

EARLY RISER® 2130 STACK-FOLD PLANTER



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# 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.

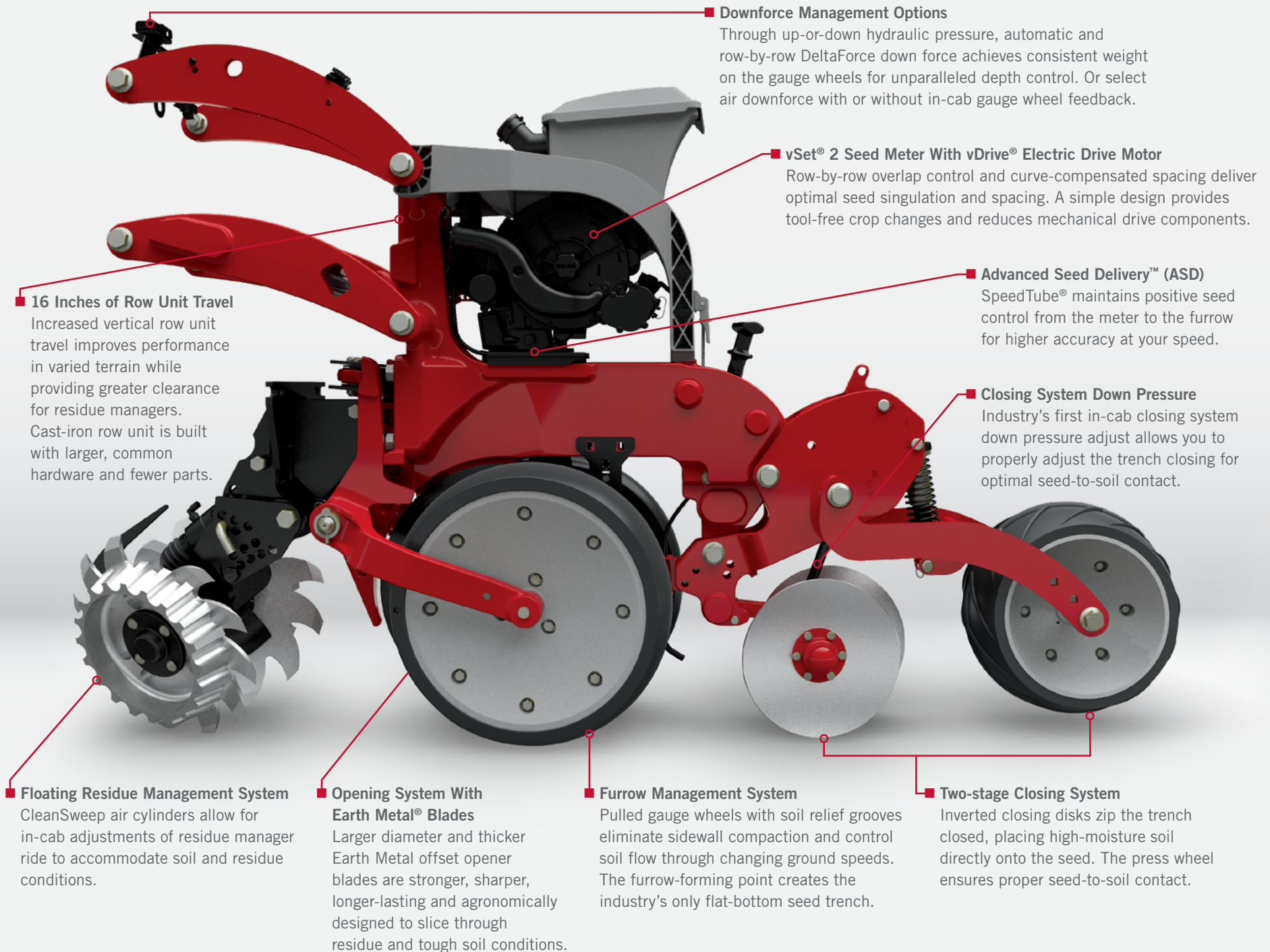
## MORE PRODUCTIVITY.

- 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. (1071 L)
Bulk-fill	50 bu. (1762 L)	



# ONE ROW UNIT, MULTIPLE POSSIBILITIES.



## 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.

## 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.

## 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.

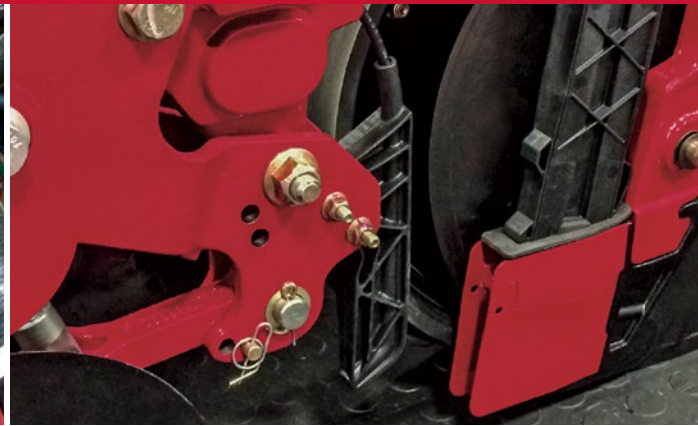
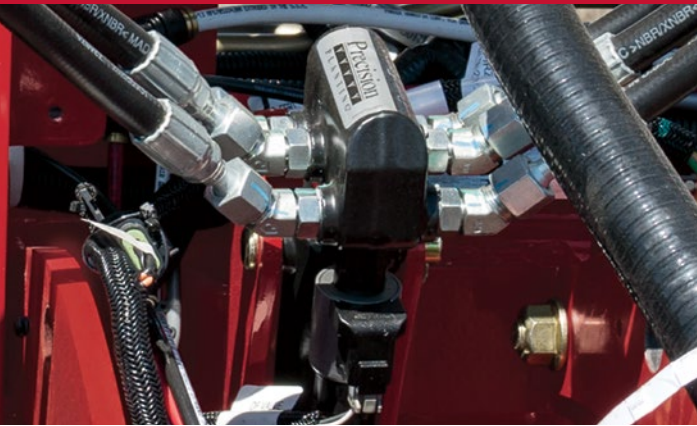
- New 50-bushel bulk-fill seed feeding system provides **reliable seed delivery** — no matter the seed population.
- Bulk-fill system is **easy to fill and quick to clean** out when changing crop types.
- **New liquid fertilizer system** delivers accurate application and is available with row-by-row 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, tendering 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)
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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