



Disc Harrows
8100 / 7305 / 8220 / 8320 / 5805



8100 / 7305 / 8220 / 8320 / 5805

SEEDBED FINISHING TO PRIMARY TILLAGE

KUHN KRAUSE TANDEM AND OFFSET DISC HARROWS PROVIDE EXCELLENT RESIDUE CUTTING AND SEEDBED PREPARATION TO ENSURE THE PROPER PLACEMENT OF SEEDS. RESIDUE RAZOR™ DISC BLADES COMBINED WITH GOOD WEIGHT-TO-BLADE RATIO ENSURE CONSISTENT SOIL PENETRATION IN A VARIETY OF CONDITIONS. A WIDE RANGE OF WIDTHS ARE AVAILABLE FOR A VARIETY OF TRACTOR POWER OPTIONS AND THE TRADEMARKED QUAD-FOLD™ PROVIDES EXCEPTIONAL TRANSPORT DIMENSIONS.



| Models | Working Width | Disc Spacing | Bearing Arm |
|---------------|----------------------------------|---|-------------|
| 8100N | 12'4" - 16'2" (3.7 - 5.1 m) | 8" (20.3 cm) | Rock-Flex™ |
| 8100W | 12'3" - 18'1" (3.8 - 5.5 m) | 9-1/8" (23.2 cm) | Rock-Flex |
| 7305N | 18'2" - 34'1" (5.5 - 10.4 m) | 7-3/4" (19.7 cm) | Rigid |
| 7305W | 18'1" - 34' (5.5 - 10.4 m) | 9-1/8" (23.2 cm) | Rigid |
| 7305NR | 18'2" - 34'1" (5.5 - 10.4 m) | 7-3/4" (19.7 cm) | Rock-Flex |
| 7305WR | 18'1" - 34' (5.5 - 10.4 m) | 9-1/8" (23.2 cm) | Rock-Flex |
| 8220N | 18'10" - 37'8" (5.7 - 11.5 m) | 8" Front, 8" Rear (20.3 cm) | Rock-Flex |
| 8220W | 19'9" - 44'3" (6 - 13.5 m) | 9" Front, 9" Rear (22.9 cm) | Rock-Flex |
| 8320N | 19'10" - 37'3" (6 - 11.4 m) | 9" Front, 10"Rear (22.9 cm, 25.4 cm) | Rock-Flex |
| 8320W | 19'10" - 37'3" (6 - 11.4 m) | 10" Front, 10" Rear (25.4 cm) | Rock-Flex |
| 5805 | 12'3" - 20'2" (3.7 - 6.1 m) | 10" Front, 10" Rear (25.4) | Rigid |
| 5805R | 12'3" - 20'2" (3.7 - 6.1 m) | 10" Front, 10" Rear (25.4) | Rock-Flex |

Summary

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CHOOSE THE RIGHT DISC HARROW

CLASS I – Seedbed Finishing

KUHN Krause Class I tandem disc harrows deliver an excellent seedbed finish. With optimal weight-to-blade ratios, these machines maintain a consistent seedbed depth, critical during early spring seedbed preparation.










CLASS II – All-Purpose

Class II tandem disc harrows provide all-purpose operation in a variety of soil and residue conditions. KUHN Krause Class II tandem disc harrows are available for a variety of tractor power requirements.

CLASS III – Primary Tillage

KUHN Krause Class III tandem and offset disc harrows deliver primary tillage operation where maximum soil penetration and residue mixing is required. With a variety of configurations available to match your tractor power requirements, these disc harrows deliver the durability synonymous with the KUHN Krause name.

DISC HARROW CLASSIFICATION

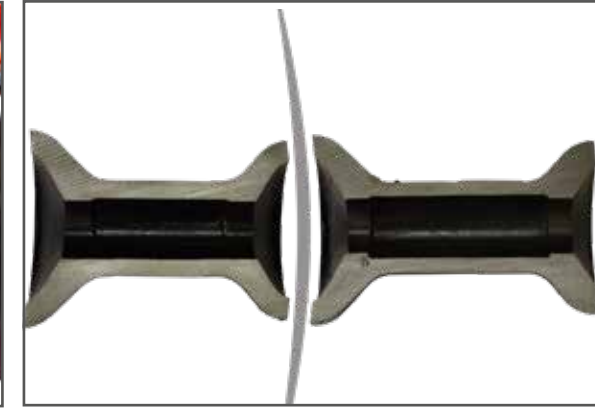
| | | Class I Seedbed Finishing 100 - 180 lbs per blade | | | | Class II All-Purpose 180 - 250 lbs per blade | | | | Class III Primary Tillage 250 - 300+ lbs per blade | | | |
|---|--------|---|-----|-----|-----|--|-----|-----|-----|--|-----|-----|-----|
| | | 100 | 120 | 140 | 160 | 180 | 200 | 220 | 240 | 260 | 280 | 300 | 320 |
|  | 8100N | █ | █ | | | | | | | | | | |
|  | 8100W | █ | █ | █ | | | | | | | | | |
|  | 7305N | | | █ | █ | █ | | | | | | | |
|  | 7305W | | | █ | █ | █ | █ | | | | | | |
|  | 7305NR | | | █ | █ | █ | █ | | | | | | |
|  | 7305WR | | | | | █ | █ | █ | █ | | | | |
|  | 8220N | | | | | | | █ | █ | | | | |
|  | 8220W | | | | | | | | █ | █ | █ | | |
|  | 8320N | | | | | | | | | █ | █ | | |
| | 8320W | | | | | | | | | | █ | █ | |
| | 5805 | | | | | | | █ | █ | █ | █ | | |
| | 5805R | | | | | | | | | | | █ | |

THE STRENGTH IS IN THE GANG



ROCK-FLEX™ BEARING ARMS

Rock-Flex bearing hangers flex over the toughest obstacles protecting disc gang components from damage in rocky fields. Rock-Flex C-arms also dampen shock levels during field operation and limit them from being transmitted directly to the disc frame.



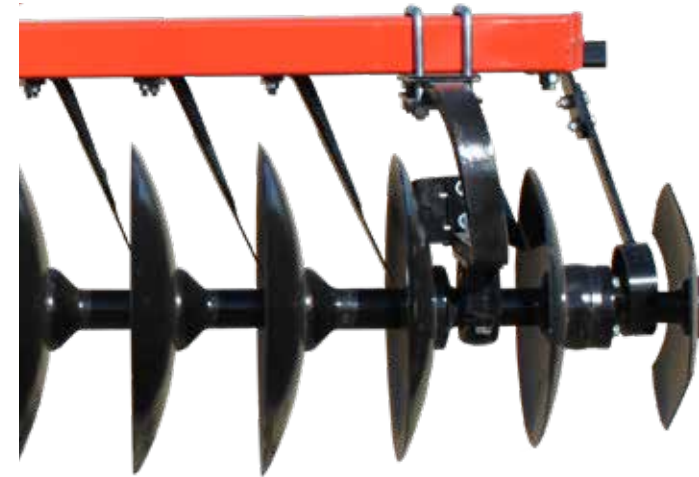
SPOOLS

KUHN Krause heavy cast spools multiply the strength of the disc gang. Spools are line-bored for an exact fit on the tie rod and precision-faced to perfectly match the blade surface. A larger bell on the concave end and a smaller bell on the convex end provide an overlap fit against the blades, supporting the blade more positively without creating a stress line.



RESIDUE RAZOR™ DISC BLADES

All KUHN Krause tandem and offset disc harrows feature Residue Razor disc blades that are engineered with a unique Boron steel optimizing strength to withstand stress and fractures, while providing flexibility in rocky conditions. Residue Razor discs have an exceptionally sharp edge, five times sharper than conventional blades.



GANGS

Gang angles are matched to each disc harrow classification to optimize depth of operation and uniform leveling for consistent performance. Rear gangs feature tapered blades to provide a level pass-to-pass finish. Bolt-on extension spool and furrow filler blade are standard equipment on KUHN Krause discs so inadvertently hitting an obstacle doesn't damage the entire gang.

BEARINGS

Rock-Flex and rigid bearing arms feature PEER® TILLXTREME™ maintenance-free bearings deliver the durability synonymous with the KUHN Krause name.



