



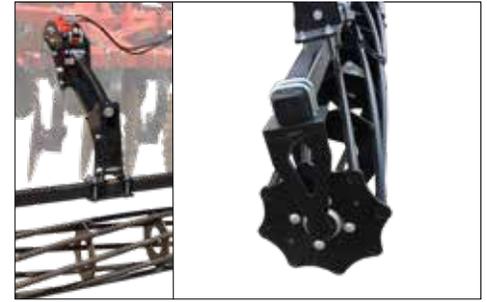
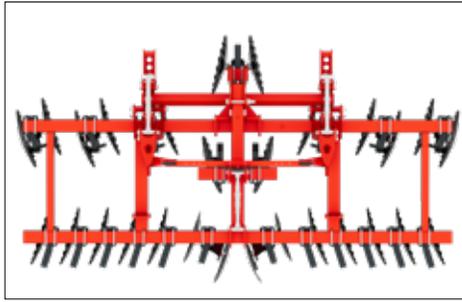
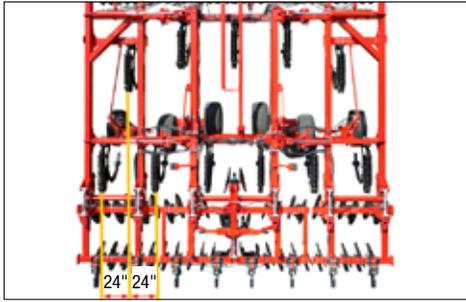
Primary Tillage  
**DOMINATOR® 4861**

PRODUCT INFORMATION



The NEW Dominator® 4861 with optional Smart Soil Technology™ (SST) provides maximum productivity and compaction maintenance with dependable residue and soil flow throughout the machine. SST delivers in-cab electronic control and convenience for operation and adjustment of machine depth, coulter pressure, disc conditioner depth, and conditioning reel. The rationally sequential design places coulters ahead of shanks to size residue, ensure it flows through the machine freely and can be evenly incorporated by the disc conditioner at the rear. Each shank is positioned between a pair of coulters increasing the quantity of soil brought to the surface by the shanks for maximum residue incorporation. Two ranks of shanks on 24" effective spacing provide excellent compaction maintenance with optimized productivity. This design delivers maximum residue flow with no two shanks closer than 48", while the improved reversed tandem disc conditioner promotes uniform soil and residue incorporation, maintaining a level fall seedbed finish. A specially designed C-arm allows the disc hub to be directly mounted. This combination of C-arm and hub provides 10% more soil and residue flow through the disc conditioner to improve continuous operation in adverse conditions. No daily grease maintenance features have been incorporated throughout the machine, including coulter gangs, disc conditioner, and conditioner reel bearings. Double K® 7" wing or 2.5" straight ripper points are available to increase point wear life and increase operator productivity. A new HD solid round bar conditioning reel is available for improved durability in rocky conditions or flat blade reels are available for aggressive clod sizing in dry conditions. Both are available with optional hydraulic lift control, allowing the reels to be easily raised from the tractor cab, extending field run time in adverse conditions.

# DOMINATOR® 4861



## Shanks

- 24" shank spacing with double rank design for reliable residue and soil flow.
- Minimal 48" spacing is maintained between any two shanks located on the same rank.
- RTK cut widths available in 14 / 18 / 22 and 26 foot widths.

## Rear Disc Conditioner

- Independently mounted blades on a 6-bolt hub containing double angular contact bearing equipped with 11-lip seals for outstanding reliability and maintenance free operation.
- Dual hydraulic cylinders control the position of the rear disc conditioner for optimal operating height in relation to the tilled soil surface.

## 24/7® Soil Conditioning Reel

- Hydraulic reel lift extends the Dominator's operating window in wet conditions.
- The operator can raise or lower the 24/7® reel conditioner as conditions dictate.
- Mechanical down pressure increases the working weight for each reel section
- Heavy-duty solid round or flat bar spiral reels for a superior field finish.

