



Secondary Tillage  
**5635 FIELD CULTIVATOR**



## MAXIMIZE CROP YIELD POTENTIAL

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. SOLID ENGINEERING USING SOUND AGRONOMIC PRINCIPLES MAKES THE KUHN KRAUSE 5635 THE BEST CHOICE FOR YOUR NEXT FIELD CULTIVATOR.



### 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.

Models	Working Width	Number of Shanks
<b>5635-20</b>	20'6" (6.2 m)	41
<b>5635-22</b>	22'6" (6.9 m)	45
<b>5635-24</b>	24'6" (7.5 m)	49
<b>5635-26</b>	26'6" (8.1 m)	53
<b>5635-28</b>	28'6" (8.7 m)	57
<b>5635-30</b>	30'6" (9.3 m)	61
<b>5635-32</b>	32'6" (9.9 m)	65
<b>5635-34</b>	34'6" (10.5 m)	69
<b>5635-36</b>	36'6" (11.1 m)	73
<b>5635-39</b>	39'6" (12 m)	79
<b>5635-42</b>	42'6" (13 m)	85
<b>5635-46</b>	46'6" (14.2 m)	93
<b>5635-50</b>	50'6" (15.4 m)	101

### Summary

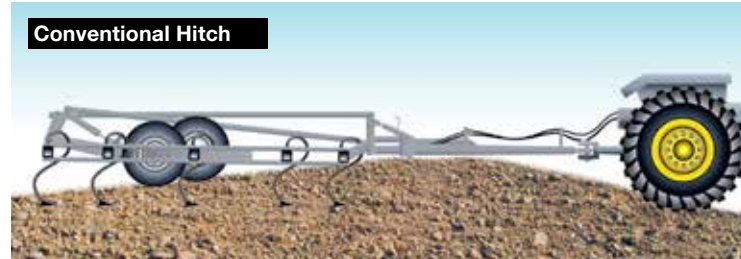
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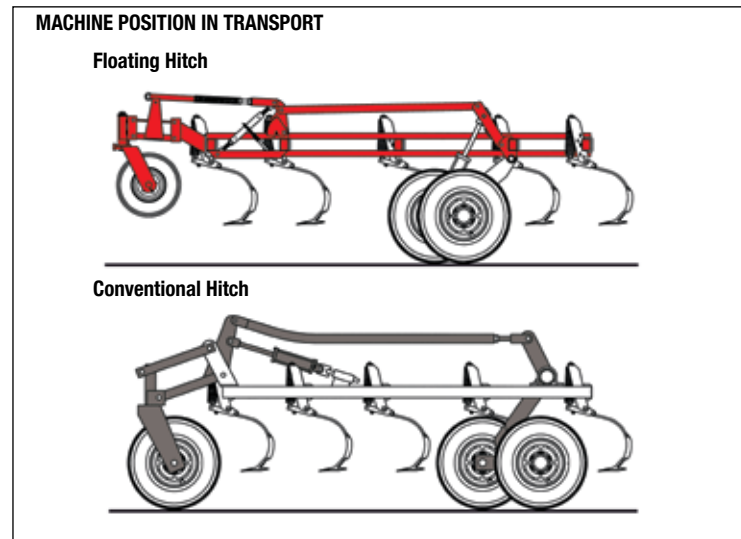
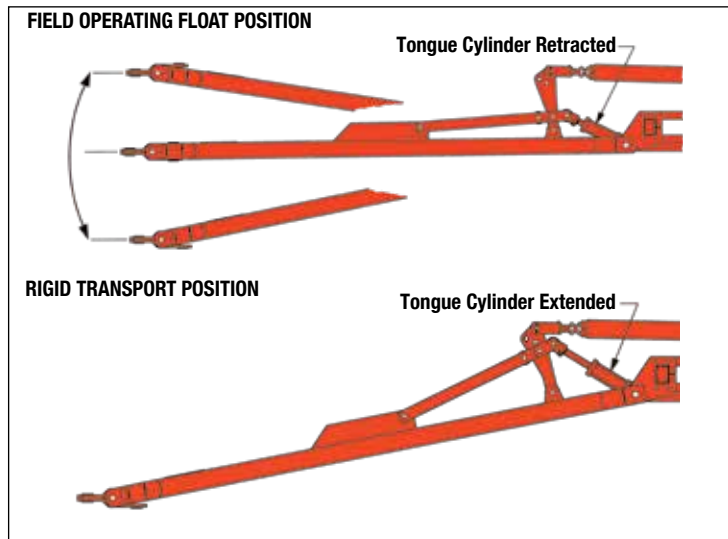
# CREATE THE IDEAL SEEDBED

## FLOATING HITCH ADVANTAGE

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.

