



Primary Tillage
4835 IN-LINE RIPPER



COMPACTION REMOVAL WITH RESIDUE RETENTION

THE KUHN KRAUSE 4835 IN-LINE RIPPER IS THE IDEAL TOOL TO FIGHT SOIL COMPACTION, ONE OF THE LEADING CAUSES OF YIELD REDUCTION. WITH WORKING DEPTHS OF 8" TO 16", THE 4835 PROVIDES AGGRESSIVE SOIL FRACTURING, WHILE RETAINING VALUABLE CROP RESIDUE ON THE FIELD SURFACE. THIS ALLOWS FOR GREATER ROOT DEVELOPMENT AND WATER INFILTRATION INTO THE SOIL, WHILE REDUCING RUNOFF AND SOIL EROSION.



SOLUTIONS

Heavy-duty 22" diameter coulters slice through the toughest crop residue, followed by shank and point options that remove compaction and leave a variety of field finishes from minimal surface disturbance to aggressive soil restructuring.

VALUE

The 4835 in-line ripper provides superior residue flow and soil fracture while letting you choose the amount of compaction removed and field finish desired for your agronomic goals to increase the ROI for your operation.

| Models | Working Width | Number of Shanks | Shank Spacing |
|-------------------|---------------|------------------|----------------|
| Rigid | | | |
| 4835-430R | 10' (3 m) | 4 | 30" (76.2 cm) |
| 4835-440R | 13'4" (4.1 m) | 4 | 40" (101.6 cm) |
| 4835-530R | 12'6" (3.8 m) | 5 | 30" (76.2 cm) |
| 4835-630R | 15' (4.6 m) | 6 | 30" (76.2 cm) |
| 4835-636R | 18' (5.5 m) | 6 | 36" (91.4 cm) |
| 4835-638R | 19' (5.8 m) | 6 | 38" (96.5 cm) |
| 4835-640R | 20' (6.1 m) | 6 | 40" (101.6 cm) |
| 4835-730R | 17'6" (5.3 m) | 7 | 30" (76.2 cm) |
| Folding | | | |
| 4835-730F | 17'6" (5.3 m) | 7 | 30" (76.2 cm) |
| 4835-830F | 20' (6.1 m) | 8 | 30" (76.2 cm) |
| 4835-836F | 24' (7.3 m) | 8 | 36" (91.4 cm) |
| 4835-838F | 25'4" (7.7 m) | 8 | 38" (96.5 cm) |
| 4835-840F | 26'8" (8.1 m) | 8 | 40" (101.6 cm) |
| 4835-930F | 22'6" (6.8 m) | 9 | 30" (76.2 cm) |
| 4835-1130F | 27'6" (8.4 m) | 11 | 30" (76.2 cm) |

Summary

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FEATURES



22" COULTERS

Heavy-duty 22" diameter x 1/4" thickness coulters are standard equipment on each row of all 4835 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.



SHANK MOUNTS

Choice of the economical shear-bolt shank mount (1), spring reset shank mount (2) for rocky conditions or our exclusive Pathfind'r™ shank mount (3) that pivots up to 6 degrees to the left or right relieving stress on the implement frame and tractor hitch on tracked and articulated tractors. The Pathfind'r spring reset pivoting design relieves shank stress when following contours.



SHANK AND POINT OPTIONS

Choose from a variety of shanks, points and wings to achieve optimum residue level and surface appearance. Parabolic (1) for aggressive soil and residue mixing, MRD Minimum Residue Disturbance (2) for compaction removal with reduced residue mixing or no-till (3) shanks for minimal surface disturbance.



GAUGE WHEELS

Ratchet-jack adjustable depth gauge wheels are standard equipment on the 4835 in-line ripper. Convenient main-frame, rear-access ratchet jack makes adjusting depth easier than ever.



3-POINT HITCH

Designed for deep tillage with strength and durability in mind, 4835 in-line rippers fit a wide variety of tractors. Small frame models fit tractors with CAT 3N, 3 & 4N 3-point hitches, while large frame models fit tractors with CAT 4N & 4 3-point hitches.



DRAWBAR PULL-HITCH

The optional drawbar pull-hitch lets you match tractors not equipped with 3-point hitches to the 4835 In-Line Ripper. The rear lift style pull hitch increases stability and provides positive tongue weight when in the lifted position.



HEAVY-DUTY 6" X 6" FRAME

The 6" X 6" frame has heavier tubing in key areas and improved weld process for added strength in tough conditions.



