



3-Point Specifications

Model	Number of Rows	Row Spacing	Approx. Working Width	Approx. Transport Width ¹ S/B / S/R	Approx. Transport Height ² S/B / S/R	Approx. Weight ³ lbs. (kg)
1200-630R	6	30" (76cm)	15' (4.6m)	14' 4" (4.3m)	8' 2" (2.5m)	5,448 (2,471)
1200-636R	6	36" (91cm)	18' (5.5m)	16' 10" (5.1m)	8' 2" (2.5m)	5,518 (2,503)
1200-638R	6	38" (96cm)	19' (5.8m)	18' 1" (5.5m)	8' 2" (2.5m)	5,578 (2,530)
1200-640R	6	40" (101cm)	20' (6.1m)	18' 6" (5.6m)	8' 2" (2.5m)	5,578 (2,530)
1200-830R	8	30" (76cm)	20' (6.1m)	19' 4" (5.9m)	8' 2" (2.5m)	6,808 (3,088)
1200-836R	8	36" (91cm)	24' (7.3m)	22' 10" (7m)	8' 2" (2.5m)	6,903 (3,131)
1200-838R	8	38" (96cm)	25' 4" (7.7m)	25' 1" (7.6m)	8' 2" (2.5m)	7,003 (3,177)
1200-840R	8	40" (101cm)	26' 8" (8.1m)	25' 2" (7.7m)	8' 2" (2.5m)	7,003 (3,177)
1200-830F	8	30" (76cm)	20' (6.1m)	11' 2" / 15' (3.4m / 4.6m)	11' / 10' 8" (3.3m / 3.2m)	7,498 (3,401)
1200-836F	8	36" (91cm)	24' (7.3m)	13' 7" / 17' 5" (4.1m / 5.3m)	10' 8" / 11' 5" (3.2m / 3.5m)	7,653 (3,471)
1200-838F	8	38" (96cm)	25' 4" (7.7m)	14' 11" / 18' 9" (4.5m / 5.7m)	10' 8" / 11' 5" (3.2m / 3.5m)	7,733 (3,508)
1200-840F	8	40" (101cm)	26' 8" (8.1m)	14' 11" / 18' 9" (4.5m / 5.7m)	10' 11" / 11' 10" (3.3m / 3.6m)	7,733 (3,508)
1200-1230F	12	30" (76cm)	30' (9.1m)	16' 1" / 19' 10" (4.9m / 6m)	11' 4" / 13' (3.4m / 4m)	11,037 (5,006)
1200-1236F	12	36" (91cm)	36' (11m)	19' 7" / 23' 5" (5.9m / 7.1m)	11' 9" / 13' 10" (3.5m / 4.2m)	11,837 (5,370)
1200-1238F	12	38" (96cm)	38' (11.6m)	21' / 24' 9" (6.4m / 7.5m)	11' 9" / 14' (3.5m / 4.2m)	12,137 (5,504)
1200-1240F	12	40" (101cm)	40' (12.2m)	21' / 24' 9" (6.4m / 7.5m)	12' 1" / 14' 9" (3.6m / 4.5m)	12,137 (5,504)

¹ Width shown is estimate with shanks at 8" (20cm) depth setting. ² Height shown is estimate including 12" road clearance. ³ Weights shown are units equipped with ST-PRO™ S/B Row Units.

Recommended Speed of Operation - 5-8 mph (8-13 km/h)
Recommended 20-23 PTO Horsepower per shank at 8" (20cm) depth (will vary by geography and soil type)

Standard Equipment

Hitch - Category 3/3N
Frame - 3-Point Mounted, 7"x7" Toolbar Frame
ST-PRO™ S/B (Shear Bolt) 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: Adjustable Angle (2°, 10°, 18°)
Berm Conditioner: STRIK'R® Chain Reel
Depth Control - Fixed Frame with Adjustable Shanks
Hydraulics - Wing Fold: Two 4"x24" Cylinders
Male ISO Couplers on Hydraulic Hoses
Gauge Wheels - Mainframe: two adjustable 20.5"x8" Load Range E
Slow Moving Vehicle Sign
Transport Light Kit

Optional Equipment

ST-PRO™ S/R (Spring Reset) Row Units
Closing Blades: 18" Wavy Coulter Blades or 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
2" Rock Point with Shank Wear Bar
Adapter without NH₃-Style Knives
Rear Hitch for Liquid or NH₃ Tank or Steerable Cart
Gauge Wheels - Wings: two adjustable 20.5"x8" Load Range E
Steerable Cart from Montag Manufacturing
1,200 or 1,700 gallon Liquid Tank
6 or 9-ton Dry Fertilizer System



Pull-Type 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 Coulter 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
2" Rock Point with Shank Wear Bar
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
6-ton Dry Fertilizer System from Montag Manufacturing



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Form No. 1200 02/11



Precision Tillage System



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

Precision Tillage - for Conventional or Conservation!

