfer** seamlessly transfers precision data from your AFS Pro 700 to your home computer or trusted adviser.

# 2130 EARLY RISER STACK-FOLD PLANTER SPECIFICATIONS

CONFIGURATION					
Rows	12			16	
Spacing	30 in. (762 mm)	36 in. (914 mm)	38 in. (965 mm)	40 in. (1016 mm)	30 in. (762 mm)
Section Flex Points	3R-6R-3R			4R-8R-4R	
Wing Flex	+8/-8° (16° total)				
Wing Turn Assist (Gullwing)	Available – provides additional wing lift when planter is raised for headland turns				
Frame Size	7' x 7' (18 cm x 18 cm)				
Toolbar Operating Height	26 in. (660 mm)				
Approximate Transport W x H*	20' 6" x 11' 1" (6.2 x 3.4 m)	22' 5" x 13' 2" (6.8 x 4.0 m)		26' 8" x 13' 10" (8.13 x 4.2 m)	
Weight Empty*	9,500 lb. (4,227 kg)	11,400 lb. (5,182 kg)	11,500 lb. (5,227 kg)	13,500 lb. (6,136 kg)	
LIFT SYSTEM					
Full Mounted	3-point hitch Category III or IVN; Category IVN recommended with bulk-fill				
Semi-Mounted	2-point hitch Category III or IVN with available lift assist wheels				
FLOTATION					
Tire Arrangement	1-2-1, 7.6 x 15 Goodyear sure grip traction 10-ply; configurable to front of toolbar or between rows (wings only on 12R)				
Wheel Lift Assist	Available – castering VF 245/70R19 Firestone AD2 radial; carries 40% to 45% of planter weight depending on configuration				
SEED DELIVERY					
Seed Capacity	Standard – 1.9 bu. on-row hoppers; available - bulk-fill single 50 bu. hopper with work lights				
Electric Drive Vacuum Seed Meter	Standard – vSet 2 vacuum seed meter with vDrive electric drive motor, row-by-row overlap control capable and curve-compensated spacing				
Seed Tube / Hy Rate Plus Seed Sensor	Standard – 10 LED seed sensor for improved accuracy across multiple seed types and rates				
Advanced Seed Delivery (ASD)	Available – SpeedTube belt delivery system for high accuracy at any speed up to 10 mph**				
ROW UNIT					
Headbracket Connection to Toolbar	Welded	Bolt-on		Welded	
Parallel Links	Standard – Cast lower parallel links with 16" (406 mm) total vertical row unit travel				
Offset Opener Disks / Opener Disk Scrapers	Standard – 15" (381 mm) diameter, 0.18" (4.5 mm) width, opener disks with external scrapers				
Frame with Zero Index Depth Adjustment	Standard – cast row unit frame with 1/4" (6.4 mm) or 1/8" (3.2 mm) depth increments				
ROW UNIT DOWNFORCE					
Air Downforce	Standard – air down force w/ gauge wheel load feedback; available – air downforce without gauge wheel load feedback				
Hydraulic Downforce with Automatic Control	Available – DeltaForce adds or removes weight automatically, row by row				
Wing Downforce	Available – provides additional down force to the toolbar wings				
CLOSING SYSTEM					
2-Stage with Spring Closing Disk and Spring Press Wheel	Standard – Independent 9" (228 mm) diameter inverted closing disks & rubber press wheel				
V-Press Wheel with Spring	Available – 12" (305 mm) diameter x 1" (25 mm) width rubber V-press wheels				
Air Closing	Available – air adjust with AFS Pro 700 control				
MARKERS					
Markers	Standard – no marker; available - automatic alternating markers with shear bolts (not available with bulk-fill)				
HYDRAULIC / ELECTRICAL / AIR SYSTEM					
Hydraulic Direct Drive with Alternator	Standard – planter-mounted, hydraulically driven, power saving automated control, 200 amp alternator with battery~				
Compressed Air	Planter-mounted hydraulic drive compressor with wet lube, 5-gal. (18.92-L) air tank and 2 micron air filter - controlled through AFS Pro 700				
DISPLAY SYSTEM					
AFS Pro 700 Display	Available – AFS Pro 700 display - required for operation				
FERTILIZER AND CHEMICAL DELIVERY					
Granular Chemical Option	SmartBox electric insecticide, row-by-row overlap control, controlled through AFS Pro 700. Closed transfer system. In-furrow delivery (not available with bulk-fill)				
Liquid Fertilizer Option for Tractor-Mounted Tanks	3-section control through AFS Pro 700. Minimum 3 gal. (11.36 L) per acre application; available - In-furrow delivery, row by row overlap control^				
RESIDUE MANAGEMENT					
Fixed Residue Managers	Tine or no-till dual wheel				
Floating Residue Managers	Tine or no-till with depth band dual wheel. Available - AFS Pro 700 flotation up/down pressure adjust with CleanSweep air cylinders				
TRACTOR RECOMMENDATIONS					
Engine Horsepower Range**	180 – 310 hp				
Hydraulic System**	3 or 4 remotes based on options; high-flow or twin-flow hydraulic pump				

Standard = In base price of the planter    Available = Multiple options available    \* = Equipped with: 2-stage closing, on-row hoppers, floating row cleaner, air compressor, battery; lift assist add 1,500 lb. (680 kg); Bulk-fill add 1,030 lb. (476 kg) empty, markers add 600 lb. (270 kg) and 11" of transport height  
 \*\* = Varies based on planter configuration, speed, operating conditions, etc.    ~ = Battery must be sourced by dealer    ^ = Factory-supplied dealer-installed attachment only



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