CLOSING WHEELS

Available for use with no-till shanks only, closing wheels limit soil blowout. They operate independently of shank depth maintaining constant soil contact close to the shank.

OUTSTANDING VERSATILITY

The 4835 in-line ripper may be configured in a variety of ways to achieve your agronomic goals. Winged points are recommended for maximum compaction removal, while straight points or shank caps may be used to decrease draft. Surface field finish is primarily determined by the type of shank used. For the least amount of residue disturbance, two types of no-till shanks are available. A ¾" shank is a good choice for most users, but the 1" shank is offered for extreme tillage conditions. The MRD shank is slightly more aggressive than the no-till shanks, but still retains a good amount of surface residue. Aggressive residue incorporation is best achieved with the parabolic shank with a coverboard option for even more residue burial.



NO-TILL (Normal Conditions)

- ¾" No-Till shank
- Austempered wear bar
- 1-¾" point
- 8" Wing
- Residue remaining: 62%

NO-TILL (Extreme Conditions)

- 1" No-Till shank
- Austempered wear bar
- 1-¾" point
- 8" Wing
- Residue remaining: 51%

CONSERVATION TILLAGE

- 1-¼" MRD shank
- Austempered wear bar
- 7" winged point
- Residue remaining: 36%

CONSERVATION TILLAGE

- 1-¼" MRD shank
- Austempered wear bar
- Double K® 7" winged point
- Residue remaining: 36%

CONVENTIONAL TILLAGE

- Parabolic shank
- Chrome wear bar
- Double K 7" winged point
- Residue remaining: 20%

CONVENTIONAL TILLAGE

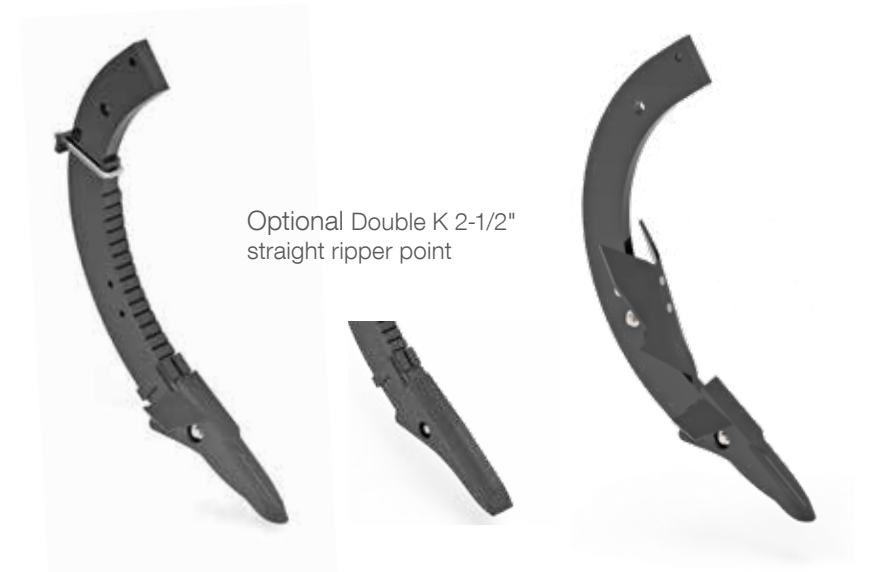
- Parabolic shank
- Coverboard
- Double K 7" winged point
- Residue remaining: 12%



