

Secondary Tillage

5635 FIELD CULTIVATOR



Invest in Quality®

MAXIMIZE CROP YIELD POTENTIAL

AGRONOMIC CHALLENGE

Soil conditioning to prepare the optimum seedbed for planting is essential for crops to reach their maximum yield potential.

SOLUTION

The 5635 Field Cultivator offers high residue capacity, excellent depth control, plus superior clod sizing and leveling to create the ideal seedbed for your high-value seeds.

5635 FIELD CULTIVATOR VALUE

Solid engineering using sound agronomic principles makes the Kuhn Krause 5635 Field Cultivator the best choice for your next field cultivator.

SECONDARY TILLAGE SYSTEM

5635 FIELD CULTIVATOR in brief

Models	Working Width	Number of Shanks
5635-20	20' 6"	41
5635-22	22' 6"	45
5635-24	24' 6"	49
5635-26	26' 6"	53
5635-28	28' 6"	57
5635-30	30' 6"	61
5635-32	32' 6"	65
5635-34	34' 6"	69
5635-36	36' 6"	73
5635-39	39' 6"	79
5635-42	42' 6"	85
5635-46	46' 6"	93
5635-50	50' 6"	101





Field Cultivator

CREATE THE IDEAL SEEDBED

MIX

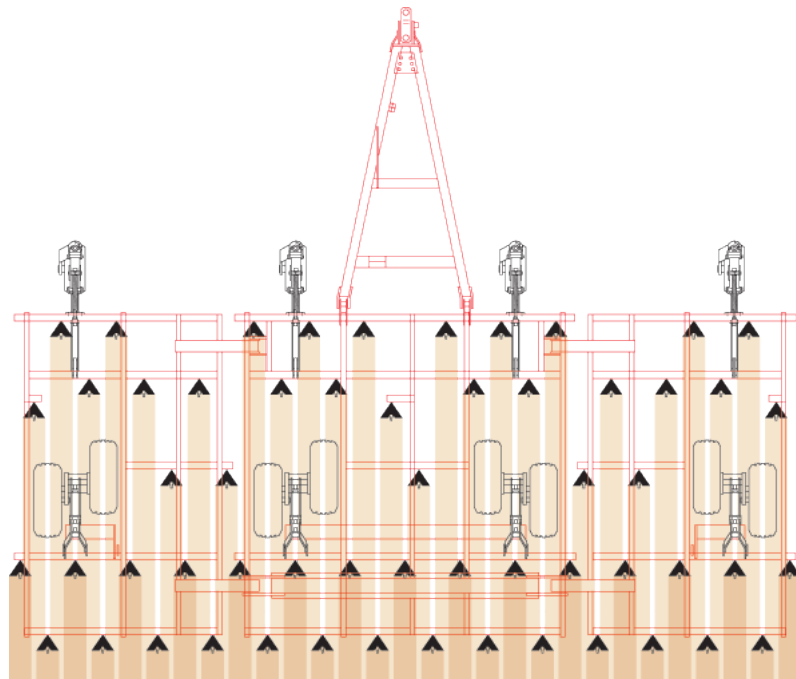
The 5635 Field Cultivator provides increased residue flow through the five rows of shanks in high residue conditions.

CULTIVATE

Uniform cultivation with the split-the-middle sweep pattern leads to better seed to soil contact.

ENHANCE SEEDBED CONDITION

The 24/7® Leveling Systems create a smooth, level seedbed surface for reduced planter row unit bounce, providing consistent seed spacing and planting depth.



CREATE THE PERFECT SEEDBED

- The first three ranks of shanks till the full sweep width, while the fourth and fifth ranks till the middles creating a Split-the-Middle sweep pattern.
- Six-inch shank spacing provides maximum tillage action and uniform soil, residue and herbicide mixing.
- Front-to-rear frame clearance of 139" allows the 5635 Field Cultivator to handle high volumes of residue.

