

Technical Specifications

Challenger Series

	CHALLENGER OL 7E	CHALLENGER OL 8E	CHALLENGER OL 9E	CHALLENGER OL 10	CHALLENGER OL 11E	CHALLENGER OL 12
Number of bottoms per side	7 (4+3)	8 (5+3)	9 (5+4)	10 (6+4)	11 (8+3)	12 (8+4)
Extendable by one bottom	Yes, at front	Yes, at rear	Yes, at front	No	Yes, at rear	No
Standard moldboards	L : Wide helicoidal					
Hydraulic rollover with 2 cylinders	Standard					
Minimum allowable power	190 hp (139 kW)	215 hp (159 kW)	245 hp (179 kW)	270 hp (198 kW)	297 hp (219 kW)	324 hp (241 kW)
Maximum tractor power	287 hp (211 kW)	328 hp (245 kW)	370 hp (276 kW)	270 hp (198 kW)	450 hp (336 kW)	485 hp (362 kW)
Approximate machine weight for T version	8,289 lbs (3,760 kg)	8,924 lbs (4,048 kg)	9,559 lbs (4,336 kg)	12,262 lbs (5,562 kg)	10,829 lbs (4,912 kg)	11,464 lbs (5,200 kg)
Approximate machine weight for NSH version	9,061 lbs (4,110 kg)	9,762 lbs (4,428 kg)	10,463 lbs (4,746 kg)	11,164 lbs (5,064 kg)	11,865 lbs (5,382 kg)	12,566 lbs (5,700 kg)
Working width	14", 16", or 18" (35, 40, or 45 cm) delivered at 16" (40 cm)					
Underbeam clearance	31.5" (80 cm)					
Point to point clearance	40" (102 cm)					
On-land hitch kit	Standard					
Tires	400/55-22.5					
Two-wheel undercarriage with suspension for transport	Standard					
Sequencing valve - combines lift and rollover functions	Standard					
Hitch	Cat. 3 with cross-shaft					
Beam dimensions	8.7" x 8.7" (220 x 220 mm)					
Offset and angling adjustment	Hydraulic					

Technical Specifications					Vari-Leader Series	
	VARI-LEADER 6E	VARI-LEADER 7E	VARI-LEADER 8	VARI-LEADER OL 6E	VARI-LEADER OL 7E	VARI-LEADER OL 8
Number of bottoms per side	6	7	8	6	7	8
Extendable by one bottom	Yes	Yes	No	Yes		No
Standard moldboards	L : Wide helicoidal			L : Wide helicoidal		
Hydraulic rollover with 2 cylinders	Standard			Standard		
Minimum allowable power	135 hp (101 kW)	158 hp (116 kW)	180 hp (132 kW)	135 hp (101 kW)	158 hp (116 kW)	180 hp (132 kW)
Maximum tractor power	270 hp (198 kW)	315 hp (235 kW)	360 hp (268 kW)	270 hp (198 kW)	315 hp (235 kW)	360 hp (268 kW)
Approximate machine weight for NSH version	8,487 lbs (3,850 kg)	9,402 lbs (4,265 kg)	10,273 lbs (4,660 kg)	8,487 lbs (3,850 kg)	9,402 lbs (4,265 kg)	10,273 lbs (4,660 kg)
Working width	14" - 22" (35 - 56 cm) hydraulically adjustable			14" - 22" (35 - 56 cm) hydraulically adjustable		
Underbeam clearance	31.5" (80 cm)			31.5" (80 cm)		
Point to point clearance	40" (102 cm)			40" (102 cm)		
On-land hitch kit	Standard			Standard		
Tires	500/45-22.5			500/45-22.5		
Sequencing valve - combines lift and rollover functions	Standard			Standard		
Hitch	Cat. 3 with cross-shaft			Cat. 3 with cross-shaft		
Beam dimensions	7.1" x 7.1" (180 x 180 mm)			7.1" x 7.1" (180 x 180 mm)		
Offset and angling adjustment	Hydraulic			Hydraulic		
Side transport and depth wheel	Standard			Standard		

