



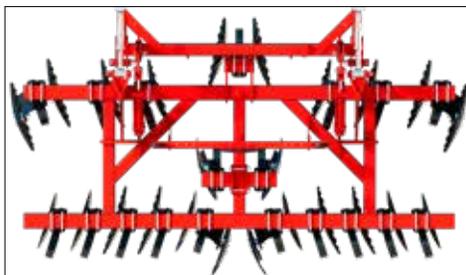
Primary Tillage
DOMINATOR® 4857

PRODUCT INFORMATION



The new Dominator® 4857 with optional Smart Soil Technology™ (SST) provides maximum subsoil fracture 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 rear disc conditioner. Two ranks of shanks on 18" effective spacing provide the maximum degree of soil fracture and compaction removal compared to other tillage tools in this class that utilize wider shank spacing, while the improved reversed tandem disc conditioner promotes uniform soil and residue incorporation, maintaining a level fall seedbed finish. The disc conditioner also features independently mounted blades on a 6-bolt hub for easy maintenance. A specially designed C-arm now allows for the disc hub to be directly mounted. This new 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 Dominator 4857, including coulter gangs, disc conditioner, and conditioner reel bearings. Double K® 7" wing or 2.5" straight ripper points are available increasing point wear life and operator productivity. A new HD solid round bar conditioning reel offers improved durability in rocky conditions. Flat blade reels are available for aggressive clod sizing in dry conditions. Both are available with hydraulic lift control as an option, allowing the reels to be quickly and easily raised from the tractor cab, extending field run time in adverse conditions.

DOMINATOR® 4857



Shanks

- 18" shank spacing delivers maximum sub-soil fracture.
- Double rank design provides optimal soil and residue flow.
- Available in combination spring reset subsoil and HD spring reset chisel shanks, all spring reset subsoil shanks, or all HD spring reset chisel shanks.

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				
	4857-7	4857-9	4857-11	4857-13
Transport Width	13'1" (4 m)	15'11" (4.9 m)	14'1" (4.3 m)	14'2" (4.3 m)
Transport Height	7'6" (2.3 m)	7'5" (2.3 m)	11'7" (3.5 m)	12'8" (3.9 m)
Frame Type	Rigid	Rigid	Folding	Folding
Number of Shanks	7	9	11	13
Shank Spacing	18" (46 cm)	18" (46 cm)	18" (46 cm)	18" (46 cm)
Working Width	10'6" (3.2 m)	13'6" (4.1 m)	16'6" (5 m)	19'6" (5.9 m)
Shipping Weight With Reel Option	13,800 lb (6 259 kg)	16,652 lb (7 553 kg)	22,213 lb (10 075 kg)	23,825 lb (10 806 kg)
Hitch Type	CAT IV AB (Articulating Ball) for 2" Pin Standard or CAT III AB for 1-½" Pin		CAT IV AB (Articulating Ball) for 2" Pin Standard or CAT V AB for 2-¾" Pin	
Tongue Type	Mechanical Adjustable, Self-Leveling Tongue Standard or Guardian Hitch™		Guardian Hitch™ Standard or Mechanical Adjustable, Self-Leveling Tongue	
Coulter Gangs	25" x ¼" Smooth on 9" Spacing, Adjustable Constant Pressure Hydraulic, Heavy-Duty 6" Bell Diameter Ductile Iron Spools, 1-¾" Diameter Round Alloy Tie Rod with Maintenance-Free PEER® TILLXTREME™ Bearings, C-Type Rock-Flex™ Bearing Arms 1-¼" x 2-½"			
Shanks	Combination (3) Spring Reset Parabolic Sub-Soil Shanks, 3000 lb Point Load, 1-¼" x 4" Shank w/Wear Bar, 22" Trip Height, 39" Underframe Clearance, 16" Working Depth and (4) Heavy-Duty Chisel Shanks, 1200 lb Point Load, 1-¼" x 3" Shank w/Wear Bar, 21" Trip Height, 37" Underframe Clearance, 12" Working Depth or All Spring Reset Sub-Soil Shanks 3,000 lb Point Load, 1-¼" x 4" Shank Size w/Wear Bar, 21" Trip Height, 39" Underframe Clearance 16" Working Depth or All Heavy-Duty Spring Reset Chisel Shanks 1,200 lb Point Load, 1-¼" x 3" Shank Size w/Wear Bar, 20" Trip Height, 39" Underframe Clearance 12" Working Depth			
Points	Double K® Cast Chromium Carbide, 7" Wing Ripper Point or Double K® 2-½" Cast Chromium Carbide, Straight Ripper Point			
Main Frame Wheels	(4) 12.5L x 16 14-Ply, Walking Beams, Slip-In Spindles 8-Bolt Heavy-Duty Hubs		360/65R17.5 High Floatation Tires, 8-Bolt Heavy-Duty Hubs	
Wing Frame Wheels	Not Applicable		(1) 9.5L x 15" 8-Ply per Wing 6-Bolt Heavy-Duty Bolts	
Hydraulic Rear Disc Conditioner	Maintenance-Free, Double Angular Contact Bearing, 6-Bolt Hub for Blades Front Beam: 24" x 6 Gauge, Fluted Disc Blades, 18" Blade Spacing Rear Beam: 24 x 6 Gauge, Fluted Disc Blades and Smooth Taper Blades, 12" Blade Spacing Rear Beam: Center-Mounted 4-Lobe Feathering Blades, Reversed Tandem Design			
Hydraulic 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	39 - 47 ENG HP/shank (29 - 35 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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