

Tillage and Seeding



CROP PRODUCTION PRODUCT RANGE

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2020 PRODUCTS

Primary Tillage
Secondary Tillage
Disc Harrows
Vertical Tillage
High Speed Tillage
Strip Tillage
Packers
Cover Crop Seeders

PRIMARY TILLAGE

PROMOTE RESIDUE BREAKDOWN AND INCORPORATION

4000 CHISEL PLOW

120 – 390 PTO hp / 90 – 291 kW

The 4000 chisel plow provides durable, economical primary tillage with a variety of shanks and point options to meet different requirements. This promotes breakdown of crop residue and allows good root development for the next crop.

- ♦ Mechanical depth control maintains uniform working depth
- ♦ Unitized frame design provides optional, expandable widths
- ♦ Walking tandem wheels provide smooth operation
- ♦ Working width: 17' – 39' (5.2 – 11.9 m)



Model Specifications		4000-17 to 4000-39	
Frame	3- Section, Narrow Frame	3-Section, Wide Frame	
Working width (ft/m)	17' – 27' / 5.2 – 8.2	25' – 39' / 7.6 – 11.9	
Number of shanks	17 – 27	25 – 39	
Shank spacing (in/cm)		12" / 30.5	
Transport width (ft/m)	12'9" / 3.9	18'4" / 5.6	
Transport height (ft/m)	9'8" – 14'8" / 2.9 – 4.5	10'10" – 17'3" / 3.3 – 5.3	
Transport height (ft/m)	5,452 – 6,650 / 2,473 – 3,016	7,456 – 10,188 / 3,382 – 4,621	
Weight (lbs/kg)			
Working depth (min/max) (ft/in)	6" – 10" / 15 – 25		
Tractor power range (hp PTO/kW)**	120 – 270 / 90 – 201	175 – 390 / 131 – 291	
Recommended speed of operation (mph / km/h)	4 – 7 / 6 – 12		
Folding frame – Mechanical depth control on each frame section – Rigid, shearbolt and spring cushion shank options – Choice of steel 2" reversible straight, 3" twisted shovel or 2" Double K® reversible points – Walking tandem wheels – 3- or 5-row spike harrow – LED lights			

*May vary with harrow attachment

**Estimates only. Horsepower requirements will vary by geography and soil type.

LANDSAVER® 4810

Coulters Chisel

140 – 625 PTO hp / 104 kW – 466 kW

The Landsaver coulters chisel provides residue cutting and aggressive seedbed soil fracture with a variety of shank and point options to meet different requirements. This promotes moisture absorption along with nutrient availability from accelerated residue breakdown.

- ♦ Constant flow hydraulics 22" coulters on 8" spacing cut residue
- ♦ K2000™ shanks offer 2000 lb. point load (static)
- ♦ Standard twisted or Double K® chisel points
- ♦ Star Wheel™ reader, chopper reel or heavy-duty 3-row line attachments
- ♦ Working width: 9'4" – 33'4" (2.8 – 10.1 m)



Model Specifications			4810-7 to 4810-11	4810-13 to 4810-25
Frame			Rigid	Folding
Working width (ft/m)			9'4" – 14'8" / 2.8 – 4.5	17'4" – 33'4" / 5.2 – 10.1
Number of coulters			13 – 21	25 – 49
Number of shanks			7 – 11	13 – 25
Shank spacing (in/cm)				16" / 40.6
Transport width (ft/m)			9'8" – 15'4" / 2.9 – 4.7	15'3" – 17'3" / 4.6 – 5.3
Transport height (ft/m)*			n/a	9'7" – 14'10" / 2.9 – 4.5
Weight with attachment (lbs/kg)			8,500 – 12,300 / 3,860 – 5,580	16,360 – 27,400 / 7,436 – 12,450
Working depth (min/max) (in/cm)				6" – 12" / 15.2 – 30.4
Tractor power range (hp PTO/kW)**			120 – 275 / 90 – 205	221 – 625 / 165 – 466
Recommended speed of operation (mph / km/h)			4 – 7 / 6 – 12	
Durable rigid or folding frame sizes – Single-point hydraulic depth control – 22" coulters with constant flow hydraulic adjustment – Shearbolt or K2000™ spring-reset shanks – Choice of 4" 1-piece twisted point, 3" 1-piece, twisted points, 2" reversible steel chisel points, Double K® reversible or Double K 7" wing cast chromium carbide chisel point – Walking tandem wheels – Optional Star Wheel™ readers, chopper reel or heavy-duty 3-row line – LED lights – Guardian Hitch™ option				

*May vary with harrow attachment

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Invest in Quality®

PRIMARY TILLAGE

PROMOTE RESIDUE BREAKDOWN AND INCORPORATION

DOMINATOR® 4856

Combination Primary Tillage
200 – 525 PTO hp / 149 – 391 kW

The Dominator 4856 combination primary tillage machine delivers maximum subsoil fracture while mixing and leveling soil and residue with the reverse-tandem rear disc conditioner. A new hydraulically-controlled 24/7® rear conditioning reel is available.



- ◆ Excellent residue sizing with large 25" coulters on 9' spacing; featuring constant flow hydraulics
- ◆ Shanks on 18" spacing with Double K® 7" wing points deliver maximum subsoil fracture
- ◆ Removes soil compaction from 8" – 16" (20 – 40 cm) increasing plant root development and nutrient availability
- ◆ Reverse-tandem disc conditioner for uniform pass-to-pass performance
- ◆ Working width: 10'6" – 19'6" (3.2 – 5.9 m)