8100 - CLASS I SEEDBED

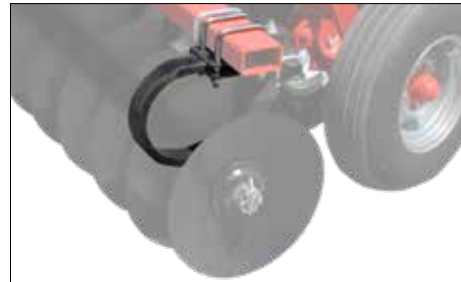
Designed for seedbed finishing, the 8100 disc harrow offers economical versatility to the owners of 60 to 145 horsepower tractors. With Rock-Flex™ bearing arms, 22" Residue Razor™ disc blades on 8" or 9" spacing, adjustable gang angles, dual wheels and a built-in rear hitch, the 8100 disc harrow allows operators to perform seedbed preparation and residue management with a variety of options.



ADDITIONAL FEATURES



COMBINATION HITCH
The combination hitch offers convenience for different styles of tractor drawbars.



ROCK-FLEX™ BEARING ARM
Rock-Flex bearing arms with regreaseable SuperSeal bearings provide protection from rocky or hard soil conditions.



DEPTH CONTROL
Simple, adjustable stop-collar single-point hydraulic depth control allows easy depth adjustment to meet your agronomic needs.



ADJUSTABLE GANG ANGLE
Front gang angle is adjustable from 15 degrees to 21 degrees, and rear gang angle is adjustable from 12 degrees to 18 degrees.



SCRAPERS
Rigid scrapers are strong and efficient, heat treated and hot formed from high carbon steel. Adjust each scraper individually or move the entire gang of scrapers at the same time.



REAR HITCH
A built-in rear hitch is standard on all 8100 tandem disc harrows.

7305 - CLASS I SEEDBED OR CLASS II ALL-PURPOSE

The 7305 tandem disc harrow features 22" diameter blades with 17 degree front and rear gang angle. The 17 degree gang angles give this machine unmatched performance for residue sizing, soil mixing, herbicide incorporation and field finish while reducing draft and compaction. Choose from the Class I seedbed finishing model with narrow 7 3/4" blade spacing or the Class II all-purpose model with wide 9 1/8" blade spacing.



ADDITIONAL FEATURES



RIGID BEARING ARM
A cost-effective solution in non-rocky conditions, rigid bearing arms with PEER® TILLXTREME™ maintenance-free bearings are formed to match concavity of disc blade for reliable residue and soil flow.



ROCK-FLEX™ BEARING ARM
Rock-Flex bearing arms with PEER® TILLXTREME™ maintenance-free bearings provide protection from rocky or hard soil conditions.



SINGLE-POINT DEPTH CONTROL
A single-point crank-style depth control located on the left-hand side of the machine provides easy access for the operator. Fine tune depth for variable soil conditions.



RIGID SCRAPERS
Extremely strong and efficient scraper that resists wear. You can adjust each scraper individually or move the entire gang of scrapers at the same time. 3 1/2" wide scrapers are standard equipment.



WING WHEELS
Forward-facing wing wheels rotate close to the front gangs for precise depth control and reduced gouging in terraced or rolling fields.



REAR HITCH
A rear trail hitch is available for 7305 tandem disc harrows that do not have a 3-bar harrow attachment.

8220 - CLASS II ALL-PURPOSE

With a choice of 22" or 24" diameter, 6 gauge or 1/4" thick Residue Razor™ disc blades on 8" or 9-1/8" spacing, producers can configure the 8220 tandem disc harrow to match their residue and soil conditions for optimum performance. The 20 degree front and 19 degree rear gang angle provide consistent residue cutting and mixing. Heavy-duty 6" ductile iron spools, rock-flex bearing arms and PEER® TILLXTREME™ maintenance-free bearings offer the strength and endurance that set the 8220 above the competition.



8320 - CLASS III PRIMARY

The KUHN Krause 8320 tandem disc harrow offers a variety of disc blades options with blades spaced 9" or 10" apart on the front gang and 10" apart on the rear gang. Heavy-duty 7" diameter ductile iron spools multiply the strength of the gang. The 22 degree gang angle on the front and 19 degree gang angle on the rear allow for optimum residue cutting and mixing in primary tillage conditions.



SHARED FEATURES



SELF-LEVELING HITCH

The massive A-frame tongue on the 8220/8320 disc harrows features a standard turnbuckle adjusted self-leveling system. Once adjusted for the tractor's drawbar height, the unit maintains level working position even when depth changes are made.



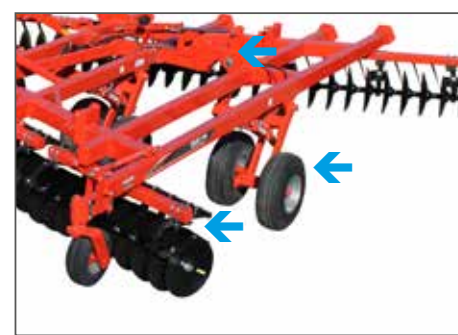
SINGLE-POINT DEPTH CONTROL

Adjust working depth across the entire disc from a single location with a convenient crank at the front of the disc. Fine-tune depth using the indicator decal.



SPRING SCRAPERS

The 5-inch scraper is easily adjusted by simply loosening a single bolt, adjusting for scraper gap if needed and locking in place by tightening the bolt. The scraper spring provides the tension to move the scraper to the specified location against the face of the disc blade.



REDUCED MAINTENANCE

Maintenance-free bearings on the gangs and optional heavy-duty 24/7® reels, no-grease wheel rocker pivots on mainframe and wings and no-grease wing hinge.



HEAVY-DUTY TRANSPORT

Heavy-duty center wheel rocker and arms. Walking beams with slip-in spindles and heavy-duty hubs.



QUAD-FOLD™

Rigid center section with folding inner and outer wings allow easy field to field transport, available on 8220 36' to 44' and 8320 37' sizes.

5805 - CLASS III PRIMARY

The 5805 offset disc harrow offers features a massive tongue with a handy 7 setting “wrenchless” adjustment, making it easy for the operator to set the 5805 for the correct draft. Hydraulic cylinders on the rocker shafts act directly on each wheel arm reducing frame stress and torsion.



DISC GANGS
26" or 28" diameter Residue Razor™ disc blades mounted on Rock-Flex or rigid bearing arms with PEER® TILLXTREME™ maintenance-free bearings.



RIGID BEARING ARM
Cost-effective solution in non-rock conditions. Bearing arm is formed to match concavity of disc blade for residue and soil flow.



ROCK-FLEX™ BEARING ARM
Rock-Flex bearing arms provide protection from rocky or hard soil conditions.



HYDRAULIC DEPTH CONTROL
Single-point, crank-style depth control allows operators to fine-tune working depth for variable seedbed conditions.



ADJUSTABLE GANG ANGLE
Gang angles are pin-stop adjustable from 16 degrees to 25 degrees. Ratchet-jack on rear gang allows side-to-side gang adjustment to fine-tune performance.

24/7® LEVELING SYSTEMS

3-BAR SPIKE HARROW

For excellent clod sizing in lot to moderate residue conditions, the 3-bar spike harrow is an efficient way to create a level seedbed. Rugged ¾" x 10" square spikes provide long lasting leveling.



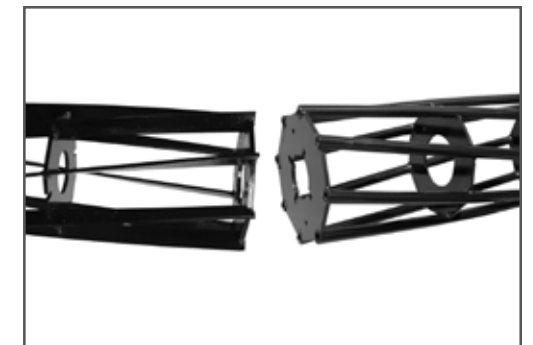
24/7® 3-ROW COIL TINE HARROW

Featuring a parallel link leveling system for superior residue flow and even distribution, the coil tine harrow offers an increase in yield potential and improved residue management even in high residue conditions. With 7/16" diameter 16" long tines, the 24/7 coil tine harrow ensures smoother residue distribution and better chemical incorporation.



