

Primary Tillage

4830 IN-LINE RIPPER



KRAUSE

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Invest in Quality®

PRIMARY TILLAGE

4830 IN-LINE RIPPER

SOLVE YIELD-ROBBING COMPACTION



THE RIGHT TOOL

The 4830 In-Line Ripper was designed specifically to fight soil compaction while leaving most of the surface residue intact.

SOLUTIONS

Heavy-duty 22" diameter coulters slice through the toughest crop residues, followed by shank systems that break up compacted soil layers and leave up to 86% residue remaining.

VALUE

The KUHN Krause 4830 In-Line Ripper provides superior residue flow and soil fracture while maintaining a level field surface. With a smoother, more level field finish, only one seedbed tillage pass is typically needed in the spring for leveling.

Primary Tillage 4830 IN-LINE RIPPER in brief

Models	Working Width	Number of Shanks	Shank Spacing
Rigid			
4830-440R	13'4"	4	40"
4830-530R	12'6"	5	30"
4830-536R	15'	5	36"
4830-538R	15'10"	5	40"
4830-540R	16'8"	5	40"
4830-630R	15'	6	30"
4830-636R	18'	6	36"
4830-730R	17'6"	7	30"
Folding			
4830-636F	18'	6	36"
4830-638F	19'	6	38"
4830-640F	20'	6	40"
4830-730F	17'6"	7	30"
4830-736F	21'	7	36"
4830-738F	22'2"	7	38"
4830-740F	23'4"	7	40"
4830-830F	20'	8	30"
4830-836F	24'	8	36"
4830-838F	25'4"	8	38"
4830-840F	26'8"	8	40"
4830-930F	22'6"	9	30"



COULTERS



Heavy-duty 22" diameter x 1/4" thickness coulters are standard equipment on each row of all 4830 In-Line Rippers. These rugged coulters feature 450 pounds of down pressure to slice through the toughest crop residues. Coulters hubcaps are secured with metal retainers to ensure bearing protection.

GAUGE WHEELS



Ratchet-jack adjustable depth gauge wheels are standard equipment on the 4830. These 20.5" x 8" load range E tires on 5-bolt hubs maintain uniform depth in varying field surfaces and soil types.

SHANK MOUNTS

SHEAR-BOLT

Rigid, shear-bolt mounts are an economical choice for soils where rocks or other obstacles are not a concern. Shear-bolt protection guards against shank damage from unexpected obstacles.

- Shear force: 2,800 pounds
- 16" maximum shank working depth
- For non-rock conditions



SPRING RESET

Recommended for field conditions where obstacles or rocks may be encountered. 4" x 4" welded tube provides strength.

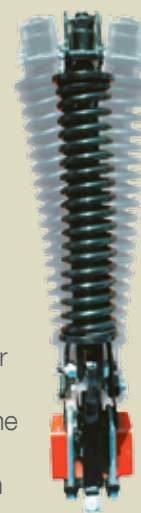
- 2,500 pound point load
- 20" trip height
- 16" maximum shank working depth
- 36" underframe clearance



PATHFIND'R™

Exclusive pivoting design allows the shank to deflect up to 6 degrees on each side for a total of 12 degrees of movement.

- Basic spring reset design
- Makes deep ripping possible on contours or terraces
- Deflects impacts improving performance in rocky soils
- Smoother steering under full power with tracked tractors
- Reduces stress on implement frame and 3-pt. tractor hitch
- Not compatible with pull-type hitch



MRD SHANKS, POINTS and WINGS (Minimum Residue Disturbance)

Choose from a variety of MRD Shank points and wings to achieve optimum residue level and surface appearance.

- 1-1/4" Profile
- Austempered ductile, reversible wear bar
- Welded chromium carbide side plates

2" CHROMIUM CARBIDE POINT



5" SHATTERING WING

- Residue remaining: 51% to 65%
- Fracture: 36% to 52%



LOW DISTURBANCE SHANK CAP

- Residue remaining: 51% to 65%
- Fracture: 31% to 48%

3/4" CHROMIUM CARBIDE POINT



5" SHATTERING WING

- Residue remaining: 68% to 75%
- Fracture: 36% to 52%



LOW DISTURBANCE SHANK CAP

- Residue remaining: 68% to 75%
- Fracture: 31% to 48%

2" HARD SURFACE POINT



- Best performance for rocky conditions
- Residue remaining: 51% to 65%
- Fracture: 31% to 48%

NO-TILL SHANK, POINTS and WINGS

The no-till point and 8" wing break up compacted soil layer while the narrow 3/4" shank slips through the soil leaving up to 86% residue on the surface. With replaceable wear parts, this no-till design offers up to 50% operation cost saving versus competitors.