Model Specifications				
Working width (ft/m)	4856-7 10'6" / 3.2	4856-9 13'6" / 4.1	4856-11 16'6" / 5.0	4856-13 19'6" / 5.9
Number of 25" coulters	15	19	23	27
Coulters Spacing	9' / 2.73 m			
Number of shanks	7	9	11	13
Shank spacing (in/cm)	18" / 45.7			
Transport width (ft/m)	13'10" / 4.2	15'10" / 4.8	14'1" / 4.3	14'2" / 4.3
Transport height (ft/m)	7'6" / 2.3	7'5" / 2.3	11'7" / 3.5	12'8" / 3.9
Weight (lbs/kg)	14,156 / 6,421	16,879 / 7,656	22,700 / 10,296	23,555 / 10,684
Working depth (min/max) (in/cm)	8" – 16" / 20.3 – 40.6			
Tractor power range (PTO hp/kW)**	200 – 250 / 149 – 186	270 – 350 / 201 – 261	375 – 450 / 280 – 336	450 – 525 / 336 – 391
Recommended speed of operation (mph / km/h)	4 – 7 / 6 – 12			
Rigid frame (7 and 9) – Folding frame (11 and 13) – Single-point hydraulic depth control – Hydraulic 25" coulters on 9' spacing – Combination shanks with wear bars – Double K [®] 7" winged ripper points – Unique reverse tandem design disc conditioner – LED lights – 24/7 [®] conditioning reel or rear hitch – Optional Guardian Hitch [™]				

**Estimates only. Horsepower requirements will vary by geography and soil type.

DOMINATOR® 4860

Combination Primary Tillage
210 – 520 PTO hp / 157 – 388 kW

The Dominator 4860 combination primary tillage machine sets new standards for residue management, compaction removal and mixing of residue in one pass. This leads to faster decomposition of tough crop residue, optimizing machine cut widths and productivity, while decreasing operational costs.



- ◆ Excellent residue sizing with large 25" coulters on 8' spacing; featuring constant flow hydraulics
- ◆ 24" (61 cm) shank spacing for maximum width of cut
- ◆ Removes soil compaction from 8" – 16" (20 – 40 cm) allowing increased root development
- ◆ Reverse-tandem disc conditioner for uniform pass-to-pass performance
- ◆ Working width: 14' – 26' (4.3 – 7.9 m)



Model Specifications	4860-7	4860-9	4860-9F	4860-11	4860-13
Working width (ft/m)	14' / 4.3	18' / 5.5	18' / 5.5	22' / 6.7	26' / 7.9
Number of 25" coulters	22	28	28	34	40
Coulters spacing	8' / 20.3				
Number of shanks	7	9	9	11	13
Shank spacing (in/cm)	24" / 61				
Transport width (ft/m)	16'11" / 4.9	18'7" / 5.7	15'4" / 4.7	17'9" / 5.4	17'9" / 5.4
Transport height (ft/m)	7'10" / 2.4	11'4" / 3.5	11'6" / 3.5	12'2" / 3.7	13'6" / 4.1
Weight (lbs/kg)	18,483 / 8,384	22,806 / 10,345	24,503 / 10,487	31,240 / 14,170	34,125 / 15,479
Working depth (min/max) (in/cm)	8" - 16" / 20 - 41				
Tractor power range (PTO hp/kW)**	210 - 280 / 157 - 209	270 - 360 / 201 - 268	270 - 360 / 201 - 268	330 - 440 / 246 - 328	390 - 520 / 291 - 388
Recommended speed of operation (mph / km/h)	4 - 7 / 6 - 11				
Rigid frame (7 and 9) - Folding frame (9F, 11 and 13) - Single-point hydraulic depth control - Hydraulic 25" coulters on 8' spacing - 3000 lb point load, ripper shanks with wear bars - Double K® 7" winged ripper points - Unique reverse tandem design disc conditioner - LED lights - 24/7® conditioning reel or rear hitch - Optional Guardian Hitch™					

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PRIMARY TILLAGE

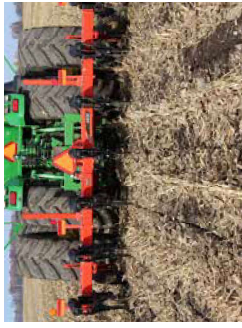
PROMOTE RESIDUE BREAKDOWN AND INCORPORATION

4830 / 4835 IN-LINE RIPPER

120 – 440 PTO hp / 89 – 328 kW

KUHN Krause in-line rippers provide efficient compaction removal, while allowing crop residue to remain undisturbed on the surface. This helps maintain residue levels for P.E.L. ground while reducing moisture evaporation, in addition to allowing water infiltration into the soil in areas requiring increased surface residue or no-till farming.

- ◆ Primary tillage with minimal disturbance of residue and soil surface
- ◆ Removes soil compaction from 8" – 16" (20 – 41 cm) allowing increased root development
- ◆ 3-Point or pull-type configuration
- ◆ New 4835 in-line ripper 8-, 9- and 11-shank models available
- ◆ Working width: 12'6" – 27'6" (3.8 – 8.4 m)