FLOATING HITCH

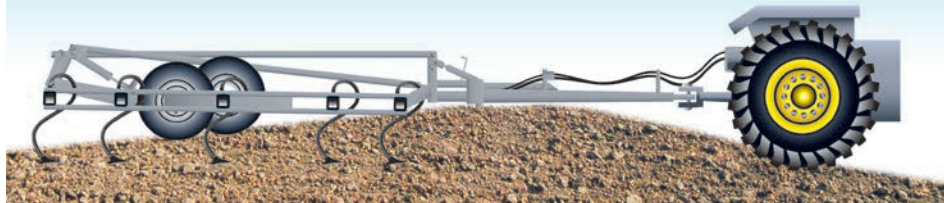
The exclusive Kuhn Krause floating hitch system precisely gauges tillage depth for rolling terrain resulting in fast, even emergence. Uniform tillage depth creates consistent soil moisture in the seed zone allowing seeds to draw moisture from the surrounding soil at the same rate. This enhances even seedling emergence, which is critical for maximizing yield potential.

Conventional hitch designs do not contour to rolling terrain, gouging deeper on hilltops and running too shallow in valleys. This can cause uneven emergence and immediately affects final yield potential.

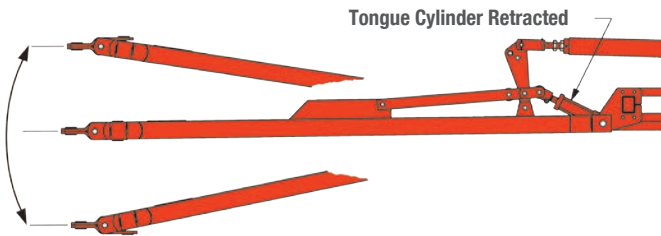
FLOATING HITCH



CONVENTIONAL HITCH

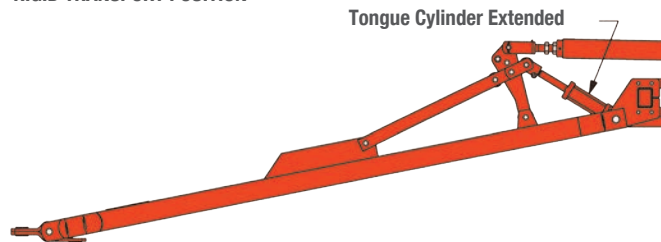


FIELD OPERATING FLOAT POSITION



Tongue Cylinder Retracted

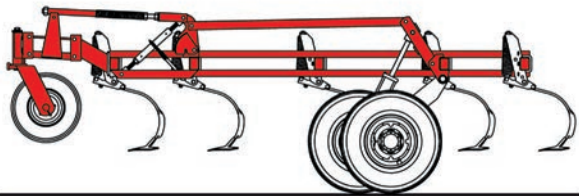
RIGID TRANSPORT POSITION



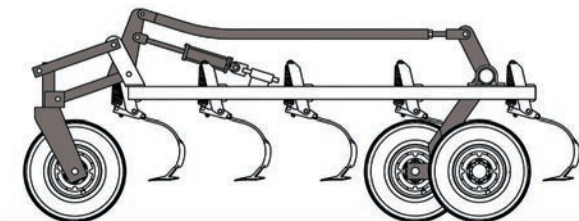
Tongue Cylinder Extended

MACHINE POSITION IN TRANSPORT

Floating Hitch



Conventional Hitch



FLOATING HITCH ADVANTAGES





The Kuhn Krause floating hitch features up to 57% fewer wear points than conventional designs. Fewer moving parts mean less chance for a breakdown during the critical seedbed preparation season.

In field position, the 5635 contours over rolling ground conditions, then transforms to a rigid, self-leveling style when raised to transport position.

The floating hitch system raises the gauge wheels off the ground during transport. This provides greater machine stability and control as compared to conventional floating hitch designs. Conventional designs generally produce “caster wobble” and may become unstable during transport, especially at high speeds.