Optional Double K 2" chromium carbide point and shank cap



Optional Double K 2-1/2" straight ripper point



Optional Double K 2-1/2" straight ripper point

| Technical Specifications | | | | | | | | |
|---|---|--|---|---|--|--|--|--|
| | 4835-430R | 4835-440R | 4835-530R | 4835-630R | 4835-636R | 4835-638R | 4835-640R | 4835-730R |
| Transport Width | 9'2" (2.8 m) | 11'8" (3.6 m) | 11'8" (3.6 m) | 14'5" (4.4 m) | 16'10" (5.1 m) | 18'5" (5.6 m) | 18'5" (5.6 m) | 16'10" (5.1 m) |
| Frame Type | Heavy-Duty 6" x 6" Double Rank Toolbar | | | Heavy-Duty 6" x 6" Double Rank Toolbar | | | | |
| Number of Shanks | 4 | 4 | 5 | 6 | 6 | 6 | 6 | 7 |
| Shank Spacing | 30" (76.2 cm) | 40" (101.6 cm) | 30" (76.2 cm) | 30" (76.2 cm) | 36" (91.4 cm) | 38" (96.5 cm) | 40" (101.6 cm) | 30" (76.2 cm) |
| Working Width | 10' (3 m) | 13'4" (4.1 m) | 12'6" (3.8 m) | 15' (4.6 m) | 18' (5.5 m) | 19' (5.8 m) | 20' (6.1 m) | 17'6" (5.3 m) |
| Spring Reset Shank Approximate Weight | 3,900 lb (1 768 kg) | 4,314 lb (1 956 kg) | 4,848 lb (2 198 kg) | 5,563 lb (2 522 kg) | 5,756 lb (2 610 kg) | 5,900 lb (2 675 kg) | 5,900 lb (2 675 kg) | 6,882 lb (3 121 kg) |
| Shear Bolt Shank Approximate Weight | 3,100 lb (1 406 kg) | 3,514 lb (1 594 kg) | 3,848 lb (1 745 kg) | 4,363 lb (1 979 kg) | 4,556 lb (1 979 kg) | 4,700 lb (2 132 kg) | 4,700 lb (2 132 kg) | 5,482 lb (2 487 kg) |
| Hitch Type | Small Frame: CAT 3N, 3 and 4N Compatible with Parking Stands | Small Frame: CAT 3N, 3 and 4N Compatible with Parking Stands | Small Frame: CAT 3N, 3 and 4N Compatible with Parking Stands | Small Frame: CAT 3N, 3 and 4N Compatible with Parking Stands | Small Frame: CAT 3N, 3 and 4N Compatible with Parking Stands | Small Frame: CAT 3N, 3 and 4N Compatible with Parking Stands | Small Frame: CAT 3N, 3 and 4N Compatible with Parking Stands | Small Frame: CAT 3N, 3 and 4N Compatible with Parking Stands |
| Coulter Blades | 22" x 1/4" Smooth, 450 lb (250 kg) Down Pressure | | | 22" x 1/4" Smooth, 450 lb (250 kg) Down Pressure | | | | |
| Spring Reset Shank Mount | 2,500 lb Point Load, 20" Trip Height | 2,500 lb Point Load, 20" Trip Height | 2,500 lb Point Load, 20" Trip Height | 2,500 lb Point Load, 20" Trip Height | 2,500 lb Point Load, 20" Trip Height | 2,500 lb Point Load, 20" Trip Height | 2,500 lb Point Load, 20" Trip Height | 2,500 lb Point Load, 20" Trip Height |
| No-Till Shanks (Very Low Surface Disturbance) | 3/4" Thick, Austempered Wear Bar, Chromium Carbide Shank Side Protectors | 3/4" Thick, Austempered Wear Bar, Chromium Carbide Shank Side Protectors | 3/4" Thick, Austempered Wear Bar, Chromium Carbide Shank Side Protectors | 3/4" Thick, Austempered Wear Bar, Chromium Carbide Shank Side Protectors | 3/4" Thick, Austempered Wear Bar, Chromium Carbide Shank Side Protectors | 3/4" Thick, Austempered Wear Bar, Chromium Carbide Shank Side Protectors | 3/4" Thick, Austempered Wear Bar, Chromium Carbide Shank Side Protectors | 3/4" Thick, Austempered Wear Bar, Chromium Carbide Shank Side Protectors |
| Points | 1-3/4" Austempered Ductile Points (No-Till Shanks Only) | 1-3/4" Austempered Ductile Points (No-Till Shanks Only) | 1-3/4" Austempered Ductile Points (No-Till Shanks Only) | 1-3/4" Austempered Ductile Points (No-Till Shanks Only) | 1-3/4" Austempered Ductile Points (No-Till Shanks Only) | 1-3/4" Austempered Ductile Points (No-Till Shanks Only) | 1-3/4" Austempered Ductile Points (No-Till Shanks Only) | 1-3/4" Austempered Ductile Points (No-Till Shanks Only) |