Model Specifications	4830-4R	4830-5R	4830-6R	4830-7R	4830-8F	4835-8F	4835-9F	4835-11F
Frame								
Working width (ft/m)	13'4" / 4	12'6" / 3.8 to 16'6" / 5	15' / 4.6 to 20' / 6.1	17'6" / 5.3 to 23'4" / 7	20' / 6.1 to 26'8" / 8.1	24' / 7.3 to 26'8" / 8.1	22'6" / 6.8 to 26'8" / 8.1	27'6" / 8.4
Number of shanks and coulters	4	5	6	7	8	8	9	11
Coulters size (in/cm)								
	40" / 101	30", 36", 38", 40" / 76, 91, 96, 101	30", 36", 38", 40" / 76, 91, 96, 101	30", 36", 38", 40" / 76, 91, 96, 101	30", 36", 38", 40" / 76, 91, 96, 101	30", 36", 38", 40" / 76, 91, 96, 101	30", 36", 38", 40" / 76, 91, 96, 101	30", 36", 38", 40" / 76, 91, 96, 101
Shank spacing (in/cm)								
	11'1" / 3.4	11'1" / 3.4 to 14'3" / 4.3	14'3" / 4.3 to 16'1" / 4.9	16'1" / 4.9 to 18'0" / 5.5	18'0" / 5.5 to 20' / 6.1	20' / 6.1 to 22'6" / 6.8	22'6" / 6.8 to 24' / 7.3	24' / 7.3 to 26'8" / 8.1
Transport width (ft/m)								
	3'19" / 1.47	3'60" / 1.68 to 4'01" / 1.81	4'47" / 2.01 to 5'12" / 2.32	5'08" / 2.27 to 5'70" / 2.58	5'08" / 2.27 to 5'70" / 2.58	5'08" / 2.27 to 5'70" / 2.58	5'08" / 2.27 to 5'70" / 2.58	5'08" / 2.27 to 5'70" / 2.58
Weight (lbs/kg)								
	3,191 / 1,447	3,660 / 1,660 to 4,010 / 1,819	4,479 / 2,031 to 5,125 / 2,324	5,008 / 2,271 to 5,700 / 2,585	5,008 / 2,271 to 5,700 / 2,585	5,008 / 2,271 to 5,700 / 2,585	5,008 / 2,271 to 5,700 / 2,585	5,008 / 2,271 to 5,700 / 2,585
Working depth (in/max) (in/cm)								
	120 – 160 / 89 – 120	150 – 200 / 112 – 149	180 – 240 / 134 – 179	210 – 280 / 157 – 209	240 – 320 / 179 – 239	240 – 320 / 179 – 239	240 – 320 / 179 – 239	240 – 320 / 179 – 239
Tractor power range (hp PTO/kW)**								
	120 – 160 / 89 – 120	150 – 200 / 112 – 149	180 – 240 / 134 – 179	210 – 280 / 157 – 209	240 – 320 / 179 – 239	240 – 320 / 179 – 239	240 – 320 / 179 – 239	240 – 320 / 179 – 239
Recommended speed of operation (mph / km/h)								
	4 – 7 / 6 – 12	4 – 7 / 6 – 12	4 – 7 / 6 – 12	4 – 7 / 6 – 12	4 – 7 / 6 – 12	4 – 7 / 6 – 12	4 – 7 / 6 – 12	4 – 7 / 6 – 12

Primary subsoil tillage with minimal residue and surface disturbance – Double bar frame – Rigid or spring-reset shank mounts, 2,500 lb / 1,134 kg static point load – MRD or no-till shanks with wear bars – Pivoting, individual coulters – LED lights – Optional no-till closing wheel attachment – pull-hitch

*May vary with harrow attachment

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HIGH-SPEED CONVENTIONAL TILLAGE

AGGRESSIVE, RESIDUE CUTTING AND INCORPORATION

INTERCEPTOR® 8050

260 – 510 PTO hp / 194 – 380 kW

Your high-speed tillage solution for controlling troublesome, chemical resistant weeds, the Interceptor 8050 was developed to provide growers with a more aggressive high speed tillage machine that leaves a level seedbed. Exclusive Excalibur® CT (conservation tillage) shallow concavity blades mounted on a compound angle deliver high-speed residue cutting and incorporation.

- ◆ Two parallel rows of individually mounted, 22" x 32-flute Excalibur CT shallow concavity blades on 9" spacing
- ◆ Center-mounted tines provide initial leveling and force material from the front blades directly toward the soil surface
- ◆ Optional rear attachments include a heavy-duty 3-row tine harrow, dual 24/7° conditioning reels or the popular Star Wheel™
- ◆ Treaders with 24/7° conditioning reel
- ◆ Working width: 20' – 30' (6.1 – 9.1 m)



Model Specifications	8050-20	8050-25	8050-30
Frame			
		3-Section	
Cut width (ft/m)	20' / 6.1	25' / 7.6	30' / 9.1
Number of blades	54	66	78
Blade spacing			
		9" / 22.9 cm	
Transport width with finishing attachments (ft/m)	13'5" / 4.1	12'11" / 3.9	16'5" / 5.0
Transport height with finishing attachments (ft/m)*	11'5" / 3.5	13'5" / 4.1	14'1" / 4.3
Weight (lbs/kg)	18,407 / 8,349	21,885 / 9,927	25,200 / 11,431
Maximum working depth (in/cm)			
		5" / 13	
Tractor power range (PTO hp/kW)**	260 – 340 / 224 – 254	325 – 425 / 280 – 317	390 – 510 / 336 – 380
Recommended speed of operation (mph / km/h)			
	8 – 10 / 12 – 16	Rocky Conditions: 6 – 8 / 9 – 13	

High speed tillage – Constant flow hydraulics – Individually mounted, 22" / 5 mm, 32-flute, shallow concavity Excalibur® CT blades with isolator torsion cord and maintenance-free angular contact bearings – Heavy-duty center-mounted tines – LED lights – Star Wheel™ gangs mounted on 6 degree angle with choice of optional 24/7° 3-row tine, heavy-duty round or heavy duty flat bar reel featuring PERE® TILLYRENE™ bearings – LED lights

*May vary with harrow attachment

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TANDEM DISC HARROWS

PROMOTE RESIDUE BREAKDOWN AND INCORPORATION

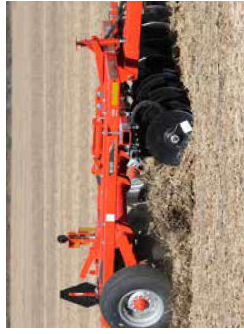
8100 DISC HARROW

Class I - Seedbed Finishing
62 – 145 PTO hp / 46 – 108 kW

Class I disc harrows deliver excellent residue cutting and seedbed preparation to ensure the proper placement of seeds. These discs provide good weight-to-blade ratio providing consistent operation in a variety of soil conditions.