24/7® SOIL CONDITIONING REEL

For maximum clod sizing, leveling and soil firming the 24/7 soil conditioning reel is your choice. Choose the round, heavy-duty, spiral rods for loamy soils or flat, spiral blades for high-clay soils. A float setting widens the tillage/weather window when operating in wet soil conditions.



ADDITIONAL FEATURES



GUARDIAN HITCH™

This exclusive option guards against stress on the tractor drawbar and implement frame. Lateral drawbar forces are transferred through the hitch pivot where shock load from steering input is dampened by urethane blocks.



HYDRAULIC FORE-TO-AFT LEVELING

Optional hydraulic leveling allows for field-to-field, front-to-rear leveling adjustments without leaving the cab.



CASTERING GAUGE WHEELS

To help pivot with the disc harrow on contours instead of creating a furrow, the castering gauge wheels are standard on the Quad-Fold™ models and optional on others. The wrenchless adjustment makes setting easier than ever.



WALKING BEAMS

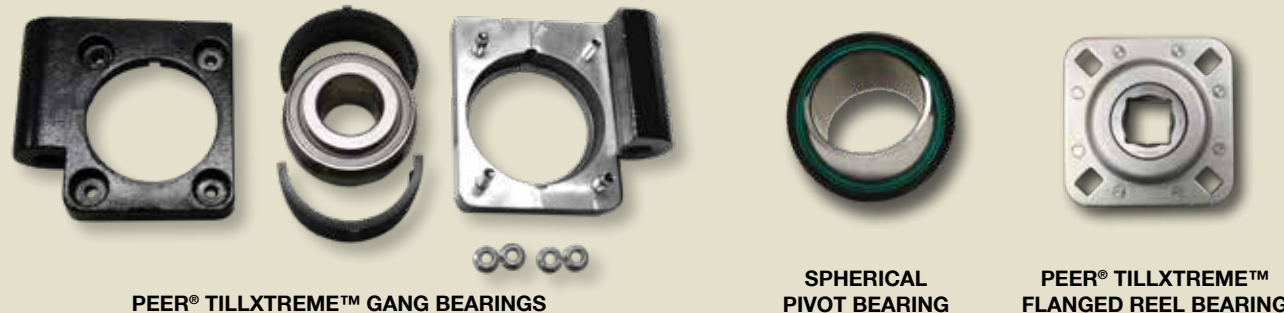
Walking beams with metric tires and spherical pivot bearings allow for consistent working depth on rough ground and more stable road transport. Standard on all 8220 and 8320 disc harrows.



REAR HITCH

Extendable tongue that allows one person to easily connect the 8220/8320 to towed implements.

MAINTENANCE-FREE BEARINGS: 7305 / 8220 / 8320 / 5805



PEER® TILLXTREME™ GANG BEARINGS

SPHERICAL PIVOT BEARING

PEER® TILLXTREME™ FLANGED REEL BEARING

Technical Specifications

| | 8100-12N/ 8100-12W | 8100-14N/ 8100-14W | 8100-15N/ 8100-15W | 8100-16N | 8100-18W |
|------------------------|---|---|---|---------------------|---------------------|
| Transport Width | 13'11" (4.2 m)/ 13'10" (4.2 m) | 15'2" (4.6 m)/ 15'4" (4.6 m) | 16'5" (5 m)/ 16'10" (5.1 m) | 17'9" (5.4 m) | 19'8" (6 m) |
| Frame Type | Rigid | Rigid | Rigid | Rigid | Rigid |
| Number of Disc Blades | 38/34 | 42/38 | 46/42 | 50 | 50 |
| Number of Bearing Arms | 8 | 8 | 12 | 12 | 12 |
| Working Width | 12'4" (3.7 m)/ 12'3" (3.8 m) | 13'7" (4.1 m)/ 13'9" (4.2 m) | 14'10" (4.5 m)/ 15'3" (4.6 m) | 16'2" (4.9 m) | 18'1" (5.5 m) |
| Weight | 4,624 lb (2 097 kg)/ 4,456 lb (2 021 kg) | 4,889 lb (2 218 kg)/ 4,722 lb (2 142 kg) | 5,317 lb (2 412 kg)/ 5,154 lb (2 338 kg) | 6,449 lb (2 925 kg) | 6,568 lb (2 979 kg) |
| Disc Blade Spacing | 8" (20.3 cm)/ 9-1/8" (23.2 cm) | | | 8" (20.3 cm) | 9-1/8" (23.2 cm) |
| Disc Gang Angle | Front 15, 18, 21 Degrees, Rear 12, 15, 18 Degrees | | | | |

Standard Equipment

| | |
|----------------------------|---|
| Hitch Type | Combination 1-1/2" (38mm) Pin |
| Leveling | Fore-Aft Mechanical Leveling |
| Hydraulics | Color-Coded Hydraulic Hose Grips |
| Depth Control | Mechanical Stroke Control |
| Disc Gangs | 1-3/4" Round Diameter Alloy Tie Rod, Rock-Flex™ Bearing Arms 1-1/4" x 2-1/2", 6" Bell Diameter Ductile Iron Spools, Regreaseable SuperSeal Bearings |
| Disc Blades | 22" x 6 Gauge Residue Razor™ Solid Edge |
| Taper Blades | Front 22" - 20", Rear 22" - 20" - 18" - 16" Bolt-On Furrow Filler |
| Disc Scrapers | Adjustable 3.5" (8.9 cm) Wide |
| Rear Hitch | Hitch Lug Weldment |
| Tires | (4) 9.5L x 15" 8-Ply, Duals, 6-Bolt Heavy-Duty Hubs |
| Transport Locks and Safety | Tongue Jack, High Visibility LED Lighting, Slow Moving Vehicle Sign |

Optional Equipment

| | |
|-----------------------|--|
| Disc Blades | 22" x 1/4" Notched Edge |
| Disc Blades | 22" x 1/4" Notched Edge Front and 22" x 1/4" Rear Residue Razor™ Solid |
| Disc Blades | 22" x 1/4" Residue Razor™ Solid Edge |
| Finishing Attachments | 3-Row Tine Harrow, 16" Tines |

Operation

| | |
|-----------------------------|-------------------------------|
| Recommended Operating Speed | 4 - 6 mph (6 - 9 km/h) |
| Working Depth Range | 2" - 5" (5 - 12.7 cm) |
| Recommended Tractor Power | 6 - 9 ENG HP/ft (14 -23 kW/m) |