| Shattering Wing | 8" Austempered Shattering Wings | 8" Austempered Shattering Wings | 8" Austempered Shattering Wings | 8" Austempered Shattering Wings | 8" Austempered Shattering Wings | 8" Austempered Shattering Wings | 8" Austempered Shattering Wings | 8" Austempered Shattering Wings |
| Depth Control | Ratchet Jack Adjustable Gauge Wheels | | | Ratchet Jack Adjustable Gauge Wheels | | | | |
| Gauge Wheels | (2) 20.5" x 8", Load Range E | (2) 20.5" x 8", Load Range E | (2) 20.5" x 8", Load Range E | (2) 20.5" x 8", Load Range E | (2) 20.5" x 8", Load Range E | (2) 20.5" x 8", Load Range E | (2) 20.5" x 8", Load Range E | (2) 20.5" x 8", Load Range E |
| Transport Locks and Safety | Slow Moving Vehicle Sign, High Visibility LED Transport Light Kit | | | Slow Moving Vehicle Sign, High Visibility LED Transport Light Kit | | | | |
| Optional Equipment | | | | | | | | |
| Pull Hitch | N/A | N/A | Drawbar Pull Hitch with Rear Lift Wheels, Includes (4) 280/70R15" Tires, Duals, (2) 280/70R15" Front Mounted Gauge Wheels, (1) 4" x 16" and (1) 4-1/2" x 16" Cylinder, Color-Coded Hydraulic Hose Grips, All Hydraulic Hoses, Tongue Jack, CAT IV Hitch, Safety Chain (Less Parking Stands) | | | | | |
| Rigid Shank Mount | Shear-Bolt Protected, 10,000 lb (Shear Force) | Shear-Bolt Protected, 10,000 lb (Shear Force) | Shear-Bolt Protected, 10,000 lb (Shear Force) | Shear-Bolt Protected, 10,000 lb (Shear Force) | Shear-Bolt Protected, 10,000 lb (Shear Force) | Shear-Bolt Protected, 10,000 lb (Shear Force) | Shear-Bolt Protected, 10,000 lb (Shear Force) | Shear-Bolt Protected, 10,000 lb (Shear Force) |
| Pathfind'r™ Shank Mount | Spring Reset, 2,500 lb (Not Compatible with Pull Hitch) | Spring Reset, 2,500 lb (Not Compatible with Pull Hitch) | Spring Reset, 2,500 lb (Not Compatible with Pull Hitch) | Spring Reset, 2,500 lb (Not Compatible with Pull Hitch) | Spring Reset, 2,500 lb (Not Compatible with Pull Hitch) | Spring Reset, 2,500 lb (Not Compatible with Pull Hitch) | Spring Reset, 2,500 lb (Not Compatible with Pull Hitch) | Spring Reset, 2,500 lb (Not Compatible with Pull Hitch) |
| MRD (Minimum Residue Disturbance) Shanks | 1-1/4" Thick, Austempered Wear Bar | 1-1/4" Thick, Austempered Wear Bar | 1-1/4" Thick, Austempered Wear Bar | 1-1/4" Thick, Austempered Wear Bar | 1-1/4" Thick, Austempered Wear Bar | 1-1/4" Thick, Austempered Wear Bar | 1-1/4" Thick, Austempered Wear Bar | 1-1/4" Thick, Austempered Wear Bar |
| No-Till Shanks (Low Surface Disturbance) | 1" Thick, Austempered Wear Bar, Chromium Carbide Shank Side Protectors | 1" Thick, Austempered Wear Bar, Chromium Carbide Shank Side Protectors | 1" Thick, Austempered Wear Bar, Chromium Carbide Shank Side Protectors | 1" Thick, Austempered Wear Bar, Chromium Carbide Shank Side Protectors | 1" Thick, Austempered Wear Bar, Chromium Carbide Shank Side Protectors | 1" Thick, Austempered Wear Bar, Chromium Carbide Shank Side Protectors | 1" Thick, Austempered Wear Bar, Chromium Carbide Shank Side Protectors | 1" Thick, Austempered Wear Bar, Chromium Carbide Shank Side Protectors |