- ◆ Heavy-duty, rigid frame with easy-to-set, single-point hydraulic depth control
- ◆ Residue Razor™ disc blades for superior residue cutting and soil penetration
- ◆ Rock-Flex bearing arms for protection from stony conditions or hard soil conditions
- ◆ Working width: 12'3" – 18'1" (3.7 – 5.5 m)



Model Specifications	8100-12W	8100-14W	8100-15W	8100-18W
Working width (ft/m)	12'3" / 3.7	13'9" / 4.2	15'3" / 4.6	18'1" / 5.5
Disc diameter (in/cm)		22" / 55.8		
Number of disc blades	34	38	42	50
Disc spacing (in/cm)		9.125" / 23.1		
Number of bearing arms	8		12	12
Transport width (ft/m)*	13'11" / 4.2	15'4" / 4.6	16'10" / 5.1	19'8" / 6
Weight (lbs/kg)	4,343 / 1,974	4,604 / 2,093	5,033 / 2,288	5,499 / 2,499
Max. working depth (in/cm)		5" / 12.7		
Tractor power range (hp PTO/kW)**	62 – 98 / 46 – 73	69 – 110 / 51 – 82	76 – 122 / 57 – 91	90 – 145 / 67 – 108
Recommended speed of operation (mph / km/h)		4 – 6 / 6 – 9		
Rigid frame – Mechanical depth control – Rock-Flex bearing arms – 22" / 55.8 cm Residue Razor disc blades – Adjustable gang angle (front 15° – 21° / rear 12° – 18°) – 8" blade spacing option available – Dual wheels – Built-in rear hitch – LED lights – Optional tire harrow				

*May vary with harrow attachment

**Estimates only. Horsepower requirements will vary by geography and soil type.

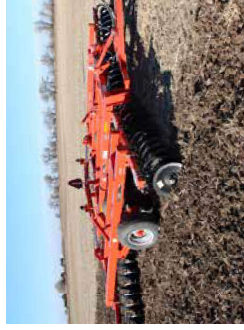
7305 DISC HARROW

Class I - Seedbed Finishing
108 – 306 PTO hp / 81 – 228 kW

Designed for seedbed finishing, KUHN Krause 7305 disc harrows deliver excellent residue cutting and seedbed preparation. These discs provide a good weight-to-blade ratio and shallow gang angle to ensure consistent operation in a variety of soil conditions.



- ◆ Heavy-duty frame with easy-to-set, single-point hydraulic depth control
- ◆ Residue Razor™ disc blades for superior residue cutting and soil penetration
- ◆ Rock-Flex or rigid bearing arms available with no daily grease maintenance features
- ◆ Working width: 18'1" – 34'1" (5.5 – 10.4 m)



Model Specifications	7305-18W	7305-21W	7305-24W	7305-27W	7305-31W	7305-34W
Frame			3-Section Folding			
Working width (ft/m)	18'1" / 5.5	21' / 6.4	23'11" / 7.3	26'9" / 8.2	31'1" / 9.5	34' / 10.4
Disc diameter (in/cm)				22" / 56		
Number of disc blades	50	58	66	74	86	94
Disc spacing (in/cm)				9-18" / 23.2		
Number of bearing arms	16	20	20	20	26	26
Transport width (ft/m)	10'11" / 3.3	10'11" / 3.3	14'7" / 4.4	14'7" / 4.4	16'4" / 5.0	18'4" / 5.0
Transport height (ft/m)*	10'2" / 3.1	11'7" / 3.5	11'6" / 3.5	12'10" / 3.9	14'2" / 4.3	15'6" / 4.7
Weight (lbs/kg)	8,717 / 3,954	9,409 / 4,268	10,745 / 4,874	11,172 / 5,068	12,899 / 5,851	13,347 / 6,054
Max. working depth (in/cm)			5" / 12.7			
Tractor power range (hp PTO/kW)**	108 – 162 / 81 – 121	126 – 180 / 94 – 141	144 – 216 / 107 – 161	162 – 243 / 121 – 181	186 – 279 / 139 – 208	204 – 306 / 151 – 228
Recommended speed of operation (mph / km/h)			5-7 / 8 – 11			
Folding frame – Single-point hydraulic depth control – Rigid or Rock-Flex bearing arms – Residue Razor disc blades – 17° front and rear gang angle – Narrow (7-3/4") blade spacing also available – adjustable dual scrapers at bearing arms – LED lights – Optional 3-row tire or rear hitch						

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TANDEM DISC HARROWS

PROMOTE RESIDUE BREAKDOWN AND INCORPORATION

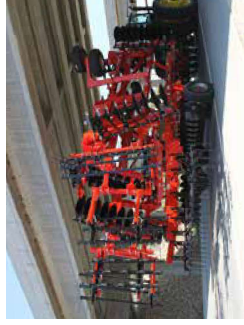
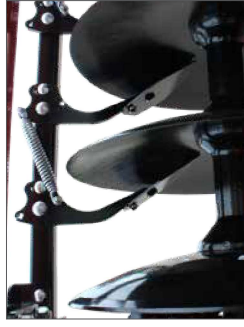
8215 DISC HARROW

Class II - All-Purpose
138 – 398 PTO hp / 98 – 297 kW

Class II disc harrows provide all-purpose operation in a variety of soil and residue conditions. Residue Razor™ disc blades offer consistent residue cutting and soil penetration in a variety of conditions. A wide range of widths are available to match popular tractor horsepower. Quad-Fold™ sizes provide exceptional transport dimensions.



- ◆ Residue Razor disc blades for superior residue cutting and soil penetration conditions
- ◆ Rock-Flex bearing arms for protection from stony conditions or hard soil
- ◆ No daily grease maintenance bearings
- ◆ Working width: 19'9" – 44'3" (6 – 13.5 m)



Model Specifications		8215-19W to 8215-36W	8215-36WOF to 8215-44WOF
Frame		3-Section	5-Section Quad-Fold™
Working width (ft/m)		19'9" - 35'8" / 6 - 10.8	35'8" - 44'3" / 10.8 - 13.5
Disc diameter (in/cm)		24" / 60.9	
Number of disc blades		54 - 98	98 - 122
Disc spacing (in/cm)		18 - 26	30 - 34
Number of bearing arms		122" - 169" / 3.7 - 5.1	175" - 177" / 5.3 - 5.4
Transport width (ft/m)*		10'8" - 15'6" / 3.2 - 4.7	13'5" - 13'10" / 4.1 - 4.2
Transport height (ft/m)*		10.832 - 19.379 / 4.913 - 8.723	22.420 - 27.000 / 10.169 - 12.246
Weight (lbs/kg)			6' / 15.2
Max. working depth (in/cm)			6' / 15.2
Tractor power range (hp PTO/kW)**		132 - 321 / 98 - 239	250 - 398 / 186 - 297
Recommended speed of operation (mph / km/h)		5 - 7 / 8 - 12	