SHANK AND LEVELING OPTIONS

Shank Choices

		Edge-On Shank	Flat Shank
		Lowers draft (less horsepower required) Best performance in low to moderate residue conditions	Provides best soil and residue mixing Best performance in high residue conditions
Spring Mount	190 lb. point load maintains consistent depth in hard soils		
	15" trip height for protection in rocky soils		
	Ultra-rigid shank assembly virtually eliminates side-to-side movement		
K-Tine Mount	180 lb. point load		
	Vibrating action moves residue and shatters surface compaction		
	No pivots or bushings		

Spring Mount Design

KUHN Krause's spring mount design utilizes a single bolt to clamp the mount to the beam, greatly reducing setup time. The improved design also provides more strength and stability to the clamping surface for years of reliable operation.



Leveling Choices

24/7® Leveling Systems

KUHN Krause offers a variety of harrows to meet your specific soil and residue requirements. These harrows are available for all sizes and provide time saving features to increase overall productivity.


Heavy

↑


Residue Level

↓


Light




Three-Row Tine and Reel



Four-Row Coil Tine



Three-Row Spike and Reel



Five-Row Spike Tooth

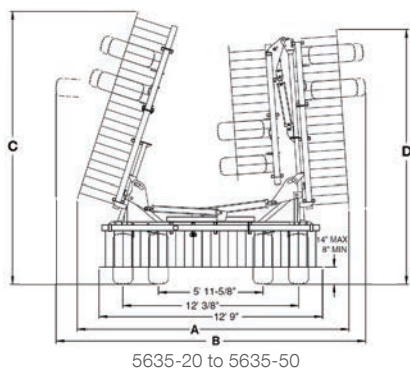
Dry

←

Soil Moisture Level

→

Wet

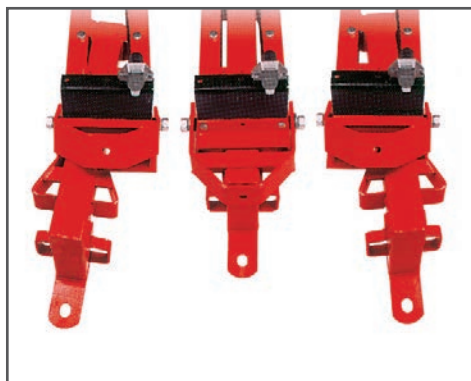


Model Specifications

	5635-20	5635-22	5635-24	5635-26	5635-28
Dimensions					
A Transport Width (3-Section) ¹	13'3" / 4.0 m	13'3" / 4.0 m	13'3" / 4.0 m	13'3" / 4.0 m	15'3" / 4.6 m
B Transport Width (5-Section) ¹	N/A	N/A	N/A	N/A	N/A
C Transport Height (3-Section) ¹	10' / 3.0 m	10'7" / 3.2 m	11'6" / 3.5 m	12'10" / 3.9 m	12'10" / 3.9 m
D Transport Height (5-Section) ¹	N/A	N/A	N/A	N/A	N/A
Specifications					
Frame Type	3-Section	3-Section	3-Section	3-Section	3-Section
Number of Shanks	41	45	49	53	57
Shank Spacing					
Working Width ²	20'6" / 6.2 m	22'6" / 6.8 m	24' 6" / 7.4 m	26'6" / 8.0 m	28'6" / 8.6 m
Approx. Weight (w/K-Tine Shank)	7,999 lbs / 3,628 kg	8,106 lbs / 3,676 kg	8,289 lbs / 3,759 kg	8,912 lbs / 4.042 kg	9,361 lbs / 4,246 kg
Approx. Weight (w/Spring Shank)	8,877 lbs / 4,026 kg	9,069 lbs / 4,113 kg	9,339 lbs / 4,236 kg	10,047 lbs / 4,557 kg	10,582 lbs / 4,799 kg
Standard Equipment					
- Clevis	CAT III Cast Clevis (1-1/2" pin) and Combination "C" Cast Clevis (1-1/4" pin)				
- Tongue/Hitch	Self-Leveling Tongue				
- Hydraulics					
- Transport Locks and Safety					
Tires / Wheels					
- Main Frame	Walking Beams with Slip-In Spindles, Spherical Bearings,				
- Wing Frame	Four 240/80R15, 6-Bolt Hubs, Two Front Castering				
Optional Equipment					
Tongue/Hitch					
Shanks					
- Mounts					
- Lower Shanks					
- Sweeps					
- Tires / Wheels on Wings					
Leveling Systems					
- 24/7® Leveling System	Five-Row Spike Tooth Harrow; Four-Row Coil Tine Harrow; Three-Row Tine and Spiral Reel				
Operating Information					
Recommended Operating Speed					
Recommended Working Depth					
Recommended Tractor Power Range ³					