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

Technical Specifications

| 7305 Models with Rigid Bearing Arms | 7305-18N | 7305-18W | 7305-21N | 7305-21W | 7305-24N | 7305-24W | 7305-27N | 7305-27W | 7305-31N | 7305-31W | 7305-34N | 7305-34W |
|-------------------------------------|---|----------------------|----------------------|----------------------|----------------------|--|---|--|----------------------|------------------------------|----------------------|----------------------|
| Transport Width | 10'11" (3.3 m) | 10'11" (3.3) | 10'11" (3.3 m) | 10'11" (3.3) | 14'7" (4.4 m) | 14'7" (4.4) | 14'7" (4.4) | 14'7" (4.4) | 16'4" (5 m) | 16'4" (5 m) | 16'4" (5 m) | 16'4" (5 m) |
| Transport Height | 10'2" (3.1 m) | 10'2" (3.1 m) | 11'7" (3.5 m) | 11'7" (3.5 m) | 11'6" (3.5 m) | 11'6" (3.5 m) | 12'10" (3.9 m) | 12'10" (3.9 m) | 14'2" (4.3 m) | 14'2" (4.3 m) | 15'6" (4.7 m) | 15'6" (4.7 m) |
| Frame Type | 3-Section | 3-Section | 3-Section | 3-Section | 3-Section | 3-Section | 3-Section | 3-Section | 3-Section | 3-Section | 3-Section | 3-Section |
| Number of Disc Blades | 58 | 50 | 66 | 58 | 78 | 66 | 86 | 74 | 102 | 86 | 110 | 94 |
| Number of Bearing Arms | 16 | 16 | 20 | 20 | 20 | 20 | 20 | 20 | 26 | 26 | 26 | 26 |
| Working Width | 18'2" (5.5 m) | 18'1" (5.5 m) | 20'7" (6.3 m) | 21' (6.4 m) | 24'4" (7.4 m) | 23'11" (7.3 m) | 26'9" (8.2 m) | 26'9" (8.2 m) | 31'8" (9.7 m) | 31'1" (9.5 m) | 34'1" (10.4 m) | 34' (10.4 m) |
| Weight | 10,476 lb (4 752 kg) | 10,238 lb (4 644 kg) | 11,265 lb (5 110 kg) | 11,034 lb (5 005 kg) | 12,898 lb (5 850 kg) | 12,379 lb (5 615 kg) | 13,268 lb (6 018 kg) | 12,962 lb (5 879 kg) | 15,155 lb (6 874 kg) | 14,610 lb (6 627 kg) | 15,698 lb (7 120 kg) | 15,173 lb (6 882 kg) |
| Standard Equipment | | | | | | | | | | | | |
| Disc Blade Spacing | 7-3/4" (19.7 cm) | 9-1/8" (23.2 cm) | 7-3/4" (19.7 cm) | 9-1/8" (23.2 cm) | 7-3/4" (19.7 cm) | 9-1/8" (23.2 cm) | 7-3/4" (19.7 cm) | 9-1/8" (23.2 cm) | 7-3/4" (19.7 cm) | 9-1/8" (23.2 cm) | 7-3/4" (19.7 cm) | 9-1/8" (23.2 cm) |
| Disc Gang Angle | 17 Degrees Front and Rear | | | | | | 17 Degrees Front and Rear | | | | | |
| Hitch Type | CAT III, Articulating Ball Cast Hitch, 1-1/2" Pin | | | | | CAT IV, Articulating Ball Cast Hitch, 2" Pin | | CAT IV, Articulating Ball Cast Hitch, 2" Pin | | | | |
| Leveling | Fore-Aft Mechanical Adjustable, Level-Lift Tongue | | | | | | Fore-Aft Mechanical Adjustable, Level-Lift Tongue | | | | | |
| Hydraulics | Color-Coded Hydraulic Hose Grips | | | | | | Color-Coded Hydraulic Hose Grips | | | | | |
| Depth Control | Crank Style, Single-Point Hydraulic Depth Control | | | | | | Crank Style, Single-Point Hydraulic Depth Control | | | | | |
| Disc Gangs | 1-3/4" Round Alloy Tie Rod, 6" Bell Diameter Ductile Iron Spools, Rigid Bearing Arms, PEER® TILLXTREME™ Maintenance-Free Bearings | | | | | | 1-3/4" Round Alloy Tie Rod, 6" Bell Diameter Ductile Iron Spools, Rigid Bearing Arms, PEER® TILLXTREME™ Maintenance-Free Bearings | | | | | |
| Disc Blades | 22" x 6 Gauge Residue Razor™ Solid Edge | | | | | | 22" x 6 Gauge Residue Razor™ Solid Edge | | | | | |
| Taper Blades | Front 22" - 20", Rear 22" - 20" - 18" - 16", Bolt-On Furrow Filler | | | | | | Front 22" - 20", Rear 22" - 20" - 18" - 16", Bolt-On Furrow Filler | | | | | |
| Disc Scrapers | Adjustable 3.5" (8.9 cm) Wide | | | | | | Adjustable 3.5" (8.9 cm) Wide | | | | | |
| Center Section Tires | (4) 280/70R15, Duals, 6-Bolt Heavy-Duty Hubs | | | | | | (4) 280/70R15, Duals, 6-Bolt Heavy-Duty Hubs | | | | | |
| Wing Section Tires | (1) 280/70R15, Single, 6-Bolt Heavy-Duty Hub, per Wing | | | | | (2) 280/70R15, Walking Beam, 6-Bolt Heavy-Duty Hub, per Wing | | | | | | |
| Transport Locks and Safety | Hydraulic Ball Valve Wing-Fold and Transport Lock, Slow Moving Vehicle Sign, LED Lighting | | | | | | Hydraulic Ball Valve Wing-Fold and Transport Lock, Slow Moving Vehicle Sign, LED Lighting | | | | | |
| Optional Equipment | | | | | | | | | | | | |
| Wing Gauge Wheels | (2) 20.5 x 8 Load Range E OR (2) 20.5 x 8 (Kevlar) | | | | | | (2) 20.5 x 8 Load Range E OR (2) 20.5 x 8 (Kevlar) | | | | | |
| Leveling | Hydraulic Fore-Aft Leveling | | | | | | Hydraulic Fore-Aft Leveling | | | Mechanical Fore-Aft Leveling | | |
| Rear Jack Mount | Jack Extension Weldment | | | | | | Jack Extension Weldment | | | | | |
| Disc Blades | 22" x 7 Gauge Residue Razor™ Solid Edge | | | | | | 22" x 7 Gauge Residue Razor™ Solid Edge | | | | | |
| Center Section Tires | (4) 280/70R15, Walking Beams, Center, 6-Bolt Heavy-Duty Hubs | | | | | Not Applicable | | | | | | |
| Wing Section Tires | Not Applicable | | | | | (2) 280/70R15 Duals, 6-Bolt Heavy-Duty Hubs per Wing | | | | | | |
| Rear Hitch | Rear Hitch, 10,000 lb Horizontal and 1,000 lb Vertical Load | | | | | | Rear Hitch, 10,000 lb Horizontal and 1,000 lb Vertical Load | | | | | |
| Finishing Attachments | 3-Bar Harrow OR 16" Coil-Tine | | | | | | 3-Bar Harrow OR 16" Coil-Tine | | | | | |
| Operation | | | | | | | | | | | | |
| Recommended Operating Speed | 5 - 7 mph (8 - 11 km/h) | | | | | | 5 - 7 mph (8 - 11 km/h) | | | | | |
| Working Depth Range | 2" - 5" (5 - 12.7 cm) | | | | | | 2" - 5" (5 - 12.7 cm) | | | | | |
| Recommended Tractor Power | 7 - 11 ENG HP/ft (17 - 26 kW/m) | | | | | | 7 - 11 ENG HP/ft (17 - 26 kW/m) | | | | | |