Folding frame - Single-point hydraulic depth control - Rock-Flex bearing arms - Residue Razor disc blades or rollable 24" x 1/4" disc blades - Aggressive 23" front 13" rear gang angle - 8" blade spacing option available on 19' to 36' models - Spring adjustable scrapers with 5" scraper blade - Adjustable dual scrapers at bearing arms - LED lights - Optional 247" narrow attachments or rear hitch - Innovative Quad-Fold system on the four largest sizes - Optional Guardian Hitch™

*May vary with harrow attachment

**Estimates only. Horsepower requirements will vary by geography and soil type.

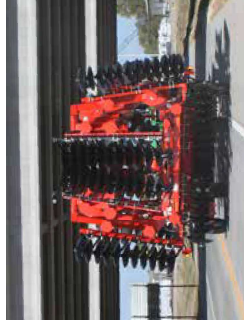
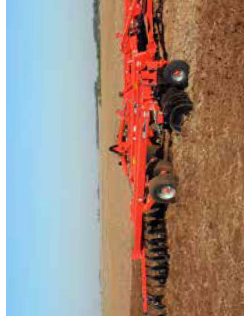
8315 DISC HARROW

Class III - Primary Tillage
159 – 373 PTO hp / 118 – 278 kW

Class III disc harrows provide primary tillage operation where maximum soil penetration and residue mixing is required. Residue Razor™ disc blades and heavy ductile cast spacer spools offer consistent residue cutting and soil penetration in a variety of conditions. A wide range of widths are available for a variety of tractor power requirements, and Quad-Fold™ models provide exceptional transport dimensions.



- ◆ Residue Razor disc blades for superior cutting action
- ◆ Rock-Flex bearing arms for protection from stony conditions or hard soil conditions
- ◆ No daily grease maintenance bearings
- ◆ Working width: 19'10" – 37'3" (6 – 11.3 m)



Model Specifications		8315-19W to 8315-34W	8315-37WOF
Frame		3-Section	5-Section Quad-Fold™
Working width (ft/m)		19'10" - 34'1" / 6.0 - 10.4	37'3" / 11.3
Disc diameter (in/cm)			26" / 66
Number of disc blades		50 - 84	92
Disc spacing (in/cm)			10" / 25.4 front and rear
Number of bearing arms		16 - 24	28
Transport width (ft/m)*		12'2" - 17' / 3.7 - 5.2	17'7" / 5.4
Transport height (ft/m)*		10'9" - 14'8" / 3.2 - 4.4	13'5" / 4.1
Weight (lbs/kg)		12,101 - 20,445 / 5,488 - 9,273	24,573 / 11,146
Max. working depth (in/cm)			8' / 20.3
Tractor power range (hp PTO/kW)**		159 - 341 / 118 - 254	298 - 373 / 222 - 278
Recommended speed of operation (mph / km/h)			4 - 6 / 6 - 10

Folding frame - Single-point hydraulic depth control - Rock-Flex bearing arms - Residue Razor disc blades - Aggressive 22" front 19" rear gang angle - Narrow (9") disc spacing for front gangs also available - Spring adjustable scrapers with 5" scraper blade - Adjustable dual scrapers at bearing arms - Walking tandem wheels - LED lights - Optional 247" narrow attachments or rear hitch - Innovative Quad-Fold™ system on largest size - Optional Guardian Hitch™

*May vary with harrow attachment

**Estimates only. Horsepower requirements will vary by geography and soil type.



Invest in Quality®

OFFSET DISC HARROWS

HEAVY CROP RESIDUE MANAGEMENT

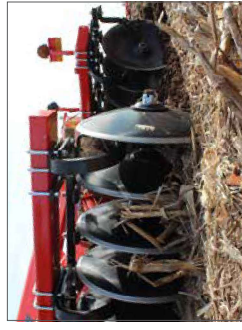
5805 OFFSET DISC HARROW

98 – 242 PTO hp / 73 – 180 kW

Recognized for rugged dependability and heavy-duty construction, the 5805 offset disc harrow is prepared for your toughest tillage challenges. Residue Razor™ disc blades deliver a sharp edge for cutting and penetration. Depending on model and configuration, the 5805 offset disc harrow provide 497' to 650 pounds per foot.



- ◆ Heavy crop residue management
- ◆ Large diameter Residue Razor disc blades for superior residue cutting and soil penetration (smooth or notched)
- ◆ Choice of rock-flex or rigid bearing arms with no daily grease maintenance features bearing arms
- ◆ Working width: 12'3" - 21'3" (4.1 m - 6.5 m)



Model Specifications	5805-12	5805-14	5805-15	5805-17	5805-19	5805-20
Working width (ft/m)	12'3" / 3.7	13'10" / 4.2	15'5" / 4.7	17' / 5.2	18'7" / 5.7	20'2" / 6.1
Disc diameter (in/cm)			26" or 28" / 66 or 71			
Number of discs	31	35	39	43	47	51
Disc spacing (in/cm)			10" Front and Rear / 25.4			
Number of bearings arms	8	9	10	12	13	14
Transport width (ft/m)	13'6" / 4.1	15'1" / 4.6	16'7" / 5.1	18'2" / 5.6	19'9" / 6.0	21'3" / 6.5
Weight (lbs/kg)	7,741 / 3,511	8,242 / 3,739	8,759 / 3,973	9,305 / 4,220	10,311 / 4,677	10,783 / 4,886
Max. working depth (in/cm)			10" / 25.4			
Tractor power range (hp PTO/kW)**	98 - 147 / 73 - 110	111 - 166 / 83 - 124	124 - 186 / 92 - 139	136 - 204 / 101 - 152	149 - 223 / 111 - 166	161 - 242 / 120 - 180
Recommended speed of operation (mph / km/h)			4 - 6 / 6 - 12			
Single-point hydraulic depth control – Rigid or Rock-Flex bearing arms – Adjustable gang angle 16° to 25° – Ductile cast iron spools – Heavy-duty 6-1/2" scrapers – CAT III cast combination C-devis, CAT III or CAT IV articulating ball hitch – LED lights						