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**GLADIATOR®
16 ST-PRO™ Row Units**

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!



**GLADIATOR®
3-Point 6-Row**

**GLADIATOR®
3-Point 12-Row**

3-Point Mounted GLADIATOR® models provide precision and control for mid to large size strip-till operations. Available in 6, 8 and 12-Row sizes, these units offer the flexibility growers expect from a strip-till system in many common row spacing configurations while delivering excellent residue flow, accurate tillage depth, fertilizer placement and seed bed conditioning. Toolbars feature innovative internal 4" x 24" hydraulic cylinders providing a clean mounting area for row units, rear hitches or lift assist. High lift 3-point hitches provide the necessary ground clearance for the ST-PRO™ Row Unit, and are welded to the frame for durability. Folding models feature large 14" wide hinges, line-bored for smooth movement and superior strength.

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

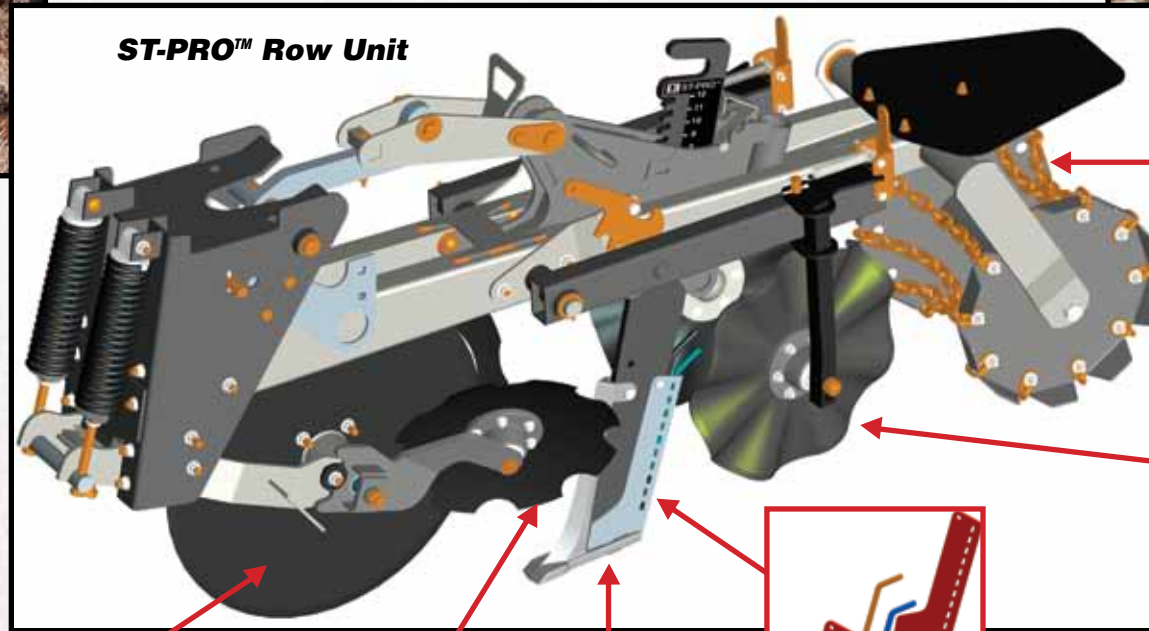
A 25" coulters is standard equipment on the ST-PRO™ and the down pressure of the coulters can be adjusted from 460 lbs. to 660 lbs., depending on conditions. This coulters system offers continuous residue cutting through the life of the coulters, as compared to depth band coulters that vary cutting ability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



ST-PRO™ Row Unit

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!

Fertilizer Systems

The GLADIATOR® product line makes available one of the most complete fertilizer offerings in the industry. These designs are easy to operate, and provide great precision nutrient placement options for those growers desiring to apply dry or liquid fertilizer - with or without NH₃.

LIQUID FERTILIZER

A 1,000 gallon liquid fertilizer tank is available from Krause for pull-type machines, while 3-point machines utilize a steerable cart and a 1,200 or 1,700 gallon tank provided by Montag Manufacturing.

DRY FERTILIZER

Dry fertilizer systems are manufactured by Montag Manufacturing, available through Krause, and feature an integrated 6-ton system for pull-type machines and 6 or 9-ton steerable cart system for 3-point machines.



**GLADIATOR®
3-Point with CART**



**GLADIATOR®
Pull-Type with
Dry Fertilizer**