¹ Approximate transport width, height and weight shown without optional finishing attachments
² RTK working width
³ Estimates only. Horsepower requirements will vary by geography and soil type.

ADDITIONAL FEATURES



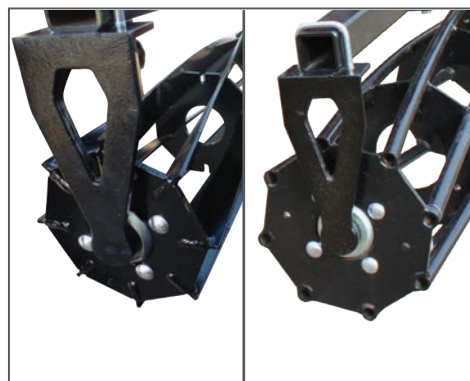
OPTIONAL REAR HITCH

The optional rear hitch features an extendable tongue that allows one person to easily connect the 5635 to towed implements. An optional Weight Transfer System is recommended when towing an implement behind the 5635 equipped with a floating hitch.



WALKING TANDEM

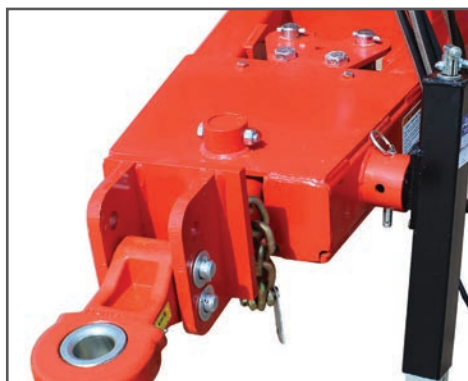
Walking tandems allow for consistent working depth on rough ground and more stable road transport. The 5635 features mainframe walking tandems on all machine sizes.



TWO REEL OPTIONS AVAILABLE

Choose from two agronomic conditioner designs. The heavy-duty round spiral reel provides clod sizing and firming in mellow, loam-type soils, and offers better performance in wet conditions. The heavy-duty flat spiral reel provides aggressive clod sizing in hard or high clay content soils.