## Technical specifications

	4861-7	4861-9	4861-9F	4861-11	4861-13
Transport Width	16'1" (4.9 m)	18'7" (5.7 m)	15'6" (4.7 m)	17'9" (5.4 m)	17'9" (5.4 m)
Transport Height	8' (2.4 m)	11'6" (3.5 m)	11'6" (3.5 m)	12'2" (3.7 m)	13'6" (4.1 m)
Frame Type	Rigid	Rigid	Folding	Folding 3-Section	Folding 3-Section
Number of Shanks	7	9	9	11	13
Shank Spacing	24" (61 cm)	24" (61 cm)	24" (61 cm)	24" (61 cm)	24" (61 cm)
Working Width	14" (4.3 m)	18" (5.5 m)	18" (5.5 m)	22" (6.7 m)	26" (7.9 m)
Shipping Weight w/ Reel	18,207 lb (8 258 kg)	22,400 lb (10 160 kg)	23,189 lb (10 518 kg)	30,177 lb (13 688 kg)	33,321 lb (15 109 kg)
Hitch Type	CAT IV AB (Articulating Ball) for 2" Pin Standard or CAT III AB for 1-1/2" Pin			CAT IV AB (Articulating Ball) for 2" Pin Standard or CAT V AB Hitch for 2-3/4" Pin	
Tongue Type	Rigid, Mechanical Adjustable, Self-Leveling Tongue (Standard) or Guardian Hitch™ (Cushion Tongue)			Guardian Hitch™ (Cushion Tongue) or Mechanical Adjustable, Self-Leveling Tongue	
Coulter Gangs	25" x 1/4" Smooth Blades on 8" Spacing, Adjustable Constant Pressure Hydraulic, Heavy-Duty 6" Bell Diameter Ductile Iron Spools, 1-3/4" Diameter Round Alloy Tie Rod with Maintenance-Free PEER® TILLXTREME™ Bearings, C-Type Rock-Flex™ Bearing Arms 1-1/4" x 2-1/2"				
Shanks	3,000lb Point Load Spring Reset Parabolic Sub-Soil Shank, 1-1/4 x 4" Shank Size with Wear Bar, 21" Trip Height, 39" Underframe Clearance, 16" Working Depth				
Points	Double K® Chromium Carbide, 7" Winged Ripper Points or Double K® 2-1/2" Cast Chromium Carbide, Straight Ripper Point				
Main Frame Wheels	(4) 360/65R17.5 Metric Tires, Walking Beams, Slip-In Spindles, Maintenance-Free Spherical Bearings, 8-Bolt Heavy-Duty Hubs			(4) 440/55R18 Metric Tires, Walking Beams, Slip-In Spindles, Maintenance-Free Spherical Bearings, 8-Bolt Heavy-Duty Hubs	
Wing Frame Wheels	Not Applicable			(1) 360/65R17.5 per Wing 8-Bolt Hub	
Hydraulic Controlled Rear Disc Conditioner	Maintenance-Free, Double Angular Contact Bearing, 6-Bolt Hub for Blades 24" x 6 Gauge, Fluted Shallow Concavity Disc Blades, 12" Blade Spacing, Remote Single-Point Hydraulic Lower Limit Stop, Reversed Tandem Design				
Hydraulic Controlled Rear Conditioning Reel	24/7® Soil Conditioning Reel, Heavy-Duty Solid Round or Flat Bar Spiral Reels, PEER® TILLXTREME™ Maintenance-Free Bearings or None				
Optional Smart Soil Technology™	In Cab ISOBUS Control of Depth, Coulter Pressure, Disc Conditioner Depth and Conditioner Reel, CCI 800 or CCI 1200 Available as Option, ISOBUS Tractor Harness Available as Option, GPS Speed Sensor Available as Option				
Recommended Tractor Power	40 - 50 ENG HP/shank (29 - 37 kW/shank)				
Working Depth Range	8" - 16" (20.3 - 40.6 cm)				
Recommended Operating Speed	4 - 7 mph (6 - 11 km/h)				

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Information given in this document is only for informational purposes and is non-contractual. Our machines are in compliance with North American safety standards. In our literature, and for improved illustration of certain details, some safety devices may not be in operating position. When operating these machines, these devices must be operated in accordance with the requirements indicated in the operator's manuals and assembly manuals. We reserve the right to change any designs, specifications or materials listed without further notice. Machines and equipment in this document can be covered by at least one patent and/or registered design. Trademarks cited in this document may be registered in one or several countries.

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