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

Technical Specifications

| 7305 Models with Rock-Flex™ Bearing Arms | 7305-18NR | 7305-18WR | 7305-21NR | 7305-21WR | 7305-24NR | 7305-24WR | 7305-27NR | 7305-27WR | 7305-31NR | 7305-31WR | 7305-34NR | 7305-34WR | |
|--|--|---|---|---|---|--|--|--|---|--|---|---|--|
| Transport Width | 10'11" (3.3) | 10'11" (3.3) | 10'11" (3.3) | 10'11" (3.3) | 14'7" (4.4) | 14'7" (4.4) | 14'7" (4.4) | 14'7" (4.4) | 16'4" (5 m) | 16'4" (5 m) | 16'4" (5 m) | 16'4" (5 m) | |
| Transport Height | 10'2" (3.1 m) | 10'2" (3.1 m) | 11'7" (3.5 m) | 11'7" (3.5 m) | 11'6" (3.5 m) | 11'6" (3.5 m) | 12'10" (3.9 m) | 12'10" (3.9 m) | 14'2" (4.3 m) | 14'2" (4.3 m) | 15'6" (4.7 m) | 15'6" (4.7 m) | |
| Frame Type | 3-Section | 3-Section | 3-Section | 3-Section | 3-Section | 3-Section | 3-Section | 3-Section | 3-Section | 3-Section | 3-Section | 3-Section | |
| Number of Disc Blades | 58 | 50 | 66 | 58 | 78 | 66 | 86 | 74 | 102 | 86 | 110 | 94 | |
| Number of Bearing Arms | 16 | 16 | 20 | 20 | 20 | 20 | 20 | 20 | 26 | 26 | 26 | 26 | |
| Working Width | 18'2" (5.5 m) | 18'1" (5.5 m) | 21' (6.4 m) | 21' (6.4 m) | 24'4" (7.4 m) | 23'11" (7.3 m) | 26'9" (8.2 m) | 26'9" (8.2 m) | 31'8" (9.7 m) | 31'1" (9.5 m) | 34'1" (10.4 m) | 34'1" (10.4 m) | |
| Weight | 11,130 lb (5 048 kg) | 11,145 lb (5 055 kg) | 12,019 lb (5 452 kg) | 12,154 lb (5 513 kg) | 13,642 lb (6 188 kg) | 13,420 lb (6 087 kg) | 14,137 lb (6 412 kg) | 14,170 lb (6 427 kg) | 16,910 lb (7 344 kg) | 16,055 lb (7 282 kg) | 16,624 lb (7 541 kg) | 16,611 lb (7 535 kg) | |
| Standard Equipment | | | | | | | | | | | | | |
| Disc Blade Spacing | 7-¾" (19.7 cm) | 9-⅛" (23.2 cm) | 7-¾" (19.7 cm) | 9-⅛" (23.2 cm) | 7-¾" (19.7 cm) | 9-⅛" (23.2 cm) | 7-¾" (19.7 cm) | 9-⅛" (23.2 cm) | 7-¾" (19.7 cm) | 9-⅛" (23.2 cm) | 7-¾" (19.7 cm) | 9-⅛" (23.2 cm) | |
| Disc Gang Angle | 17 Degrees Front and Rear | | | | | | 17 Degrees Front and Rear | | | | | | |
| Hitch Type | CAT III, Articulating Ball Cast Hitch, 1-½" Pin | | | | | CAT IV, Articulating Ball Cast Hitch, 2" Pin | | CAT IV, Articulating Ball Cast Hitch, 2" Pin | | | | | |
| Leveling | Fore-Aft Mechanical Adjustable, Level-Lift Tongue | | | | | | Fore-Aft Mechanical Adjustable, Level-Lift Tongue | | | Fore-Aft Hydraulic Adjustable, Level-Lift Tongue | | | |
| Hydraulics | Color-Coded Hydraulic Hose Grips | | | | | | Color-Coded Hydraulic Hose Grips | | | | | | |
| Depth Control | Crank Style, Single-Point Hydraulic Depth Control | | | | | | Crank Style, Single-Point Hydraulic Depth Control | | | | | | |
| Disc Gangs | 1-¾" Round Alloy Tie Rod, 6" Bell Diameter Ductile Iron Spools, Rock-Flex™ Bearing Arms, PEER® TILLXTREME™ Maintenance-Free Bearings | | | | | | 1-¾" Round Alloy Tie Rod, 6" Bell Diameter Ductile Iron Spools, Rock-Flex™ Bearing Arms, PEER® TILLXTREME™ Maintenance-Free Bearings | | | | | | |
| Disc Blades | 22" x 6 Gauge Residue Razor™ Solid Edge | 22" x ¼" Residue Razor™ Solid Edge | 22" x 6 Gauge Residue Razor™ Solid Edge | 22" x ¼" Residue Razor™ Solid Edge | 22" x 6 Gauge Residue Razor™ Solid Edge | 22" x ¼" Residue Razor™ Solid Edge | 22" x 6 Gauge Residue Razor™ Solid Edge | 22" x ¼" Residue Razor™ Solid Edge | 22" x 6 Gauge Residue Razor™ Solid Edge | 22" x ¼" Residue Razor™ Solid Edge | 22" x 6 Gauge Residue Razor™ Solid Edge | 22" x ¼" Residue Razor™ Solid Edge | |
| Taper Blades | Front 22" - 20", Rear 22" - 20" - 18" - 16", Bolt-On Furrow Filler | | | | | | Front 22" - 20", Rear 22" - 20" - 18" - 16", Bolt-On Furrow Filler | | | | | | |
| Disc Scrapers | Adjustable 3.5" (8.9 cm) Wide | | | | | | Adjustable 3.5" (8.9 cm) Wide | | | | | | |
| Center Section Tires | (4) 280/70R15, Duals, 6-Bolt Heavy-Duty Hubs | | | | | | (4) 280/70R15, Walking Beams, 6-Bolt Heavy-Duty Hubs | | | | | | |
| Wing Section Tires | (1) 280/70R15, Single, 6-Bolt Heavy-Duty Hub, per Wing | | | | | (2) 280/70R15, Walking Beam, 6-Bolt Heavy-Duty Hub, per Wing | | | | | | | |
| Transport Locks and Safety | Hydraulic Ball Valve Wing-Fold and Transport Lock, Slow Moving Vehicle Sign, LED Lighting | | | | | | Hydraulic Ball Valve Wing-Fold and Transport Lock, Slow Moving Vehicle Sign, LED Lighting | | | | | | |
| Optional Equipment | | | | | | | | | | | | | |
| Wing Gauge Wheels | (2) 20.5 x 8 Load Range E OR (2) 20.5 x 8 (Kevlar) | | | | | | (2) 20.5 x 8 Load Range E OR (2) 20.5 x 8 (Kevlar) | | | | | | |
| Leveling | Hydraulic Fore-Aft Leveling | | | | | | Hydraulic Fore-Aft Leveling | | | | | | |
| Rear Jack Mount | Jack Extension Weldment | | | | | | Jack Extension Weldment | | | | | | |
| Disc Blades | 22" x ¼" Residue Razor™ Solid Edge | 22" x 6 Gauge Residue Razor™ Solid Edge | 22" x ¼" Residue Razor™ Solid Edge | 22" x 6 Gauge Residue Razor™ Solid Edge | 22" x ¼" Residue Razor™ Solid Edge | 22" x 6 Gauge Residue Razor™ Solid Edge | 22" x ¼" Residue Razor™ Solid Edge | 22" x 6 Gauge Residue Razor™ Solid Edge | 22" x ¼" Residue Razor™ Solid Edge | 22" x 6 Gauge Residue Razor™ Solid Edge | 22" x ¼" Residue Razor™ Solid Edge | 22" x 6 Gauge Residue Razor™ Solid Edge | |
| Disc Blades | 22" x ¼" Notched Edge Front and Rear | 22" x ¼" Notched Edge Front and Rear | 22" x ¼" Notched Edge Front and Rear | 22" x ¼" Notched Edge Front and Rear | 22" x ¼" Notched Edge Front and Rear | 22" x ¼" Notched Edge Front and Rear | 22" x ¼" Notched Edge Front and Rear | 22" x ¼" Notched Edge Front and Rear | 22" x ¼" Notched Edge Front and Rear | 22" x ¼" Notched Edge Front and Rear | 22" x ¼" Notched Edge Front and Rear | 22" x ¼" Notched Edge Front and Rear | |
| Center Section Tires | (4) 280/70R15, Walking Beams, Center, 6-Bolt Heavy-Duty Hubs | | | | | Not Applicable | | | | | | | |
| Wing Section Tires | Not Applicable | | | | | (2) 280/70R15 Duals, Center 6-Bolt Heavy-Duty Hubs | | (2) 280/70R15 Duals, Center 6-Bolt Heavy-Duty Hubs | | | | | |
| Rear Hitch | Rear Hitch, 10,000 lb Horizontal and 1,000 lb Vertical Load | | | | | | Rear Hitch, 10,000 lb Horizontal and 1,000 lb Vertical Load | | | | | | |
| Finishing Attachments | 3-Bar Harrow OR 16" Coil-Tine | | | | | | 3-Bar Harrow OR 16" Coil-Tine | | | | | | |
| Operation | | | | | | | | | | | | | |
| Recommended Operating Speed | 5 - 7 mph (8 - 11 km/h) | | | | | | 5 - 7 mph (8 - 11 km/h) | | | | | | |
| Working Depth Range | 2" - 5" (5 - 12.7 cm) | | | | | | 2" - 5" (5 - 12.7 cm) | | | | | | |
| Recommended Tractor Power | 7 - 11 ENG HP/ft (17 - 26 kW/m) | | | | | | 7 - 11 ENG HP/ft (17 - 26 kW/m) | | | | | | |