*May vary with harrow attachment

**Estimates only. Horsepower requirements will vary by geography and soil type.

SECONDARY TILLAGE

SUPERIOR SPRING SEEDBED

5635 FIELD CULTIVATOR

123 – 404 PTO hp / 91 – 301 kW

The 5635 field cultivator provides increased residue flow between the five rows of shanks for high residue conditions. Uniform cultivation with the split-the-middle sweep pattern leads to better seed-to-soil contact. The exclusive floating hitch combined with positive stop depth control allow for consistent tillage depth resulting in even germination and uniform emergence. Optional hydraulic depth control makes depth changes quick and easy.

- ◆ Shanks on a split-the-middle pattern for full-width seedbed preparation
- ◆ Unique frame construction offers strength while remaining flexible
- ◆ Exclusive floating hitch option and positive stop depth adjustment for superior depth control
- ◆ Hydraulic depth control option
- ◆ Working width: 3-section, single fold - 20'6" - 36'6" (6.2 – 11.1 m) 5-section, double fold - 39'6" - 50'6" (12 – 15.3 m)



Model Specifications	5635-20 to 5635-36	5635-39 to 5635-50
Frame	3-Section	5-Section
Working width (ft/m)	20'6" - 36'6" / 6.2 - 11.1	39'6" - 50'6" / 12 - 15.4
Number of shanks	41 - 73	79 - 101
Shank spacing (in/cm)		6" / 15.2
Transport width (ft/m)*	10' or 16'8" / 3 or 5.1	12'8" or 14'8" / 3.8 or 4.4
Transport height (ft/m)*	9'8" - 14'8" / 2.9 - 4.5	14'8" or 15'9" / 4.4 or 4.8
Weight equipped with spring shanks (lbs/kg)	8,877 - 12,954 / 4,026 - 5,875	14,942 - 16,871 / 6,777 - 7,652
Maximum working depth (in/cm)		6" / 15.2
Tractor power range (hp PTO/kW)**	123 - 292 / 91 - 218	237 - 404 / 177 - 301
Recommended speed of operation (mph / km/h)	5 - 7.5 / 8 - 12	
Seedbed preparation and soil mixing – Shanks on a split-the-middle pattern – Unique frame construction offers strength while remaining flexible – 139" frame with spring shanks no closer than 31" – positive stop depth control on each frame section – Variety of 24" harrow options – Variety of 24" harrow options – Walking tandem wheels – Optional, exclusive floating hitch design – LED lights – Optional Guardian Hitch™ on larger sizes		

*May vary with harrow attachment

**Estimates only. Horsepower requirements will vary by geography and soil type.



Invest in Quality®

SECONDARY TILLAGE

CREATE THE PERFECT SEEDBED; MAXIMIZE YIELD POTENTIAL

LANDSMAN® 6205

Combination Soil Finisher

126 – 405 PTO hp / 94 – 302 kW

The Landsman 6205 delivers excellent residue flow handling capability, soil mixing, conditioning and leveling in one pass. Exclusive Excalibur® VT (vertical tillage) blades with 32-flute edge uniformly size residue for smooth flow through the machine. The 8 degree rear-angled gang minimizes lateral soil movement to improve the leveling action of the shanks.



- ◆ Exclusive Excalibur VT blades cut residue and begin mixing soil
- ◆ No daily grease maintenance gang bearings
- ◆ Spring shanks on a deep frame allow exceptional residue flow through the machine
- ◆ Variety of harrow options for superior seedbed leveling and preparation
- ◆ Working width: 3-section, single fold - 18' - 31'6" (5.5 - 9.7 m)
5-section, double fold - 36' - 45' (11 - 13.6 m)



Model Specifications		6205-18 to 6205-31	6205-36 to 6205-45
Frame		3-Section, Single-Fold	5-Section, Double-Fold
Working width (ft/m)		18' - 31'6" / 5.5 - 9.7	36' - 45' / 11 - 13.6
Number of blades		24 - 40	46 - 62
Number of shanks		25 - 53	49 - 77
Shank spacing (in/cm)		12" or 14 1/11" / 3.7 or 4.5	14 1/11" / 4.5
Transport width (ft/m)*		9'6" - 14'6" / 2.9 - 4.5	13'6" / 4.2
Transport height (ft/m)**		9'735 - 15'379 / 4.516 - 6.976	18'361 - 21'428 / 8.328 - 9.719
Weight (lbs/kg)*			1" - 6" / 2.5 - 15.2
Working depth (min/max) (in/cm)			
Tractor power range (hp PTO / kW)**		126 - 279 / 94 - 206	252 - 405 / 188 - 302
Recommended speed of operation (mph / km/h)		5 - 7.5 / 8 - 12	

Seeded preparation: residue cutting and soil mixing - Deep frame for exceptional residue flow - Single-point hydraulic depth control - Mechanical or hydraulic adjust Excalibur® VT blades cut residue and begin mixing soil - Spring shanks provide uniform seedbed tillage - Variety of 24/7" harrow options - Walking tandem wheels - LED lights - Optional Guardian Hitch™

LANDSTAR™ 6405

Combination Soil Finisher

126 – 324 PTO hp / 94 – 242 kW

The Landstar 6405 delivers excellent residue flow handling capability, soil mixing, conditioning and leveling in one pass. Excalibur® VT (vertical tillage) blades size residue uniformly and minimize lateral soil movement to mix soil and residue without creating ridges. Exclusive Star Wheel™ readers on Landstar 6405 models provide additional clod sizing, leveling and residue distribution.