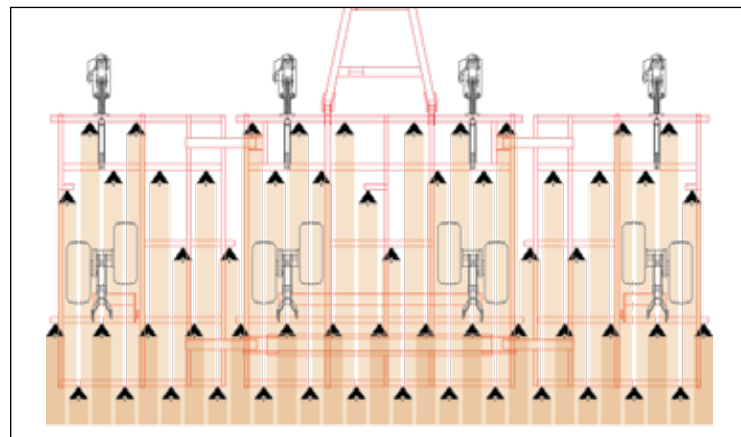


In field position, the 5635 contours over rolling ground conditions, then transforms to a rigid, self-leveling style when raised to transport position. The floating hitch system raises the gauge wheels off the ground during transport. This provides greater machine stability and control as compared to conventional floating hitch designs. Conventional designs generally produce “caster wobble” and may become unstable during transport, especially at high speeds.



## SPLIT-THE MIDDLE SHANK PATTERN

- 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.



## SHANK MOUNTS AND SHANKS

		Edge-On Shank	Flat Shank
		Lowers draft (less horsepower required)	Provides best soil and residue mixing
		Best performance in low to moderate residue conditions	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		
K-Tine Mount	Ultra-rigid shank assembly virtually eliminates side-to-side movement		
	180 lb. point load		
		Vibrating action moves residue and shatters surface compaction	
		No pivots or bushings	

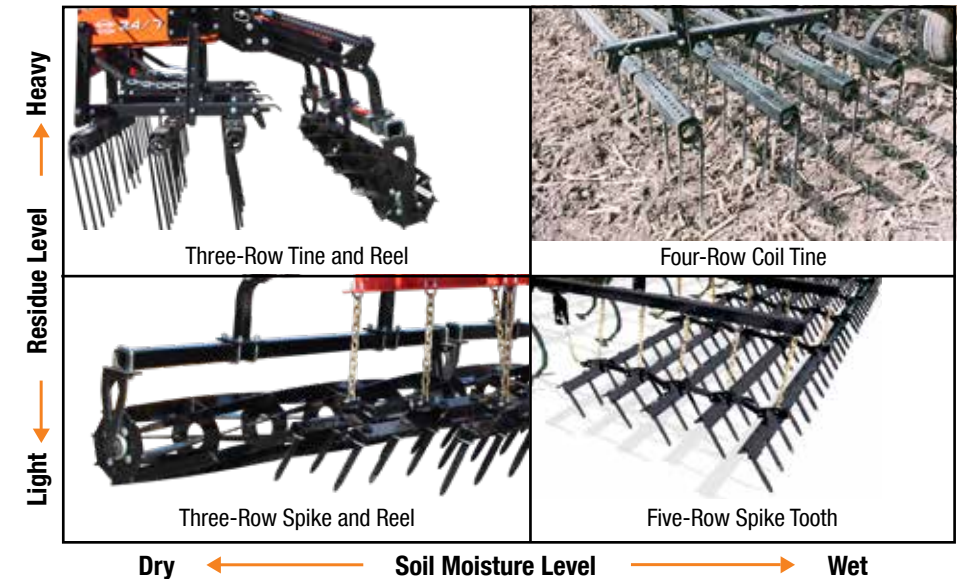
## SPRING SHANK MOUNT DESIGN

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.