| Parabolic Shanks | 1-1/4" Thick, Chromium Carbide Wear Bar or 6" Coverboard Option | 1-1/4" Thick, Chromium Carbide Wear Bar or 6" Coverboard Option | 1-1/4" Thick, Chromium Carbide Wear Bar or 6" Coverboard Option | 1-1/4" Thick, Chromium Carbide Wear Bar or 6" Coverboard Option | 1-1/4" Thick, Chromium Carbide Wear Bar or 6" Coverboard Option | 1-1/4" Thick, Chromium Carbide Wear Bar or 6" Coverboard Option | 1-1/4" Thick, Chromium Carbide Wear Bar or 6" Coverboard Option | 1-1/4" Thick, Chromium Carbide Wear Bar or 6" Coverboard Option |
| Points | Double K® 2" Chromium Carbide Points (No-Till Shank Only) | Double K® 2" Chromium Carbide Points (No-Till Shank Only) | Double K® 2" Chromium Carbide Points (No-Till Shank Only) | Double K® 2" Chromium Carbide Points (No-Till Shank Only) | Double K® 2" Chromium Carbide Points (No-Till Shank Only) | Double K® 2" Chromium Carbide Points (No-Till Shank Only) | Double K® 2" Chromium Carbide Points (No-Till Shank Only) | Double K® 2" Chromium Carbide Points (No-Till Shank Only) |
| Points | Double K® 7" Wing Ripper Points | Double K® 7" Wing Ripper Points | Double K® 7" Wing Ripper Points | Double K® 7" Wing Ripper Points | Double K® 7" Wing Ripper Points | Double K® 7" Wing Ripper Points | Double K® 7" Wing Ripper Points | Double K® 7" Wing Ripper Points |
| Points | Double K® 2-1/2" Straight Ripper Point | Double K® 2-1/2" Straight Ripper Point | Double K® 2-1/2" Straight Ripper Point | Double K® 2-1/2" Straight Ripper Point | Double K® 2-1/2" Straight Ripper Point | Double K® 2-1/2" Straight Ripper Point | Double K® 2-1/2" Straight Ripper Point | Double K® 2-1/2" Straight Ripper Point |
| Shank Cap | Low Disturbance Shank Cap (In Lieu of Wing) | Low Disturbance Shank Cap (In Lieu of Wing) | Low Disturbance Shank Cap (In Lieu of Wing) | Low Disturbance Shank Cap (In Lieu of Wing) | Low Disturbance Shank Cap (In Lieu of Wing) | Low Disturbance Shank Cap (In Lieu of Wing) | Low Disturbance Shank Cap (In Lieu of Wing) | Low Disturbance Shank Cap (In Lieu of Wing) |
| Wing Gauge Wheels | N/A | N/A | N/A | N/A | (2) 20.5" x 8", Load Range E (One per Wing) | (2) 20.5" x 8", Load Range E (One per Wing) | (2) 20.5" x 8", Load Range E (One per Wing) | (2) 20.5" x 8", Load Range E (One per Wing) |
| Closing Wheels | (2) 4 x 16" Smooth Closing Wheels per Shank, Adjustable Spring Tension (Limit Shank Soil Blowout) | | | (2) 4 x 16" Smooth Closing Wheels per Shank, Adjustable Spring Tension (Limit Shank Soil Blowout) | | | | |
| Shank Stagger Kit | N/A | N/A | 12" Offset Between Shanks | N/A | N/A | N/A | N/A | 12" Offset Between Shanks |
| Operation | | | | | | | | |
| Recommended Operating Speed | 4 - 7 mph (6 - 11 km/h) | 4 - 7 mph (6 - 11 km/h) | 4 - 7 mph (6 - 11 km/h) | 4 - 7 mph (6 - 11 km/h) | 4 - 7 mph (6 - 11 km/h) | 4 - 7 mph (6 - 11 km/h) | 4 - 7 mph (6 - 11 km/h) | 4 - 7 mph (6 - 11 km/h) |
| Recommended Working Depth | 8" - 16" (20 - 41 cm) | 8" - 16" (20 - 41 cm) | 8" - 16" (20 - 41 cm) | 8" - 16" (20 - 41 cm) | 8" - 16" (20 - 41 cm) | 8" - 16" (20 - 41 cm) | 8" - 16" (20 - 41 cm) | 8" - 16" (20 - 41 cm) |
| Recommended Tractor Power Range | 35 - 50 ENG HP/Shank (26 - 38 kW/Shank) | 35 - 50 ENG HP/Shank (26 - 38 kW/Shank) | 35 - 50 ENG HP/Shank (26 - 38 kW/Shank) | 35 - 50 ENG HP/Shank (26 - 38 kW/Shank) | 35 - 50 ENG HP/Shank (26 - 38 kW/Shank) | 35 - 50 ENG HP/Shank (26 - 38 kW/Shank) | 35 - 50 ENG HP/Shank (26 - 38 kW/Shank) | 35 - 50 ENG HP/Shank (26 - 38 kW/Shank) |

