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

<table>
<thead>
<tr>
<th>Seed Capacity</th>
<th>12R</th>
<th>16R</th>
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</thead>
<tbody>
<tr>
<td>Row Hopper</td>
<td>22.8 bu. (803 L)</td>
<td>30.4 bu. (1071 L)</td>
</tr>
<tr>
<td>Bulk-fill</td>
<td>50 bu. (1762 L)</td>
<td></td>
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</tbody>
</table>
ONE ROW UNIT, MULTIPLE POSSIBILITIES.

**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.

**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.

**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.

**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.

**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.
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 tendering 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.

<table>
<thead>
<tr>
<th>Speed (Miles per Hour)</th>
<th>Acres Planted/Hour&lt;sup&gt;1&lt;/sup&gt;</th>
<th>In-field Efficiency</th>
<th>Acres Planted in 10 Planting Days&lt;sup&gt;2&lt;/sup&gt;</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>18.9 A/hr.</td>
<td>100%</td>
<td>1,512 Acres</td>
</tr>
<tr>
<td>8</td>
<td>25.2 A/hr.</td>
<td>134%</td>
<td>2,016 Acres</td>
</tr>
<tr>
<td>10</td>
<td>31.5 A/hr.</td>
<td>167%</td>
<td>2,520 Acres</td>
</tr>
</tbody>
</table>

<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

<table>
<thead>
<tr>
<th></th>
<th>12</th>
<th>16</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rows</td>
<td>12</td>
<td>16</td>
</tr>
<tr>
<td>Spacing</td>
<td>30 in. (762 mm)</td>
<td>36 in. (914 mm)</td>
</tr>
<tr>
<td>Section Flex Points</td>
<td>3R-6R-3R</td>
<td>4R-8R-4R</td>
</tr>
<tr>
<td>Wing Flex</td>
<td>+8/-8° (16° total)</td>
<td></td>
</tr>
<tr>
<td>Wing Turn Assist (Gullwing)</td>
<td>Available -- provides additional wing lift when planter is raised for headland turns</td>
<td></td>
</tr>
<tr>
<td>Frame Size</td>
<td>7&quot; × 7&quot; (18 cm × 18 cm)</td>
<td></td>
</tr>
<tr>
<td>Toolbar Operating Height</td>
<td>26 in. (660 mm)</td>
<td></td>
</tr>
<tr>
<td>Approximate Transport W × H*</td>
<td>20' 6&quot; × 11' 1&quot; (6.2 × 3.4 m)</td>
<td>22' 5&quot; × 13' 2&quot; (6.8 × 4.0 m)</td>
</tr>
<tr>
<td>Weight Empty*</td>
<td>9,500 lb. (4227 kg)</td>
<td>11,400 lb. (5182 kg)</td>
</tr>
</tbody>
</table>

## 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

## Fotation

- Tire Arrangement: 1-2-1, 7.6 × 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
- 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 × 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 tube, 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: Time or no-till dual wheel
- Floating Residue Managers: Time 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

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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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