- 3/4" Profile
- High-tensile steel shank
- Austempered or Chromium Carbide points, wings and wear bar
- Chromium carbide side plates
- Residue remaining: Up to 86%
- Fracture: 55% to 70%
- Replaceable wear parts



2" no-till chromium carbide point for non-rock application



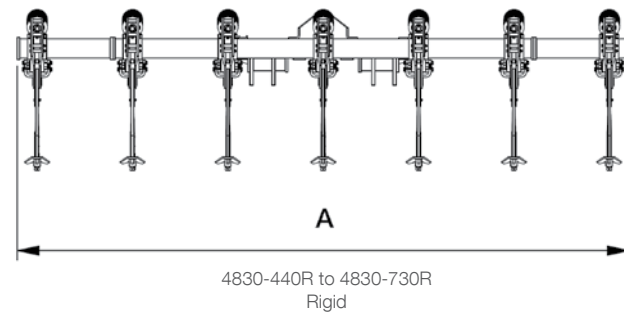
1-3/4" austempered point for rock application



CLOSING WHEEL ATTACHMENT

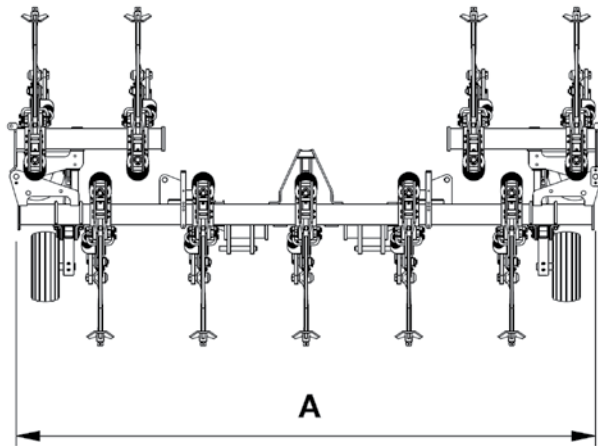
Designed to further limit soil blowout, closing wheels operate independently of shank depth maintaining constant soil contact close to the shank. Closing wheels are easily adjustable for operating position in relation to the ripper shank and down pressure.

Equipment Specifications



Model Specifications

	4830-440R	4830-530R	4830-536R	4830-538R	4830-540R	4830-630R	4830-636R	4830-730R
Dimensions								
A Transport Width ¹	11'1" / 3.4 m	11'1" / 3.4 m	14'3" / 4.3 m	14'3" / 4.3 m	14'3" / 4.3 m	14'3" / 4.3 m	16'1" / 4.9 m	16'1" / 4.9 m
Specifications								
Number of Shanks	4	5	5	5	5	6	6	7
Shank Spacing	40" / 100 cm	30" / 76 cm	36" / 91 cm	38" / 96 cm	40" / 101 cm	30" / 76 cm	36" / 91 cm	30" / 76 cm
Working Width ³	13'4" / 4 m	12'6" / 3.8 m	15' / 4.6 m	15'10" / 4.6 m	16'8" / 5 m	15' / 4.6 m	18' / 5.4 m	17'6" / 5.3 m
Approximate Weight ² lbs/kg	3,191 / 1,447	3,660 / 1,660	4,010 / 1,819	4,010 / 1,819	4,010 / 1,819	4,479 / 2,031	4,539 / 2,059	5,008 / 2,271
Approximate Weight ³ lbs/kg	2,391 / 1,084	2,660 / 1,206	3,010 / 1,365	3,010 / 1,365	3,010 / 1,365	3,279 / 1,487	3,339 / 1,514	3,608 / 1,636
Standard Equipment								
- Hitch	Category III 3-Point with Parking Stand							
- Frame	6" x 6" Double Rank Toolbar							
- Coulters	22" 1/4" Smooth Coulters Blades, 450 lbs (250 kg) down pressure							
- Depth control	Ratchet Jack Adjustable Gauge Wheels							
- Gauge Wheels	Two 20.5" x 8", Load Range E							
- Safety	Slow Moving Vehicle Sign, High Visibility LED Transport Light Kit							