For more machine specifications, please visit www.kuhn.com

Technical Specifications

| | 4835-730F | 4835-830F | 4835-836F | 4835-838F | 4835-840F | 4835-930F | 4835-1130F |
|---|---|--|--|---|--|--|--|
| Transport Width | 12'6" (3.8 m) | 12'4" (3.8 m) | 14'5" (4.4 m) | 14'5" (4.4 m) | 14'5" (4.4 m) | 14'5" (4.4 m) | 14'5" (4.4 m) |
| Frame Type | Heavy-Duty 6" x 6" Double Rank Toolbar | | | Heavy-Duty 6" x 6" Double Rank Toolbar | | | |
| Number of Shanks | 7 | 8 | 8 | 8 | 8 | 9 | 11 |
| Shank Spacing | 30" (76.2 cm) | 30" (76.2 cm) | 36" (91.4 cm) | 38" (96.5 cm) | 40" (101.6 cm) | 30" (76.2 cm) | 30" (76.2 cm) |
| Working Width | 17'6" (5.3 m) | 20' (6.1 m) | 24' (7.3 m) | 25'4" (7.7 m) | 26'8" (8.1 m) | 22'6" (6.8 m) | 27'6" (8.4 m) |
| Spring Reset Shank Approximate Weight | 7,300 lb (3 311 kg) | 7,800 lb (3 538 kg) | 8,464 lb (3 839 kg) | 8,464 lb (3 839 kg) | 8,464 lb (3 839 kg) | 8,813 lb (3 998 kg) | 10,217 lb (4 634 kg) |
| Shear Bolt Shank Approximate Weight | 5,900 lb (2 676 kg) | 6,200 lb (2 812 kg) | 6,851 lb (3 108 kg) | 6,851 lb (3 108 kg) | 6,851 lb (3 108 kg) | 6,993 lb (3 172 kg) | 7,992 lb (3 625 kg) |
| Hitch Type | Small Frame: CAT 3N, 3 and 4N Compatible with Parking Stands | Small Frame: CAT 3N, 3 and 4N Compatible with Parking Stands | Large Frame: CAT 3, 4N, and 4 Compatible with Parking Stands | Large Frame: CAT 3, 4N, and 4 Compatible with Parking Stands | Large Frame: CAT 3, 4N, and 4 Compatible with Parking Stands | Large Frame: CAT 3, 4N, and 4 Compatible with Parking Stands | Large Frame: CAT 3, 4N, and 4 Compatible with Parking Stands |
| Coulter Blades | 22" x 1/4" Smooth, 450 lb (250 kg) Down Pressure | 22" x 1/4" Smooth, 450 lb (250 kg) Down Pressure | 22" x 1/4" Smooth, 450 lb (250 kg) Down Pressure | 22" x 1/4" Smooth, 450 lb (250 kg) Down Pressure | 22" x 1/4" Smooth, 450 lb (250 kg) Down Pressure | 22" x 1/4" Smooth, 450 lb (250 kg) Down Pressure | 22" x 1/4" Smooth, 450 lb (250 kg) Down Pressure |
| Spring Reset Shank Mount | 2,500 lb Point Load, 20" Trip Height | 2,500 lb Point Load, 20" Trip Height | 2,500 lb Point Load, 20" Trip Height | 2,500 lb Point Load, 20" Trip Height | 2,500 lb Point Load, 20" Trip Height | 2,500 lb Point Load, 20" Trip Height | 2,500 lb Point Load, 20" Trip Height |
| No-Till Shanks (Very Low Surface Disturbance) | 3/4" Thick, Austempered Wear Bar, Chromium Carbide Shank Side Protectors | 3/4" Thick, Austempered Wear Bar, Chromium Carbide Shank Side Protectors | 3/4" Thick, Austempered Wear Bar, Chromium Carbide Shank Side Protectors | 3/4" Thick, Austempered Wear Bar, Chromium Carbide Shank Side Protectors | 3/4" Thick, Austempered Wear Bar, Chromium Carbide Shank Side Protectors | 3/4" Thick, Austempered Wear Bar, Chromium Carbide Shank Side Protectors | 3/4" Thick, Austempered Wear Bar, Chromium Carbide Shank Side Protectors |
| Points | 1-3/4" Austempered Ductile Points (No-Till Shanks Only) | 1-3/4" Austempered Ductile Points (No-Till Shanks Only) | 1-3/4" Austempered Ductile Points (No-Till Shanks Only) | 1-3/4" Austempered Ductile Points (No-Till Shanks Only) | 1-3/4" Austempered Ductile Points (No-Till Shanks Only) | 1-3/4" Austempered Ductile Points (No-Till Shanks Only) | 1-3/4" Austempered Ductile Points (No-Till Shanks Only) |