| Technical Specifications | | | | | | | | | | | | |
|-----------------------------|---|--|---|--|---|---|---|--|---|--|--|--|
| | 8220-19N/ 8220-19W | 8220-22N/ 8220-22W | 8220-25N/ 8220-25W | 8220-28N/ 8220-28W | 8220-31N/ 8220-31W | 8220-34N/ 8220-34W | 8220-36N/ 8220-36W | 8220-36NQF/ 8220-36WQF | 8220-38NQF/ 8220-38WQF | 8220-41WQF | 8220-44WQF | |
| Transport Width | 12'2" (3.7 m) | 12'2" (3.7 m) | 13'7" (4.1 m) | 16'9" (5.1 m) | 16'9" (5.1 m) | 16'9" (5.1 m) | 16'9" (5.1 m) | 17'5" (5.3 m) | 17'5" (5.3 m) | 17'7" (5.4 m) | 17'7" (5.4 m) | |
| Transport Height | 10'8" (3.3 m) | 11'10" (3.6 m) | 11'11" (3.6 m) | 12'6" (3.8 m) | 13'6" (4.1 m) | 14'9" (4.5 m) | 15'6" (4.7 m) | 13'5" (4 m) | 13'5" (4 m) | 13'10" (4.2 m) | 13'10" (4.2 m) | |
| Frame Type | 3-Section | | | | | | 5-Section Quad-Fold | | | | | |
| Number of Disc Blades | 62/ 54 | 70/62 | 78/70 | 90/78 | 98/86 | 106/94 | 114/98 | 114/98 | 118/106 | 114 | 122 | |
| Number of Bearing Arms | 18 | 22 | 22/20 | 24/22 | 26 | 26 | 28/26 | 30 | 32 | 32 | 34 | |
| Working Width | 18'10" (5.7 m)/ 19'9" (6 m) | 22'8" (6.9 m)/ 22'7" (6.8 m) | 25'2" (7.6 m)/ 25'6" (7.7 m) | 28'10" (8.8 m)/ 28'5" (8.6 m) | 31'4" (9.5 m) | 33'10" (10.3 m)/ 34'2" (10.4 m) | 36'5" (11.1 m)/ 35'8" (10.8 m) | 36'5" (11.1 m)/ 35'8" (10.8 m) | 37'8" (11.5 m)/ 38'6" (11.7 m) | 41'5" (12.6 m) | 44'3" (13.5 m) | |
| Weight | 13,175 lb (5 976 kg)/ 13,309 lb (6 037 kg) | 13,971 lb (6 337 kg) 14,213 lb (6 447 kg) | 14,849 lb (6 735 kg)/ 15,136 lb (6 866 kg) | 17,842 lb (8 093 kg)/ 18,027 lb (8 177 kg) | 19,290 lb (8 750 kg)/ 19,715 lb (8 943 kg) | 19,796 lb (8 979 kg)/ 20,310 lb (9 212 kg) | 21,517 lb (9 760 kg)/ 21,715 lb (9 850 kg) | 25,260 lb (11 458 kg)/ 25,622 lb (11 622 kg) | 25,694 lb (11 655 kg)/ 25,355 lb (11 954 kg) | 30,075 lb (13 642 kg) | 30,814 lb (13 977 kg) | |
| Standard Equipment | | | | | | | | | | | | |
| Disc Blade Spacing | 8" Front, 8" Rear (20.3 cm) / 9" Front, 9" Rear (22.9 cm) | | | | | | | | | | | |
| Disc Gang Angle | 20 Degrees Front, 19 Degrees Rear | | | | | | | | | | | |
| Hitch Type | Articulating Ball CAT III, 1-½" Pin | | | | Articulating Ball CAT IV, 2" Pin | | | | | | | |
| Tongue | Level-Lift Tongue | | | | Level-Lift Tongue | | | Guardian Hitch™ (Cushioned Tongue) | | | | |
| Leveling | Mechanical Fore-Aft Adjustable | | | | Mechanical Fore-Aft Adjustable | | | | | | | |
| Hydraulics | Color-Coded Hydraulic Hose Grips | | | | Color-Coded Hydraulic Hose Grips | | | | | | | |
| Depth Control | Single-Point, Crank Style Hydraulic Depth Control | | | | Single-Point, Crank Style Hydraulic Depth Control | | | | | | | |
| Disc Gangs | 1-¾" Round Diameter Alloy Tie Rod, Rock-Flex™ Bearing Arms 1-¼" x 2-½", 6" Bell Diameter Ductile Iron Spools, Cast Housing PEER® TILLXTREME™ No-Daily Grease Maintenance Bearings, Tie Rod Wrench | | | | 1-¾" Round Diameter Alloy Tie Rod, Rock-Flex™ Bearing Arms 1-¼" x 2-½", 6" Bell Diameter Ductile Iron Spools, Cast Housing PEER® TILLXTREME™ No-Daily Grease Maintenance Bearings, Tie Rod Wrench | | | | | | | |
| Disc Blades | 22" x 6 Gauge Residue Razor™ Solid Edge/ 24" x ¼" Residue Razor™ Solid Edge 24" x ¼" Residue Razor™ Solid Edge | | | | 22" x 6 Gauge Residue Razor™ Solid Edge/ 24" x ¼" Residue Razor™ Solid Edge 24" x ¼" Residue Razor™ Solid Edge | | | | | | 24" x ¼" Residue Razor™ Solid Edge | |
| Taper Blades | Front 22" - 20" Rear 22" - 20" - 18" - 16" Bolt-On Furrow Filler | | | | Front 22" - 20" Rear 22" - 20" - 18" - 16" Bolt-On Furrow Filler/ Front 24" - 22" Rear 24" - 22" - 20" - 18" Bolt-On Furrow Filler | | | | | | Front 24" - 22" Rear 24" - 22" - 20" - 18" Bolt-On Furrow Filler | |
| Disc Scrapers | 5" Hi-Clearance Spring Adjustable Scrapers with Adjustable Blade Scraper at Bearing Arm Locations | | | | 5" Hi-Clearance Spring Adjustable Scrapers with Adjustable Blade Scraper at Bearing Arm Locations | | | | | | | |
| Center Section Tires | (4) 280/70R15, Walking Beams with Slip-In Spindles, 6-Bolt Heavy-Duty Hubs | | | (4) 340/60R16.5, Walking Beams with Slip-In Spindles, 8-Bolt Heavy-Duty Hubs | | | | | | (4) 380/55R16.5, Walking Beams with Slip-In Spindles, 8-Bolt Heavy-Duty Hubs | | |
| Wing Frame Tires | (2) 280/70R15 per Wing, Walking Beams with Slip-In Spindles, 6-Bolt Hubs | | | | (2) 280/70R15 per Wing, Walking Beams with Slip-In Spindles, 6-Bolt Hubs | | | (2) 340/60R16.5 per Wing, Walking Beams with Slip-In Spindles, 8-Bolt Hubs | | (2) 280/70R15 per Wing, Walking Beams with Slip-In Spindles, 6-Bolt Hubs | | |
| Wing Gauge Wheels | (2) 20.5 x 8 Load Range E | | | | (2) 20.5 x 8 Load Range E | | | | | | | |
| Transport Locks and Safety | Hydraulic Valve Wing-Fold and Transport Locks, High Visibility LED Lighting, Slow Moving Vehicle Sign | | | | Hydraulic Valve Wing-Fold and Transport Locks, High Visibility LED Lighting, Slow Moving Vehicle Sign | | | | | | | |
| Optional Equipment | | | | | | | | | | | | |
| Wing Gauge Wheels | (2) 20.5 x 8 (Kevlar) OR None | | | | (2) 20.5 x 8 (Kevlar) OR None | | | | | | | |
| Leveling | Hydraulic Fore-Aft Adjustable | | | | Mechanical Fore-Aft Adjustable | | | | | | | |
| Disc Blades | 22" x ¼" Residue Razor™ Solid Edge / 24" x 6 Gauge Residue Razor™ Solid Edge OR 22" x 6 Gauge Residue Razor™ Solid Edge / 22" x ¼" Residue Razor™ Solid Edge | | | | 22" x ¼" Residue Razor™ Solid Edge / 24" x 6 Gauge Residue Razor™ Solid Edge OR 22" x 6 Gauge Residue Razor™ Solid Edge / 22" x ¼" Residue Razor™ Solid Edge | | | | | | | |
| Taper Blades | Front 22" - 20" Rear 22" - 20" - 18" - 16" Bolt-On Furrow Filler / Front 24" - 22" Rear 24" - 22" - 20" - 18" Bolt-On Furrow Filler | | | | Front 22" - 20" Rear 22" - 20" - 18" - 16" Bolt-On Furrow Filler / Front 24" - 22" Rear 24" - 22" - 20" - 18" Bolt-On Furrow Filler | | | | | | | |
| Rear Hitch | Rear Hitch (Not for Use with Finishing Attachment) | | | | Rear Hitch (Not for Use with Finishing Attachment) | | | | | | | |
| Finishing Attachments | 24/7® 3-Row 16" Tine Harrow OR 3-Bar Spike Harrow OR 24/7® Soil Conditioning HD Reel with Float Position (Flat Bar or Round Rod) | | | | | | | | | | | |
| Operation | | | | | | | | | | | | |
| Recommended Operating Speed | 4 - 6 mph (6 -10 km/h) | | | | 4 - 6 mph (6 -10 km/h) | | | | | | | |
| Working Depth Range | 2" - 6" (5 - 15.2 cm) | | | | 2" - 6" (5 - 15.2 cm) | | | | | | | |
| Recommended Tractor Power | 8 - 11 ENG HP/ft (20 - 26 kW/m) | | | | 8 - 11 ENG HP/ft (20 - 26 kW/m) | | | | | | | |