Model Specifications

	4830-636F	4830-638F	4830-640F	4830-730F	4830-736F	4830-738F	4830-740F	4830-830F	4830-836F	4830-838F	4830-840F	4830-930F
Dimensions												
A Transport Width ¹	11'5" / 3.5 m	11'5" / 3.5 m	11'5" / 3.5 m	11'5" / 3.5 m	11'5" / 3.5 m	11'5" / 3.5 m	11'5" / 3.5 m	11'5" / 3.5 m	14'5" / 4.4 m	14'5" / 4.4 m	14'5" / 4.4 m	14'5" / 4.4 m
Specifications												
Number of Shanks	6	6	6	7	7	7	7	8	8	8	8	9
Shank Spacing	36" / 91 cm	38" / 97 cm	40" / 102 cm	30" / 76 cm	36" / 91 cm	38" / 97 cm	40" / 102 cm	30" / 76 cm	36" / 91 cm	38" / 97 cm	40" / 102 cm	30" / 76 cm
Working Width	18' / 5.4 m	19' / 5.8 m	20' / 6.1 m	17'6" / 5.3 m	21' / 6.4 m	22'2" / 6.7 m	23'4" / 7 m	20' / 6.1 m	24' / 7.3 m	25'4" / 7.7 m	26'8" / 8.1 m	22'6" / 6.8 m
Approximate Weight ² lbs / kg	4,895 / 2,220	5,125 / 2,324	5,125 / 2,324	5,364 / 2,433	5,700 / 2,585	5,700 / 2,585	5,700 / 2,585	6,063 / 2,750	6,584 / 2,986	6,584 / 2,986	6,584 / 2,986	6,947 / 3,151
Approximate Weight ³ lbs / kg	3,695 / 1,676	3,925 / 1,780	3,925 / 1,780	3,964 / 1,798	4,300 / 1,950	4,300 / 1,950	4,300 / 1,950	4,463 / 2,024	4,984 / 2,261	4,984 / 2,261	4,984 / 2,261	5,147 / 2,335
Standard Equipment												
- Hitch	Category III 3-Point with Parking Stand											
- Frame	6" x 6" Double Rank Toolbar											
- Coulters	22", 1/4" Smooth Coulters Blades, 450 lbs (250 kg) down pressure											
- Depth control	Ratchet Jack Adjustable Gauge Wheels											
- Gauge Wheels	Two 20.5" x 8", Load Range E						Two 20.5" x 8", Load Range E (optional two additional)					
- Safety	Slow Moving Vehicle Sign, High Visibility LED Transport Light Kit											



3-POINT HITCH

Designed for deep tillage with strength and durability in mind, this Category III, 3-point hitch is integrated into a two bar frame design with main members of heavy-duty 6" x 6" structural steel tubing.

DRAWBAR PULL-HITCH





The optional drawbar pull-hitch lets you match tractors not equipped with 3-point hitches to the 4830 In-Line Ripper. Equipped with four 11L x 15", 8-ply tires, the drawbar hitch provides excellent field flotation and depth control. Style A available on 4830-440R through 4830-830F models. Style B available on 4830-836F through 4830-840F and 4830-930F models.

Model Specifications

	4830-440R through 4830-830F	4830-836F through 4830-930F
Optional Equipment		
Drawbar Pull Hitch	Forward Wheel Transport Four 11L x 15" 8-Ply Tires, Duals, One 4-1/4" x 10" and One 4" x 10" Cylinder, Royal Plate Plus [®] Cylinder Rods, Color-Coded Hydraulic Hose Grips, All Hydraulic Hoses, Tongue Jack, Safety Chain	Forward Gauge Wheel Two 11L x 15" 8-Ply Tires and Rear Wheel Transport, Four 11L x 15" 8-Ply Tires, One 4-1/2" x 16" and One 4" x 16" Cylinder, Royal Plate Plus [®] Cylinder Rods, Color-Coded Hydraulic Hose Grips, All Hydraulic Hoses, Tongue Jack, Safety Chain
Shanks		
- Mounts	Spring Reset: 2500 lb. Point Load, 20" Trip Height Rigid: Shear Bolt Protected Pathfind'r: Spring Reset, 2500 lb., Pivoting (3-Point Hitch Only) Optional No-Till Closing Wheels	
- MRD Shanks	MRD (Minimum Residue Disturbance) 1-1/4" Profile: Reversible Austempered Ductile Wear Bar	
- No-Till Shanks	No-Till (Very Low Surface Disturbance), 3/4" Profile Wear Bar Austempered Ductile, Non-Reversible, Chromium Carbide Shank Side Protectors	
- MRD Points/Wings	2" Chromium Carbide Points, 3/4" Chromium Carbide Points, 2" Welded Points, 5" Chromium Carbide Shatter Wings	
- No-Till Points/Wings	2" Chromium Carbide, 1-3/4" Austempered Ductile Points, 8" Austempered Wings	
Operating Information		
Recommended Operating Speed	4 - 7 mph / 6 - 12 km/h	
Maximum Working Depth	8" - 16" / 20 cm - 41 cm	
Recommended Tractor Power Range ⁴	30 - 40 PTO HP per Shank / 22 - 30 kW	

¹ Approximate transport width, height and weight shown with optional finishing attachments
² Approximate weight provided for models equipped with spring reset shanks
³ Approximate weight provided for models equipped with shear bolt shanks
⁴ Estimates only. Horsepower requirements will vary by geography and soil type.

PRODUCT SYSTEMS

PRODUCT SYSTEMS		Fall	Spring
4830 In-Line Ripper	5200NT PRO System No-Till Drill		
4830 In-Line Ripper	EXCELERATOR®		
4830 In-Line Ripper	LANDSMAN®		

Most Complete Primary Tillage Line on the Market



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