5635-30	5635-32	5635-34	5635-36	5635-39	5635-42	5635-46	5635-50
15'3" / 4.6 m	15'3" / 4.6 m	15'3" / 4.6 m	15'3" / 4.6 m	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	15'9" / 4.8 m	15'9" / 4.8 m	15'9" / 4.8 m	15'9" / 4.8 m
13'9" / 4.2 m	14'9" / 4.5 m	15'8" / 4.7 m	16'8" / 5.0 m	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	12'8" / 3.8 m	12'8" / 3.8 m	14'8" / 4.4 m	14'8" / 4.4 m
3-Section	3-Section	3-Section	3-Section	5-Section	5-Section	5-Section	5-Section
61	65	69	73	79	85	93	101
6" / 15.2 cm							
30'6" / 9.3 m	32'6" / 9.9 m	34'6" / 10.5 m	36'6" / 11.1 m	39'6" / 12 m	42'6" / 12.9 m	46'6" / 14.1 m	50'6" / 15.3 m
9,543 lbs / 4,328 kg	10,012 lbs / 4,541 kg	10,193 lbs / 4,623 kg	11,962 lbs / 5,425 kg	13,250 lbs / 6,010 kg	13,515 lbs / 6,130 kg	14,170 lbs / 6,427 kg	14,708 lbs / 6,671 kg
10,849 lbs / 4,921 kg	11,404 lbs / 5,172 kg	11,671 lbs / 5,293 kg	12,954 lbs / 5,875 kg	14,942 lbs / 6,777 kg	15,336 lbs / 6,956 kg	16,162 lbs / 7,330 kg	16,871 lbs / 7,652 kg
CAT IV Ball Style Cast Clevis (2" pin)							
			Self-Leveling Tongue with Guardian Hitch®				
All Cylinders and Hoses, Rephasing 10" Lift Cylinders							
Hydraulic Valves, Transport and Wing Fold, High Visibility LED Lighting, SMV Sign							
Four R280/70R15 FI, 6-Bolt Hubs			Walking Beams with Slip-In Spindles, Spherical Bearings, Four 12.5L x 15 FI, 8-Bolt Hubs				
Gauge Wheels 20.5" x 8" Load Range E			Eight 240/80R15, 6-bolt Hubs, Four Front Castering Gauge Wheels 20.5" x 8" Load Range E				
Floating Hitch							
Spring Cushioned 190 lb Load or Two Piece K-Tine 180 lb Load							
25" Underframe Clearance, 1-3/4" x 5/8" Lower Shank, Flat or Edge-On Style							
7" / 17.7 cm Sweeps on 6" / 15.2 cm Spacing							
280/70R25 or 240/80R15, 6-Bolt Hubs							
Combination with 11" Diameter Spiral, Flat Bar or Round Bar Reel; Three-Row Spike Harrow and Spiral Reel Combination with 11" Diameter Spiral, Flat Bar or Round Bar Reel							
5 - 7.5 mph / 8 - 12 km/h							
1" - 6" / 2.5 - 15.2 cm Working Depth							
6 - 8 PTO HP per Foot							



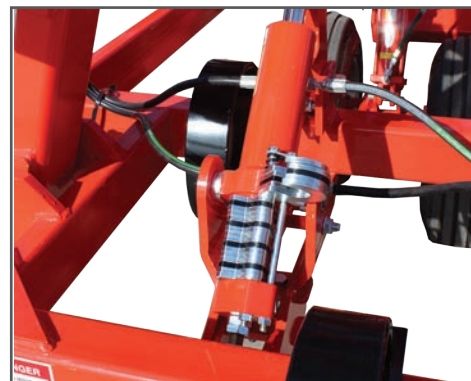
GUARDIAN HITCH®

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 correction is dampened by urethane blocks.



TRACTOR INTERFACE CENTER

This standard feature prevents hydraulic hoses from binding during turns and adds operator convenience. The tractor interface system includes a hose routing chart, color coded hose grips, storage for light hookup and the owner's manual.











HYDRAULIC DEPTH CONTROL

New hydraulic positive stop depth control provides easy adjustment while maintaining consistent working depth at each frame section across the width of the machine.

PRODUCT SYSTEMS

PRODUCT SYSTEMS

	Fall	Spring
DOMINATOR® / 5635 Field Cultivator		
LANDSAVER® / 5635 Field Cultivator		
8310 CLASS III Disc Harrow / 5635 Field Cultivator		
Soybean Stubble / 5635 Field Cultivator		

Most Complete Secondary Tillage Line on the Market



1. LANDSTAR™ 6405 / 2. LANDSMAN® 6205 / 3. 4400 Packer / 4. EXCELERATOR® 8005

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www.KuhnNorthAmerica.com

Your KUHN Krause dealer

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Our machines comply with the North-American safety regulations. In our leaflets, to better illustrate certain details of the machines some safety devices could have been removed. Conforming to the assembly and operator's manual, in no circumstances must machine be operated without these safety devices in place. All machines are equipped with safety devices which comply with the regulations of the countries in which they are delivered. In the interest of progress, we reserve the right to change without notice any specifications, design or materials listed. Patents filed in several countries.

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