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

Technical Specifications

| | 8320-19N/ 8320-19W | 8320-22N/ 8320-22W | 8320-25N/ 8320-25W | 8320-28N/ 8320-28W | 8320-31N/ 8320-31W | 8320-34N/ 8320-34W | 8320-37NQF/ 8320-37WQF |
|-----------------------------|---|---|---|---|---|---|--|
| Transport Width | 12'2" (3.7 m) | 12'2" (3.7 m) | 14'1" (4.3 m) | 17' (5.2 m) | 17' (5.2 m) | 17' (5.2 m) | 17'7" (5.3 m) |
| Transport Height | 10'9" (3.3 m) | 12'2" (3.7 m) | 11'11" (3.6 m) | 13' (4 m) | 13'10" (4.2 m) | 14'8" (4.5 m) | 13'5" (4.1 m) |
| Frame Type | 3-Section | | | 3-Section | | | 5-Section Quad-Fold |
| Number of Disc Blades | 52/50 | 60/58 | 66/62 | 74/70 | 82/78 | 90/86 | 100/94 |
| Number of Bearing Arms | 16/16 | 18/18 | 22/20 | 22/22 | 26/24 | 26/26 | 30/30 |
| Working Width | 19'10" (6 m) | 22'11" (7 m) | 24'7" (7.5 m) | 27'9" (8.5 m) | 30'11" (9.4 m) | 34'1" (10.4 m) | 37'3" (11.4 m) |
| Standard Equipment | | | | | | | |
| Disc Blade Spacing | 9" (22.9 cm) Front 10" (25.4 cm) Rear/ 10" Front, 10" Rear (25.4 cm) | | | 9" (22.9 cm) Front 10" (25.4 cm) Rear/ 10" Front, 10" Rear (25.4 cm) | | | |
| Disc Gang Angle | 22 Degrees Front, 19 Degrees Rear | | | 22 Degrees Front, 19 Degrees Rear | | | |
| Weight | 14,251 lb (6 464 kg)/ 14,119 lb (6 404 kg) | 15,218 lb (6 904 kg)/ 15,093 lb (6 846 kg) | 16,321 lb (7 362 kg)/ 16,033 lb (7 272 kg) | 20,035 lb (9 088 kg)/ 19,747 lb (8 975 kg) | 20,747 lb (9 411 kg)/ 20,283 lb (9 200 kg) | 21,547 lb (9 774 kg)/ 21,294 lb (9 659 kg) | 27,989 lb (12 696 kg)/ 27,719 lb (12 573 kg) |
| Hitch Type | Articulating Ball CAT III, 1-½" Pin | | | Articulating Ball CAT IV, 2" Pin | | | |
| Tongue Type | Level-Lift Tongue | | | Level-Lift Tongue | | | Guardian Hitch™ (Cushioned Tongue) |
| Leveling | Hydraulic Fore-Aft Adjustable | | | Hydraulic Fore-Aft Adjustable | | | |
| Hydraulics | Color-Coded Hydraulic Hose Grips | | | Color-Coded Hydraulic Hose Grips | | | |
| Depth Control | Single-Point, Crank Style Hydraulic Depth Control | | | Single-Point, Crank Style Hydraulic Depth Control | | | |
| Tractor Interface Center | Storage for Hydraulic Hose Ends, Electrical Connection and Transport Hydraulic Lock Valves | | | Storage for Hydraulic Hose Ends, Electrical Connection and Transport Hydraulic Lock Valves | | | |
| Disc Gangs | 1-¾" Round Diameter Alloy Tie Rod, Rock-Flex™ Bearing Arms 1-¼" x 2-½", 7" Bell Diameter Ductile Iron Spools, Cast Housing PEER® TILLXTREME™ No-Daily Grease Maintenance Bearings, Tie Rod Wrench | | | 1-¾" Round Diameter Alloy Tie Rod, Rock-Flex™ Bearing Arms 1-¼" x 2-½", 7" Bell Diameter Ductile Iron Spools, Cast Housing PEER® TILLXTREME™ No-Daily Grease Maintenance Bearings, Tie Rod Wrench | | | |
| Disc Blades | 26" x ¼" Residue Razor™ Solid Edge | | | 26" x ¼" Residue Razor™ Solid Edge | | | |
| Taper Blades | Front 26" - 24", Rear 26" - 24" - 22" - 20" Bolt-On Furrow Filler | | | Front 26" - 24", Rear 26" - 24" - 22" - 20" Bolt-On Furrow Filler | | | |
| Disc Scrapers | 5" Spring Adjustable Scrapers with Adjustable Blade Scrapers at Bearing Arm Locations | | | 5" Spring Adjustable Scrapers with Adjustable Blade Scrapers at Bearing Arm Locations | | | |
| Center Section Tires | (4) 280/70R15, Walking Beams with Slip-In Spindles, 6-Bolt Heavy-Duty Hubs | | | (4) 340/60R16.5, Walking Beams with Slip-In Spindles, 8-Bolt Heavy-Duty Hubs | | | |
| Wing Frame Tires | (2) 280/70R15 per Wing, Walking Beams with Slip-In Spindles, 6-Bolt Heavy-Duty Hubs | | | (2) 280/70R15 per Wing, Walking Beams with Slip-In Spindles, 6-Bolt Heavy-Duty Hubs | | | (2) 340/60R16.5 per Wing, Walking Beams with Slip-In Spindles, 8- Bolt Heavy-Duty Hubs |
| Wing Gauge Wheels | None | | | (2) 20.5 x 8 Load Range E | | | |
| Transport Locks and Safety | Hydraulic Valve Wing-Fold and Transport Locks, Slow Moving Vehicle Sign, High Visibility LED Lighting kit | | | Hydraulic Valve Wing-Fold and Transport Locks, Slow Moving Vehicle Sign, High Visibility LED Lighting kit | | | |
| Optional Equipment | | | | | | | |
| Wing Gauge Wheels | (2) 20.5 x 8 Load Range E OR (2) 20.5 x 8 Kevlar | | | (2) 20.5 x 8 Kevlar OR None | | | |
| Leveling | Mechanical Fore-Aft Adjustable | | | Mechanical Fore-Aft Adjustable | | | |
| Disc Blades | 24" x ¼" Residue Razor™ Solid Edge | | | 24" x ¼" Residue Razor™ Solid Edge | | | |
| Taper Blades | Front 24" - 22", Rear 24" - 22" - 20" - 18" Bolt-On Furrow Filler | | | Front 24" - 22", Rear 24" - 22" - 20" - 18" Bolt-On Furrow Filler | | | |
| Rear Hitch | Rear Hitch (Not for Use with Finishing Attachments) | | | Rear Hitch (Not for Use with Finishing Attachments) | | | |
| Finishing Attachments | 24/7® 3-Row 16" Tine Harrow OR 3-Bar Spike Harrow OR 24/7 Soil Conditioning HD Reel w/ Float Position (Flat or Round Spirals) | | | 24/7® 3-Row 16" Tine Harrow OR 3-Bar Spike Harrow OR 24/7 Soil Conditioning HD Reel w/ Float Position (Flat or Round Spirals) | | | |
| Operation | | | | | | | |
| Recommended Operating Speed | 4 - 6 mph (6 - 10 km/h) | | | 4 - 6 mph (6 - 10 km/h) | | | |
| Working Depth Range | 3" - 8" (7.5 - 20.3 cm) | | | 3" - 8" (7.5 - 20.3 cm) | | | |
| Recommended Tractor Power | 9 - 12 ENG HP per Foot (23 - 29 kW per Meter) | | | 9 - 12 ENG HP per Foot (23 - 29 kW per Meter) | | | |