- ◆ Exclusive Excalibur VT blades cut residue and begin mixing soil
- ◆ No daily grease maintenance gang bearings
- ◆ Spring shanks on a deep frame allow exceptional residue flow through the machine
- ◆ Star Wheel™ readers provide increase clod sizing, residue distribution and soil leveling
- ◆ Variety of harrow options for superior seedbed leveling and preparation
- ◆ Working width: 3-section, single fold - 18' - 31'6" (5.5 - 9.7 m)
5-section, double fold - 36' (11 m)



Model Specifications		6405-18 to 6405-31	6405-36
Frame		3-Section, Single-Fold	5-Section, Double-Fold
Working width (ft/m)		18' - 31'6" / 5.5 - 9.7	36' / 11
Number of blades		24 - 40	46
Number of shanks		25 - 43	49
Shank spacing (in/cm)		9" / 22.8	
Transport width (ft/m)*		12" or 14 1/11" / 3.7 or 4.5	14 1/11" / 4.5
Transport height (ft/m)**		9'6" - 14'6" / 2.9 - 4.5	11'6" / 3.50
Weight (lbs/kg)*		12,441 - 16,676 / 5,643 - 7,564	22,765 / 10,326
Working depth (min/max) (in/cm)			1" - 6" / 2.5 - 15.2
Tractor power range (hp PTO / kW)**		126 - 279 / 94 - 206	252 - 324 / 188 - 242
Recommended speed of operation (mph / km/h)		5 - 7 / 8 - 12	

Seeded preparation: residue cutting and soil mixing - Deep frame for exceptional residue flow - Single-point hydraulic depth control - Mechanical or hydraulic adjust Excalibur® VT blades cut residue and begin mixing soil - Spring shanks provide uniform seedbed tillage - Exclusive Star Wheel™ readers - Variety of 24/7" harrow options - Walking tandem wheels - LED lights - Optional Guardian Hitch™

*May vary with blade spacing and harrow attachment

**Estimates only. Horsepower requirements will vary by geography and soil type.



Invest in Quality®

PACKERS

FIRM, LEVEL SEEDBED

4400 PACKER

12 – 92 PTO hp / 9 – 69 kW

The 4400 packer consistently downsizes clods and uniformly firms the seedbed across the width of the machine. This provides an ideal seedbed that has uniform density soil characteristics and sets the stage for good seed-to-soil contact.

- ◆ Ductile iron, notched packer wheels mounted on a 6-5/8" pipe axle, downsize clods and firm the seedbed
- ◆ Walking duals on larger sizes provide even weight distribution during transport
- ◆ Optional "V" packer wheels firm sandy soil to prevent wind erosion
- ◆ Working width: 12' – 46' (3,6 – 4,9 m)



Model Specifications		4400-12 to 4400-18	4400-20 to 4400-46
Frame		Rigid	Folding
Working width (ft/m)		12' – 18' / 3,7 – 5,5	20'4" – 46' / 6,2 – 11,1
Number of packer wheels		36 – 54	61 – 138
Transport width (ft/m)		13' – 19' / 4,0 – 5,8	12'4" – 16'1" / 3,8 – 4,9
Transport height (ft/m)		n/a	under 8'4" / 2,5
Weight equipped with notched rollers (lbs/kg)		2,875 – 3,663 / 1,304 – 1,671	5,784 – 11,040 / 2,542 – 5,008
Tractor power range (hp PTO/kW)**		12 – 36 / 9 – 27	20 – 92 / 15 – 69
Recommended speed of operation (mph / km/h)			5 – 7 / 8 – 12
Seedbed firming – Ductile iron, notched packer wheels with reversible scrapers – Large pipe roller axle – Patented jack frame levelling – Telescoping tongue on 28'–36' sizes – Single wheels on rigid sizes, dual wheels on folding sizes – LED lights – Optional "V" packer wheels			

**Estimates only. Horsepower requirements will vary by geography and soil type.
***Gladiator 1205M 16-row is only available with 30' row spacing.

STRIP TILLAGE

PRECISION NUTRIENT AND SEEDBED MANAGEMENT

GLADIATOR® 1205

Precision Tillage System
80 hp – 368 PTO hp / 60 – 274 kW

The GLADIATOR 1205 precision tillage system allows farmers to configure the machine to accurately place many different types of fertilizer specific to the individual operation. Equipped with ST-PRO™ row units, which do not require daily maintenance, the machine is easy to adjust for various soil types and residue conditions to create an ideal seedbed for the planting operation.

- ◆ Multiple frames and configurations to meet different requirements
- ◆ ST-PRO row unit creates uniform strip for planting
- ◆ Row units are easy to adjust and do not require daily maintenance
- ◆ Working width: 10' – 40' (3 – 12,2 m)



Model Specifications		1205M 3-Point Mounted		1205 Pull-Type
Frame		Rigid	Folding	
Number of row units		4, 6 or 8	8, 12 or 16**	8, 12 or 16
Working width (ft/m)		10' – 26'8" / 3,0 – 8,10	20' – 40' / 6,1 – 9,1	20' – 40' / 6,1 – 12,2
Rows spacing (in/cm)		30", 36", 38", 40" / 76, 91, 96, 101		30" / 76
Coulters size (in/cm)		10" – 25'2" / 3,0 – 7,7	25" / 36,5	
Transport width (ft/m)		13'9" – 22'1" / 4,2 – 6,8		12'4" – 17'7" / 3,6 – 5,4
Weight with spring-reset row units (lbs/kg)		4,668 – 8,331 / 2,117 – 3,779	8,884 – 16,662 / 4,030 – 7,558	15,234 – 24,136 / 6,910 – 10,948
Working depth (min/max) (in/cm)			6" – 12" / 15,2 – 30,4	
Tractor power range (hp PTO/kW) at 8" depth**		80 – 184 / 60 – 137	160 – 368 / 119 – 274	160 – 368 / 119 – 274
Recommended speed of operation (mph / km/h)			5 – 8 / 8 – 13	
ST-PRO™ row units (spring-reset or shearbl) with non-pivoting coulters – Adjustable stalk – Adjustable angle closing discs and STRIK™ chain conditioning reel – LED lights – double toolbar design – walking tandem wheels on mainframe (pull-type) – Optional: rear hitch, lift assist (3-pt), dry, liquid or gas Drop Zone™ fertilizer systems				