## 24/7® Leveling Systems

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

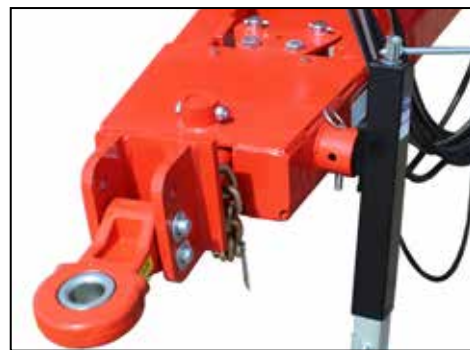


## Technical Specifications

	5635-20	5635-22	5635-24	5635-26	5635-28	5635-30	5635-32	5635-34	5635-36	5635-39	5635-42	5635-46	5635-50
<b>Standard Equipment</b>													
Transport Width	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)	15'3" (4.6 m)	15'3" (4.6 m)	15'3" (4.6 m)	15'3" (4.6 m)	15'3" (4.6 m)	15'9" (4.8 m)	15'9" (4.8 m)	15'9" (4.8 m)
Transport Height	10' (3.0 m)	10'7" (3.2 m)	11'6" (3.5 m)	12'10" (3.9 m)	12'10" (3.9 m)	13'9" (4.2 m)	14'9" (4.5 m)	15'8" (4.7 m)	16'8" (5.0 m)	12'8" (3.9 m)	12'8" (3.9 m)	14'8" (4.5 m)	14'8" (4.5 m)
Frame Type	3-Section	3-Section	3-Section	3-Section	3-Section	3-Section	3-Section	3-Section	3-Section	5-Section	5-Section	5-Section	5-Section
Number of Shanks	41	45	49	53	57	61	65	69	73	79	85	93	101
Shank Spacing	6" (15.2 cm)	6" (15.2 cm)	6" (15.2 cm)	6" (15.2 cm)	6" (15.2 cm)	6" (15.2 cm)	6" (15.2 cm)	6" (15.2 cm)	6" (15.2 cm)	6" (15.2 cm)	6" (15.2 cm)	6" (15.2 cm)	6" (15.2 cm)
Working Width	20'6" (6.2 m)	22'6" (6.9 m)	24'6" (7.5 m)	26'6" (8.1 m)	28'6" (8.7 m)	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" (13 m)	46'6" (14.2 m)	50'6" (15.4 m)
Weight (w/K-Tine Shank)	7,999 lb (3 628 kg)	8,106 lb (3 676 kg)	8,289 lb (3 759 kg)	8,912 lb (4 042 kg)	9,361 lb (4 246 kg)	9,543 lb (4 328 kg)	10,012 lb (4 541 kg)	10,193 lb (4 623 kg)	11,962 lb (5 425 kg)	13,250 lb (6 010 kg)	13,515 lb (6 130 kg)	14,170 lb (6 427 kg)	14,708 lb (6 671 kg)
Weight (w/Spring Shank)	8,877 lb (4 026 kg)	9,069 lb (4 113 kg)	9,339 lb (4 236 kg)	10,047 lb (4 557 kg)	10,582 lb (4 799 kg)	10,849 lb (4 921 kg)	11,404 lb (5 172 kg)	11,671 lb (5 293 kg)	12,954 lb (5 875 kg)	14,942 lb (6 777 kg)	15,336 lb (6 956 kg)	16,162 lb (7 330 kg)	16,871 lb (7 652 kg)
Hitch Clevis	CAT III Cast Clevis, 1-1/2" Pin & Combination "C" Cast Clevis, 1-1/4" Pin Hitch				CAT IV Ball Style Cast Clevis Hitch, 2" Pin			CAT IV Ball Style Cast Clevis Hitch, 2" Pin			Guardian Hitch™ (Cushion Tongue) with CAT IV Ball Style Cast Clevis Hitch, 2" Pin		
Hitch Type	Self-Leveling Hitch						Self-Leveling Hitch			Floating Hitch			
Hydraulics	All Cylinders and Hoses, Rephasing 10" Lift Cylinders						All Cylinders and Hoses, Rephasing 10" Lift Cylinders						
Depth Control	Hydraulic Depth Control with Positive Stop						Hydraulic Depth Control with Positive Stop						
Shank Mount	Spring Cushioned Shanks, 190 lb Point Load						Spring Cushioned Shanks, 190 lb Point Load						
Shank	25" Underframe Clearance, 1-3/4" x 5/8" Lower Shank Edge-On Style						25" Underframe Clearance, 1-3/4" x 5/8" Lower Shank Edge-On Style						