Technical Specifications

| | 5805-12 | 5805-12R | 5805-14 | 5805-14R | 5805-15 | 5805-15R | 5805-17 | 5805-17R | 5805-19 | 5805-19R | 5805-20 | 5805-20R |
|-----------------------------|--|---------------------|---------------------|---------------------|---------------------|--|--|----------------------|---------------------|----------------------|---------------------|----------------------|
| Transport Width | 13'6" (4.1 m) | 13'6" (4.1 m) | 15'1" (4.6 m) | 15'1" (4.6 m) | 16'7" (5.1 m) | 16'7" (5.1 m) | 18'2" (5.6 m) | 18'2" (5.6 m) | 19'9" (6 m) | 19'9" (6 m) | 21'3" (6.5 m) | 21'3" (6.5 m) |
| Frame Type | Rigid | Rigid | Rigid | Rigid | Rigid | Rigid | Rigid | Rigid | Rigid | Rigid | Rigid | Rigid |
| Number of Disc Blades | 31 | 31 | 35 | 35 | 39 | 39 | 43 | 43 | 47 | 47 | 51 | 51 |
| Number of Bearing Arms | 8 | 8 | 9 | 9 | 10 | 10 | 12 | 12 | 13 | 13 | 14 | 14 |
| Working Width | 12'3" (3.7 m) | 12'3" (3.7 m) | 13'10" (4.2 m) | 13'10" (4.2 m) | 15'5" (4.7 m) | 15'5" (4.7 m) | 17' (5.2 m) | 17' (5.2 m) | 18'7" (5.7 m) | 18'7" (5.7 m) | 20'2" (6.1 m) | 20'2" (6.1 m) |
| Weight | 7,545 lb (3 422 kg) | 9,176 lb (4 162 kg) | 7,945 lb (3 604 kg) | 9,650 lb (4 377 kg) | 8,371 lb (3 797 kg) | 10,391 lb (4 713 kg) | 8,832 lb (4 006 kg) | 10,869 lb (4 930 kg) | 9,269 lb (4 204 kg) | 12,029 lb (5 456 kg) | 9,677 lb (4 389 kg) | 12,532 lb (5 684 kg) |
| Standard Equipment | | | | | | | | | | | | |
| Disc Blade Spacing | 10" Front, 10" Rear (25.4 cm) | | | | | | 10" Front, 10" Rear (25.4 cm) | | | | | |
| Disc Gang Angle | Adjustable Gang Angle 16 to 25 Degrees | | | | | | Adjustable Gang Angle 16 to 25 Degrees | | | | | |
| Hitch Type | CAT III Articulating Ball 1-½" Pin | | | | | CAT IV Articulating Ball Hitch, 2" Pin | CAT IV Articulating Ball Hitch, 2" Pin | | | | | |
| Tongue | Adjustable, 6 Position Tongue | | | | | | Adjustable, 6 Position Tongue | | | | | |
| Hydraulics | Color-Coded Hose Grips, Male ISO Couplers on Hydraulic Hoses | | | | | | Color-Coded Hose Grips, Male ISO Couplers on Hydraulic Hoses | | | | | |
| Depth Control | Crank-Style Single Point Hydraulic Depth Control, (2) 4" x 10" Cylinders | | | | | | Crank-Style Single Point Hydraulic Depth Control, (2) 4" x 10" Cylinders | | | | | |
| Disc Gangs | 1-¾" Round Diameter Alloy Tie Rod, Ductile Iron Spools, Rigid Bearing Arms, PEER® TILLXTREME™ Maintenance-Free Bearings | | | | | | 1-¾" Round Diameter Alloy Tie Rod, Ductile Iron Spools, Rigid Bearing Arms, PEER® TILLXTREME™ Maintenance-Free Bearings | | | | | |
| Disc Blades | 26" x ¼" Residue Razor™ Solid Edge Front and Rear | | | | | | 26" x ¼" Residue Razor™ Solid Edge Front and Rear | | | | | |
| Taper Blades | Front 26" - 24", Rear 26" - 24" - 22" - 20" Bolt-On Furrow Filler | | | | | | Front 26" - 24", Rear 26" - 24" - 22" - 20" Bolt-On Furrow Filler | | | | | |
| Disc Scrapers | Heavy-Duty Adjustable 6-½" Scrapers | | | | | | Heavy-Duty Adjustable 6-½" Scrapers | | | | | |
| Center Section Tires | (4) 280/70R-15 Tires, Duals, 6-Bolt Heavy-Duty Hubs | | | | | | (4) 280/70R-15 Tires, Duals, 6-Bolt Heavy-Duty Hubs | | | | | |
| Transport Locks and Safety | Tongue Jack, Slow Moving Vehicle Sign, High Visibility LED Transport Light Kit, Safety Chain | | | | | | Tongue Jack, Slow Moving Vehicle Sign, High Visibility LED Transport Light Kit, Safety Chain | | | | | |
| Optional Equipment | | | | | | | | | | | | |
| Hitch Type | CAT III Cast Combination C-Clevis 1-¼" Pin | | | | | CAT III Articulating Ball 1-½" Pin | CAT III Articulating Ball 1-½" Pin | | | | | |
| Disc Blades | 26" x ¼" Notched Edge Front and Rear OR 26" x ¼" Notched Edge Front 26" x ¼" Residue Razor™ Solid Edge Rear OR 28" x 5/16" Residue Razor™ Solid Edge OR 28" x 5/16" Notched Edge Front and Rear OR 28" x 5/16" Notched Sharp Edge Front 28" x 5/16" Residue Razor™ Solid Edge Rear | | | | | | 26" x ¼" Notched Edge Front and Rear OR 26" x ¼" Notched Edge Front 26" x ¼" Residue Razor™ Solid Edge Rear OR 28" x 5/16" Residue Razor™ Solid Edge OR 28" x 5/16" Notched Edge Front and Rear OR 28" x 5/16" Notched Sharp Edge Front 28" x 5/16" Residue Razor™ Solid Edge Rear | | | | | |
| Taper Blades | Front 26" - 24", Rear 26" - 24" - 22" - 20" Bolt-On Furrow Filler OR Front 28" - 26", Rear 28" - 26" - 24" - 22" Bolt-On Furrow Filler OR Front 28" - 26", Rear 28" - 26" - 24" - 22" Bolt-On Furrow Filler | | | | | | Front 26" - 24", Rear 26" - 24" - 22" - 20" Bolt-On Furrow Filler OR Front 28" - 26", Rear 28" - 26" - 24" - 22" Bolt-On Furrow Filler OR Front 28" - 26", Rear 28" - 26" - 24" - 22" Bolt-On Furrow Filler | | | | | |
| Operation | | | | | | | | | | | | |
| Recommended Operating Speed | 4 - 6 mph (6 - 11 km/h) | | | | | | 4 - 6 mph (6 - 11 km/h) | | | | | |
| Working Depth Range | 3" - 10" (7.5 - 25.4 cm) | | | | | | 3" - 10" (7.5 - 25.4 cm) | | | | | |
| Recommended Tractor Power | 9 - 14 ENG Horsepower per Foot (23 - 35 kW per Meter) | | | | | | 9 - 14 ENG Horsepower per Foot (23 - 35 kW per Meter) | | | | | |

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