| Shattering Wing | 8" Austempered Shattering Wings | 8" Austempered Shattering Wings | 8" Austempered Shattering Wings | 8" Austempered Shattering Wings | 8" Austempered Shattering Wings | 8" Austempered Shattering Wings | 8" Austempered Shattering Wings |
| Depth Control | Ratchet Jack Adjustable Gauge Wheels | Ratchet Jack Adjustable Gauge Wheels | Ratchet Jack Adjustable Gauge Wheels | Ratchet Jack Adjustable Gauge Wheels | Ratchet Jack Adjustable Gauge Wheels | Ratchet Jack Adjustable Gauge Wheels | Ratchet Jack Adjustable Gauge Wheels |
| Gauge Wheels | (2) 20.5" x 8", Load Range E | (2) 20.5" x 8", Load Range E | (2) 20.5" x 8", Load Range E | (2) 20.5" x 8", Load Range E | (2) 20.5" x 8", Load Range E | (2) 20.5" x 8", Load Range E | (2) 20.5" x 8", Load Range E |
| Transport Locks and Safety | Slow Moving Vehicle Sign, High Visibility LED Transport Light Kit | | | Slow Moving Vehicle Sign, High Visibility LED Transport Light Kit | | | |
| Optional Equipment | | | | | | | |
| Hitch Type | Drawbar Pull Hitch with Rear Lift Wheels, Includes (4) 280/70R15" Tires, Duals, (2) 280/70R15" Front Mounted Gauge Wheels, (1) 4" x 16" and (1) 4-1/2" x 16" Cylinder, Color-Coded Hydraulic Hose Grips, All Hydraulic Hoses, Tongue Jack, CAT IV Hitch, Safety Chain (Less Parking Stands) | | | Drawbar Pull Hitch with Rear Lift Wheels, Includes (4) 280/70R15" Tires, Duals, (4) 280/70R15" Front Mounted Gauge Wheels, (1) 4" x 16" and (1) 4-1/2" x 16" Cylinder, Color-Coded Hydraulic Hose Grips, All Hydraulic Hoses, Tongue Jack, CAT IV Hitch, Safety Chain (Less Parking Stands) | | | |
| Rigid Shank Mount | Shear-Bolt Protected, 10,000 lb (Shear Force) | Shear-Bolt Protected, 10,000 lb (Shear Force) | Shear-Bolt Protected, 10,000 lb (Shear Force) | Rigid: Shear-Bolt Protected, 10,000 lb (Shear Force) | Rigid: Shear-Bolt Protected, 10,000 lb (Shear Force) | Rigid: Shear-Bolt Protected, 10,000 lb (Shear Force) | Rigid: Shear-Bolt Protected, 10,000 lb (Shear Force) |
| Pathfind'r™ Shank Mount | Pivoting Spring Reset, 2,500 lb (Not Compatible with Pull Hitch) | Pivoting Spring Reset, 2,500 lb (Not Compatible with Pull Hitch) | Pivoting Spring Reset, 2,500 lb (Not Compatible with Pull Hitch) | Pivoting Spring Reset, 2,500 lb (Not Compatible with Pull Hitch) | Pivoting Spring Reset, 2,500 lb (Not Compatible with Pull Hitch) | Pivoting Spring Reset, 2,500 lb (Not Compatible with Pull Hitch) | Pivoting Spring Reset, 2,500 lb (Not Compatible with Pull Hitch) |
| MRD (Minimum Residue Disturbance) Shanks | 1-1/4" Thick, Austempered Wear Bar | 1-1/4" Thick, Austempered Wear Bar | 1-1/4" Thick, Austempered Wear Bar | 1-1/4" Thick, Austempered Wear Bar | 1-1/4" Thick, Austempered Wear Bar | 1-1/4" Thick, Austempered Wear Bar | 1-1/4" Thick, Austempered Wear Bar |
| Heavy-Duty No-Till Shanks (Low Surface Disturbance) | 1" Thick, Austempered Wear Bar, Chromium Carbide Shank Side Protectors | 1" Thick, Austempered Wear Bar, Chromium Carbide Shank Side Protectors | 1" Thick, Austempered Wear Bar, Chromium Carbide Shank Side Protectors | 1" Thick, Austempered Wear Bar, Chromium Carbide Shank Side Protectors | 1" Thick, Austempered Wear Bar, Chromium Carbide Shank Side Protectors | 1" Thick, Austempered Wear Bar, Chromium Carbide Shank Side Protectors | 1" Thick, Austempered Wear Bar, Chromium Carbide Shank Side Protectors |