Main Frame	R280/70R15 FI, 6-Bolt Hubs						R280/70R15, 6-Bolt Hubs			(4) 340/60R16.5, 8-Bolt Hubs			
Wing Frame Tires	(4) 280/70R15, 6-Bolt Hubs, (2) Front Castering Gauge Wheels 20.5" x 8"						Load Range E			(8) 280/70R15, 6-Bolt Hubs, (4) Front Castering Gauge Wheels 20.5" x 8" Load Range E			
Finishing Attachment	24/7® 3-Row Tine and Spiral HD Reel Combination with 11"						Dia Spiral, Round Bar HD Reel Equipped with PEER® TILLXTREME™ Maintenance-Free Bearings						
Transport Locks and Safety	Hydraulic Valves, Transport and Wing Fold, Slow Moving Vehicle Sign, High Visibility LED Lighting						Hydraulic Valves, Transport and Wing Fold, Slow Moving Vehicle Sign, High Visibility LED Lighting						
<b>Optional Equipment</b>													
Hitch Type	Floating Hitch						Floating Hitch			Self-Leveling Hitch			
Shank Mount	2-Piece K-Tine, 180 lb Point Load						2-Piece K-Tine 180 lb Point Load						
Shanks	25" Underframe Clearance, 1-3/4" x 5/8" Lower Shank, Flat or Edge-On Style						25" Underframe Clearance, 1-3/4" x 5/8" Lower Shank, Flat or Edge-On Style						
Sweeps	7" (17.8 cm) Sweeps for 6" (15.2 cm) Spacing						7" (17.8 cm) Sweeps for 6" (15.2 cm) Spacing						
Wing Frame Tires	280/70R15 <b>OR</b> 240/80R15, 6-Bolt						280/70R15 or 240/80R15, 6-Bolt						
Finishing Attachments	24/7® 3-Row Spike Harrow and Spiral HD Reel Combination with 11" Diameter Spiral, Flat Bar or Round Bar HD Reel Equipped with PEER® Maintenance-Free Bearings, <b>OR</b> 24/7® 4-Row Coil Tine Harrow, 2-1/2" Overall Spacing, <b>OR</b>						TILLXTREME™ Maintenance-Free Bearings, <b>OR</b> 3-Row Tine and Spiral HD Reel Combination with 11" Diameter Spiral, Flat Bar HD Reel Equipped with PEER® TILLXTREME™ Maintenance-Free Bearings, <b>OR</b> 24/7® 4-Row Coil Tine Harrow, 2-1/2" Overall Spacing, <b>OR</b> 24/7® 5-Row Spike Tooth Harrow 3/4" x 11" Spikes, 1-1/2" Overall Spacing, <b>OR</b> No Attachment						
<b>Operation</b>													
Recommended Operating Speed	5 - 7.5 mph (8 - 12 km/h)						5 - 7.5 mph (8 - 12 km/h)						
Working Depth Range	1" - 6" (2.5 - 15.2 cm)						1" - 6" (2.5 - 15.2 cm)						
Recommended Tractor Power	7 - 10 ENG HP/ft (17 - 25 kW/m)						7 - 10 ENG HP/ft (17 - 25 kW/m)						

For more machine specifications, please visit [www.kuhn.com](http://www.kuhn.com)

## 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 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.



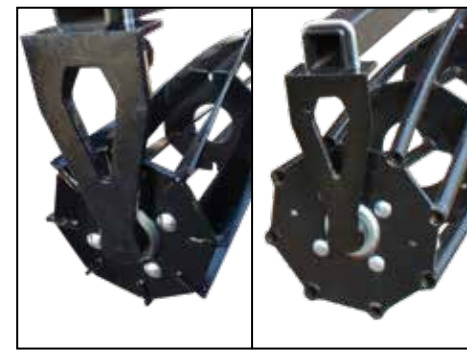
### HYDRAULIC DEPTH CONTROL

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



### 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.



### 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.

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