VERTICAL TILLAGE

EXCEPTIONAL RESIDUE CUTTING, SOIL AND RESIDUE MIXING AND SEEDBED PREPARATION

EXCELERATOR® 8005 / EXCELERATOR® XT 8010

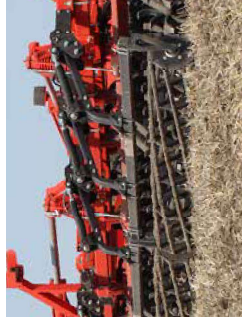
Vertical Tillage System

88 – 500 PTO hp / 66 – 373 kW

The EXCELERATOR delivers high-speed residue cutting and incorporation with the exclusive 32-flute hybrid Excabur® VT blade. The adjustable gang angle allows customized settings to meet required soil and residue levels. Star Wheel® treaders do an excellent job of downsizing clods, leveling soil and anchoring residue, while the 24/7® soil conditioning reel finishes the seedbed.

- ◆ Exclusive Excabur VT vertical tillage blades capture and slice tough residue. The Excelerator 8005 features 8" spacing front and rear, while the Excelerator XT 8010 features 7" spacing on the front gangs with 8" spacing on the rear.
- ◆ Gangs are adjustable from 1 degree to 5 degrees on the Excelerator 8005 and 1 degree to 8 degrees on the Excelerator XT 8010.
- ◆ Mid-mounted 5/8" x 27" HD lines redistribute residue, aid in leveling the seedbed and reduce clod size on the Excelerator XT 8010.
- ◆ Star Wheel treaders level soil, reduce clod size and anchor residue while the 24/7 soil conditioning reel finishes the seedbed.
- ◆ No daily grease maintenance bearings
- ◆ Working width: Excelerator 8005: - 11' – 25' (4.3 – 7.6 m), 50' (15.2 m)
Excelerator XT 8010 - 29'6" - 40'3" (9.1 - 12.2 m)

NEW
2024 EDITION



COVER CROP SEEDING

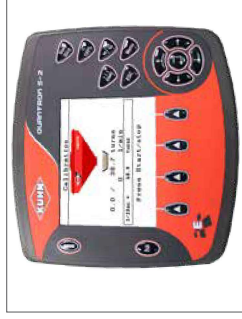
ESTABLISH A COVER CROP WHILE PERFORMING VERTICAL TILLAGE

CCX 9000

21 cu. ft. / 600 liters, 34 cu. ft. / 963 liters or 45 cu. ft. / 1274 liters

The CCX 9000 pneumatic cover crop seeder is available for use with Excelerator® vertical tillage machines for establishing a cover crop during a normal tillage operation. The hopper feeds seed to the electric drive metering unit. Seed is split precisely between outlets using an air drill style divider head to ensure excellent repartition of seed across the width of the machine.

- ◆ Quantron S-2 monitors seed level, fan speed and metering unit speed
- ◆ Volumetric seed metering for precise rate control and simple calibration
- ◆ Uniform seed placement across width of machine with adjustable diffuser angle
- ◆ Choice of 21, 34 or 45 cu. ft. hopper
- ◆ CCX-9000ACC consisting of basic mounting frame now available for mounting to tillage equipment of customers' choice



Model Specifications		8005-11 and 8005 - 14	8005-20 and 8005-25	8010-30 to 8010-34	8010-40	8005-50
Frame	Rigid					
Working width (ft/m)		11' - 14' / 3.4 - 4.3	20' - 25' / 6.1 - 7.6	29'6" - 33'6" / 9.1 - 10.4	40' / 12.2	50' / 15.2
Number of blades		37 - 45	65 - 77	98 - 110	132	153
Blade diameter (in/cm)				22" / 56.8		
Blade spacing front(in/cm)						
Blade spacing rear		8" / 20.3		7" / 17.8		8" / 20.3
Gang angle		1° - 5°		1° - 8°		1° - 5°
Transport width with harrow attachment (ft/m)		12'9" - 15'3" / 3.9 - 4.7	12'2" / 3.7	15'9" - 18' / 4.6 - 5.5	19'3" / 5.8	
Transport height with harrow attachment (ft/m)		6'5" / 2	10'9" - 12'9" / 3.2 - 3.8	13' - 14'9" / 4.1 - 4.5	12'8" / 3.8	14'9" / 4.5
Weight (lbs/kg)		9,300 - 11,000 / 4,218 - 4,990	17,000 - 19,800 / 7,711 - 8,981	25,760 - 30,869 / 11,680 - 13,997	35,760 / 16,220	42,050 / 19,074
Max. working depth (in/cm)				3.5' / 8.9		
Tractor power range (hp PTO/kW)*		88 - 140 / 66 - 105	160 - 200 / 119 - 254	270 - 442 / 238 - 298	360 - 520 / 269 - 388	400 - 500 / 298 - 373
Recommended speed of operation (mph / km/h)				8 - 10 / 12 - 16		

Vertical tillage for cutting residue and mixing with soil at shallow depths – Single-point hydraulic depth control – Rock-Flex bearing arms – Trash bars – Walking tandem wheels – LED lights – Optional Wing gauge wheels, Optional Guardian Hitch™ on largest sizes

*Estimates only. Horsepower requirements will vary by geography and soil type.



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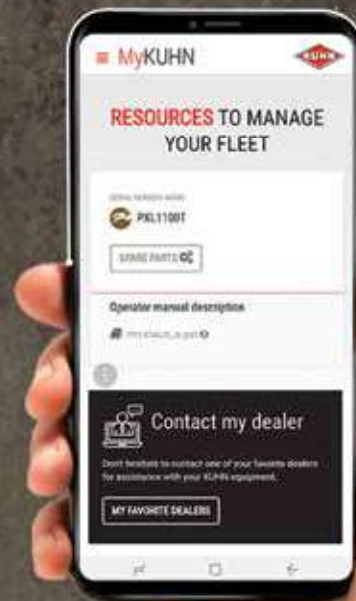


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