| Parabolic Shanks | 1-1/4" Thick, Chromium Carbide Wear Bar or 6" Coverboard Option | 1-1/4" Thick, Chromium Carbide Wear Bar or 6" Coverboard Option | 1-1/4" Thick, Chromium Carbide Wear Bar or 6" Coverboard Option | 1-1/4" Thick, Chromium Carbide Wear Bar or 6" Coverboard Option | 1-1/4" Thick, Chromium Carbide Wear Bar or 6" Coverboard Option | 1-1/4" Thick, Chromium Carbide Wear Bar or 6" Coverboard Option | 1-1/4" Thick, Chromium Carbide Wear Bar or 6" Coverboard Option |
| Points | Double K® 2" Chromium Carbide Points (No-Till Shank Only) | Double K® 2" Chromium Carbide Points (No-Till Shank Only) | Double K® 2" Chromium Carbide Points (No-Till Shank Only) | Double K® 2" Chromium Carbide Points (No-Till Shank Only) | Double K® 2" Chromium Carbide Points (No-Till Shank Only) | Double K® 2" Chromium Carbide Points (No-Till Shank Only) | Double K® 2" Chromium Carbide Points (No-Till Shank Only) |
| Points | Double K® 7" Wing Ripper Points | Double K® 7" Wing Ripper Points | Double K® 7" Wing Ripper Points | Double K® 7" Wing Ripper Points | Double K® 7" Wing Ripper Points | Double K® 7" Wing Ripper Points | Double K® 7" Wing Ripper Points |
| Points | Double K® 2-1/2" Straight Ripper Point | Double K® 2-1/2" Straight Ripper Point | Double K® 2-1/2" Straight Ripper Point | Double K® 2-1/2" Straight Ripper Point | Double K® 2-1/2" Straight Ripper Point | Double K® 2-1/2" Straight Ripper Point | Double K® 2-1/2" Straight Ripper Point |
| Shank Cap | Low Disturbance Shank Cap (In Lieu of Wing) | Low Disturbance Shank Cap (In Lieu of Wing) | Low Disturbance Shank Cap (In Lieu of Wing) | Low Disturbance Shank Cap (In Lieu of Wing) | Low Disturbance Shank Cap (In Lieu of Wing) | Low Disturbance Shank Cap (In Lieu of Wing) | Low Disturbance Shank Cap (In Lieu of Wing) |
| Wing Gauge Wheels | (2) 20.5" x 8", Load Range E (One per Wing) | (2) 20.5" x 8", Load Range E (One per Wing) | (2) 20.5" x 8", Load Range E (One per Wing) | (2) 20.5" x 8", Load Range E (One per Wing) | (2) 20.5" x 8", Load Range E (One per Wing) | (2) 20.5" x 8", Load Range E (One per Wing) | (2) 20.5" x 8", Load Range E (One per Wing) |
| Closing Wheels | (2) 4 x 16" Smooth Closing Wheels per Shank, Adjustable Spring Tension (Limit Shank Soil Blowout) | | | (2) 4 x 16" Smooth Closing Wheels per Shank, Adjustable Spring Tension (Limit Shank Soil Blowout) | | | |
| Shank Stagger Kit | 12" Offset Between Shanks | N/A | N/A | N/A | N/A | 12" Offset Between Shanks | 12" Offset Between Shanks |
| Operation | | | | | | | |
| Recommended Operating Speed | 4 - 7 mph (6 - 11 km/h) | 4 - 7 mph (6 - 11 km/h) | 4 - 7 mph (6 - 11 km/h) | 4 - 7 mph (6 - 11 km/h) | 4 - 7 mph (6 - 11 km/h) | 4 - 7 mph (6 - 11 km/h) | 4 - 7 mph (6 - 11 km/h) |
| Recommended Working Depth | 8" - 16" (20 - 41 cm) | 8" - 16" (20 - 41 cm) | 8" - 16" (20 - 41 cm) | 8" - 16" (20 - 41 cm) | 8" - 16" (20 - 41 cm) | 8" - 16" (20 - 41 cm) | 8" - 16" (20 - 41 cm) |
| Recommended Tractor Power Range | 35 - 50 ENG HP/Shank (26 - 38 kW/Shank) | 35 - 50 ENG HP/Shank (26 - 38 kW/Shank) | 35 - 50 ENG HP/Shank (26 - 38 kW/Shank) | 35 - 50 ENG HP/Shank (26 - 38 kW/Shank) | 35 - 50 ENG HP/Shank (26 - 38 kW/Shank) | 35 - 50 ENG HP/Shank (26 - 38 kW/Shank) | 35 - 50 ENG HP/Shank (26 - 38 kW/Shank) |

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