



Specifications

Model	Number of Rows	Row Spacing	Approx. Working Width	Approx. Transport Width	Approx. Transport Height	Approx. Wt. lbs. (kg)
1200-1230	12	30" (76cm)	30' (9.1m)	17' 7" (5.4m)	11' 6" (3.5m)	15,314 (6,946)
1200-1630	16	30" (76cm)	40' (12.2m)	17' 7" (5.4m)	11' 6" (3.5m)	18,277 (8,290)

Note: Transport width shown is with shanks at 8" depth setting. Weights shown are units equipped with ST-PRO™ Row Units.

Recommended Speed of Operation - 5-8 mph

Recommended 20-23 PTO Horsepower per shank at 8" depth (will vary by geography and soil type)

Standard Equipment

Fixed Frame, Flip and Fold Toolbar:

7" x 7" and 5" x 7" Double Toolbar Frame

ST-PRO™ Row Units: Integral 4-bar Link Design

25" Coulters

Row Cleaners: Floating 16" Notched Disc Blades

Shanks: 5/8" x 4-7/16", Adjustable 6" to 12" Depth

Closing Blades: 18" Wavy Coulters Blades, Adjustable Angle (2°, 10°, 18°)

Berm Conditioner: STRIK'R™ Chain Reel

Hitch: Tongue-Type Category IV with 2-1/2" Pin Hole

Hydraulics: Cylinders with Royal Plate Plus®

Mainframe tires/wheels: Walking Tandem 16.5L x 16.1, 14-Ply

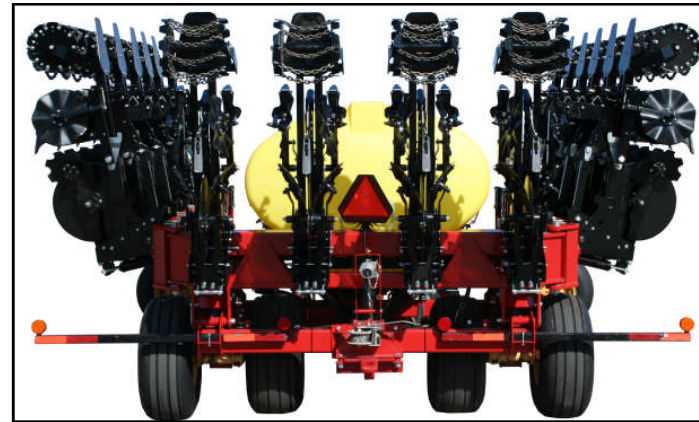
Wing frame tires/wheels: 12-Row - 11L x 15" Single on each wing; 16-Row - 11L x 15" Duals on each wing

Replaceable Bolt-in Spindles

Safety Chain

Transport Lights: High visibility LED system

Transport Locks: Hydraulic valves, lift and wings



Changing from field operation to transport is quick and easy, and the **durable, fixed frame design with flip and fold toolbar**, provides a balanced, safe transport - even for 16-row machines.

Optional Equipment

ST-PRO™ S/R (Spring Reset) Row Units: (same as above except for closing blades)

Closing Blades: 16" Notched Reversed Disc Blades

Fertilizer Placement: DROP ZONE™ System for Single or Dual Product Configuration (3/8" Liquid, 3/8" NH₃, or 1-1/2" Dry)

Points: 2" Chromium Carbide with Shank Wear Bar

Adapter with NH₃-Style Knives

Adapter without NH₃-Style Knives

1,000 gal. Liquid Tank, Saddle and Wash Station

Rear Hitch for Liquid or NH₃ Nurse Cart

Mounting Bracket for Raven NH₃ Cooler

Mounting Bracket for second NH₃ or Liquid Distributor

Hydraulic Hoses for Liquid Pump



A 1,000 gallon liquid tank mounted to the frame provides stable transport of fertilizer throughout the field, and flexibility to apply two products simultaneously with the optional rear hitch for pull-behind liquid or anhydrous nurse carts. The extendable tongue and attached winch on the rear hitch makes it easy to hitch a heavy cart.



Precision Tillage System

Pull-Type 12 and 16-Row



GLADIATOR™
16-Row with and without
1,000 gal Liquid Tank



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Precision Tillage - for Conventional or Conservation!



The New GLADIATOR™ Precision Tillage System from Krause offers on-row conservation tillage, precise nutrient placement and non-stop seed bed conditioning for today's grower interested in managing input costs and increasing profitability. The innovative fixed frame toolbar and ST-PRO™ Row Units that contour to ground surface conditions allow the shanks to consistently operate at the customer determined depth. This is more than just "strip-till"...it is precision nutrient and seed bed management!



ST-PRO™ ROW UNITS

Designed for tough residue situations, the ST-PRO™ Row Units develop a uniform residue-free strip with **precise, consistent tillage depth control**. Most important, these row units require **no daily maintenance** and **no wrenches** to make adjustments. Using PolyLube® bushings, which have a proven life in construction and agriculture applications, pivots are protected with composite self-lubricating material. ST-PRO™ S/R (spring reset) Row Units are available for rocky conditions, and the independent shank trip provides a "no-skip", consistent berm for planting.

COULTER

A 25" coulters is standard equipment on the ST-PRO™ and the down pressure of the coulters can be adjusted from 460 lbs. to 660 lbs., depending on conditions. This coulters system offers continuous residue cutting through the life of the coulters, as compared to depth band coulters that vary cutting ability due to coulters wear or residue levels.

ROW CLEANERS

Automatically Adjust - The floating 16" notched disc blades consistently clear residue from the strip, and are standard equipment. The floating feature of this row cleaner eliminates the need for field-to-field adjustment as it automatically adjusts to the contour of the soil - efficiently removing residue.

SHANK DEPTH ADJUSTMENT

No Tools Required - Easy, wrenchless adjustments are all that is necessary to adjust shank depth (16-row machines can be adjusted in less than 5 minutes by one person). Shanks remove root zone compaction and promote water infiltration, deep root growth and early seedling development while maximizing plant nutrient placement in the field. The shanks have a depth range of 6" to 12" in 1" increments.

NON-STOP SOIL CONDITIONER

The patented STRIK'R™ Soil Conditioner is specifically designed to break clods without destroying the berm utilizing innovative chain reel technology. Each 18" reel uses 10 individual chain sections which shed wet soil and residue to achieve a uniform seed bed without plugging.

FLOATING CLOSING BLADES

Closing blades are designed to float, automatically adjusting to soil and residue conditions while capturing loosened soil to create a uniform berm. For tough soil conditions, the closing blades have a limited float setting, and an easy to adjust angle setting of 2°, 10°, or 18°. The 18" wavy coulters blades are standard on the ST-PRO™, and 16" notched reverse disc blades are standard on the ST-PRO™ S/R Row Unit for continuous operation in rocky conditions.

PRECISE FERTILIZER PLACEMENT

The exclusive DROP ZONE™ Nutrient Placement System offers the flexibility of various fertilizer placement depths from field to field. Dependent on fertilizer product configuration, (liquid, dry, or gas) the range of fertilizer placement is 5" - 11" deep, with a minimum of 1.5" between products. This allows the operator to adjust the fertilizer depth independent of the shank operating depth - guessing where to weld fertilizer tubes is eliminated!