Technical Specifications

Vari-Manager Series

	VARI-MANAGER 5E	VARI-MANAGER 6E	VARI-MANAGER 7E	VARI-MANAGER 8
Number of bottoms per side	5 (3+2)	6 (4+2)	7 (4+3)	8 (5+3)
Extendable by one bottom	Yes, at rear	Yes, at front		No
Standard moldboards	L : Wide helicoidal			
Hydraulic rollover with 2 cylinders	Standard			
Minimum allowable power	110 hp (81 kW)	132 hp (97 kW)	154 hp (113 kW)	176 hp (130 kW)
Maximum tractor power	150 hp (110 kW)	180 hp (132 kW)	210 hp (155 kW)	240 hp (175 kW)
Approximate machine weight for NSH version	6,945 lbs (3,150 kg)	7,716 lbs (3,500 kg)	8,487 lbs (3,850 kg)	9,259 lbs (4,200 kg)
Working width	12" - 20" (30 - 51 cm) hydraulically adjustable			
Underbeam clearance	31.5" (80 cm)			
Point to point clearance	40" (102 cm)			
Tires	400/55-17.5			
Two-wheel undercarriage with suspension for transport	Standard			
Sequencing valve - combines lift and rollover functions	Optional			
Hitch	Cat. 2 with cross-shaft			
Beam dimensions	7.1" x 7.1" (180 x 180 mm)			
Offset and angling adjustment	Hydraulic			

Technical Specifications			Vari-Challenger Series
	VARI-CHALLENGER OL 8E	VARI-CHALLENGER OL 9E	VARI-CHALLENGER OL 10
Number of bottoms per side	8 (5+3)	9 (5+4)	10 (6+4)
Extendable by one bottom	Yes, at rear	Yes, at front	No
Standard moldboards	L : Wide helicoidal		
Hydraulic rollover with 2 cylinders	Standard		
Approximate machine weight for NSH version	14,092 lbs (6,392 kg)	14,974 lbs (6,792 kg)	15,856 lbs (7,192 kg)
Working width	14" - 22" (35 - 56 cm) hydraulically adjustable		
Underbeam clearance	31.5" (40 cm)		
Point to point clearance	40" (102 cm)		
On-land hitch kit	Standard		
Tires	400/70-24		
Two-wheel undercarriage with suspension for transport	Standard		
Sequencing valve - combines lift and rollover functions	Standard		
Hitch	Cat. 3 with cross-shaft		
Beam dimensions	8.7" x 8.7" (220 x 220 mm)		
Offset and angling adjustment	Hydraulic		
Adjustable depth wheel with tire	Standard		

Technical Specifications

Multi-Leader Series

	MULTI-LEADER XT 7E	MULTI-LEADER XT 8	MULTI-LEADER XT 8E	MULTI-LEADER XT 9	MULTI-LEADER XT OL 7E	MULTI-LEADER XT OL 8	MULTI-LEADER XT OL 8E	MULTI-LEADER XT OL 9
Number of bottoms per side	7 (3+4)	8 (3+4+1)	8 (4+4)	9 (4+4+1)	7 (3+4)	8 (3+4+1)	8 (4+4)	9 (4+4+1)
Extendable by one bottom	Yes	No	Yes	No	Yes	No	Yes	No
Standard moldboards	L : Wide helicoidal				L : Wide helicoidal			
Hydraulic rollover with 2 cylinders	Standard				Standard			
Minimum allowable power	180 hp (132 kW)	200 hp (147 kW)		220 hp (162 kW)	180 hp (132 kW)	200 hp (147 kW)		220 hp (162 kW)
Maximum tractor power	315 hp (232 kW)	360 hp (265 kW)		405 hp (298 kW)	315 hp (232 kW)	360 hp (265 kW)		405 hp (298 kW)
Approximate machine weight for T version	9,257 lbs (4,199 kg)	9,802 lbs (4,446 kg)	9,985 lbs (4,529 kg)	10,529 lbs (4,776 kg)	10,536 lbs (4,779 kg)	11,265 lbs (5,109 kg)	11,263 lbs (5,109 kg)	11,808 lbs (5,356 kg)
Approximate machine weight for NSH version	9,894 lbs (4,488 kg)	10,525 lbs (4,776 kg)	10,708 lbs (4,857 kg)	11,338 lbs (5,143 kg)	11,173 lbs (5,068 kg)	11,990 lbs (5,437 kg)	11,987 lbs (5,437 kg)	12,617 lbs (5,723 kg)
Working width	14", 16", 18", or 20" (35, 40, 45, or 50 cm) delivered at 16" (40 cm)				14", 16", 18", or 20" (35, 40, 45, or 50 cm) delivered at 16" (40 cm)			
Underbeam clearance	31.5" (80 cm) T, 33.5" (85 cm) NSH				31.5" (80 cm) T, 33.5" (85 cm) NSH			
Point to point clearance	40" (102 cm)				40" (102 cm)			
Tires	500/60-22.5 (single wheel)				500/60-22.5 (single wheel)			
Sequencing valve - combines lift and rollover functions	Standard				Standard			
Hitch	Cat. 3 with cross-shaft				Cat. 3 with cross-shaft			
Beam dimensions	7.1" x 7.1" (180 x 180 mm)				7.1" x 7.1" (180 x 180 mm)			
Offset adjustment	Hydraulic				Hydraulic			
Side transport and depth wheel	Standard				Standard			