



Count on it.

Reelmaster® Frames

5 or 7 Unit Transport Frame, 11 Unit Lift Frame

REELMASTER FRAMES

Reelmaster frames give you economical options that afford you flexibility, maneuverability and transport ease. Proven, ground driven Reelmaster 5, 7 or 11 blade Cutting Units provide the finishing touch - a quality of cut you've come to expect



Reelmaster® Frames & Cutting Units Specifications*

REELMASTER TRANSPORT FRAME			
	5 UNIT, MODEL 33455		7 UNIT, MODEL 33457
CUTTING CAPACITY	6.7 acres/h (2.7 hectares/h) @ 5.5 mph (8.8 km/h) Assumes no reduction in total area mowed due to overlap, turning, stops, etc.		9.4 acres/h (3.8 hectares/h) @ 5.5 mph (8.8 km/h). Assumes no reduction in total area mowed due to overlap, turning, stops, etc.
LIFTING MECHANISM	Hydraulic lift - 1st, 2nd and 3rd cutting units operate together. Cutting units 4 and 5 (and optional 6 and 7) operate individually.		
MAIN FRAME	Tubular and structural steel; bolted and electrically welded construction.		
WING LIFT ARMS	Tubular steel, reinforced welded construction.		
AXLE ASSEMBLY	Implement type. Maximum load capacity is 4940 lbs. (2241 kg) at maximum tire inflation of 28 psi (1.9 bars).		
TRAILER TRANSPORT WHEELS	6 bolt, 15 x 8" implement style wheels with 11L-15, 6-ply rating implement rib tires. Recommended tire pressure: 24-28 psi (1.6-1.9 bars).		
TRAILER TONGUE	Tubular and structural steel; welded construction. Trailer clevis is adjustable to 3 positions.		
CONTROL TOWER	Adjustable to 12.5" (32 cm) fore/aft and 7" (18 cm) up and down; controls are operable from tractor seat.		
JACK	Side-screw type trailer jack. 10" (25.4 cm) stroke. Stores inside trailer tongue when not in use. Load capacity: 2200 lbs. (998 kg).		
HYD. SYSTEM CAPACITY	2 gallons (7.6 liters) hydraulic oil with cylinders retracted.		
HYD. SYSTEM COUPLERS	Quick-disconnect coupler for easy hook-up to tractor.		
HYDRAULIC VALVE	Heavy duty directional control valve, parallel circuit open center, stack design. Cast iron valve bodies with hardened spools and plated for corrosion protection. Primary relief valve [approx. 1500 psi (103.4 bars)] shim adjustable. Relief valve prevents excess pressure build-up in the hydraulic system and safeguards the hydraulic pump and hoses.		
HYDRAULIC CYLINDERS	Tie rod construction, 3" (7.6 cm) bore, double-acting cylinders; chrome-plated rods 1.375" (3.5 cm) diameter for units 1, 2, and 3; and 1.125" (2.8 cm) diameter for units 4, 5, 6, and 7; all with precision finished bore in cylinder tubes.		
HYDRAULIC HOSES	SAE 100R7, two braid, 1/2" (12.7 mm) ID feed line hoses from tractor to valve body. SAE 100R7, two braid, 5/16" (7.9 mm) ID cylinder hoses from valve body to hydraulic cylinders.		
CUTTING UNITS	Reelmaster 5, 7 or 11-blade cutting units.		
FRAME DIMENSIONS	Transport Frame with Cutting Unit Tread Width: 68" (173 cm) Length: 150" (381 cm) Transport Width 7' 11" (241 cm) Mowing Width: 11' (335 cm) Transport Height: 58" (147 cm) Weight with Cutting Units: 2760 lbs. (1252 kg) Clearance: 71/2" (19 cm)		Transport Frame with Cutting Unit Tread Width: 68" (173 cm) Length: 150" (381 cm) Transport Width 7' 11" (241 cm) Mowing Width: 14' 4" (437 cm) Transport Height: 58" (147 cm) Weight with Cutting Units: 3560 lbs. (1615 kg) Clearance: 71/2" (19 cm)
OPTIONS	Conversion Kit, 18" (46 cm) Cutting Unit Wheels, P/N 51-3060: Using 18" (46 cm) semi-pneumatic cutting unit wheels. Kit is required for 6 & 7 position cutting units. Hitch Ball Couple Kit, P/N 53-9760: Coupler bolts directly to frame and replaces the standard clevis type hitch. Hydraulic System, Closed Center, Conversion Kit, P/N 48-1900: Pressure reducing valve, and hydraulic fittings to provide installation for tow tractors with closed center hydraulic systems. 5-7 Conversion Kit, Model 33452: consists of component parts to allow the installation of two additional cutting units.		
WARRANTY	Two-year limited warranty. Refer to the Operator's Manual for further details.		
REELMASTER UNIVERSAL FRAME			
FRAME UNITS	5 Unit — Model 33145 & 33155 (required)		7 Unit — Model 33145 & 33155 & 33165 (required)
CUTTING WIDTH (APPROX.)	5 Unit — 11' (335 cm)		7 Unit — 16' (488 cm)
CUTTING CAPACITY	Acres/hr at 5.5 mph (8.8 km/h): 7.2 (2.9 hectares)		Acres/hr at 5.5 mph (8.8 km/h): 10.5 (4.2 hectares)
OVERALL WIDTH IN CUTTING POSITION	Iron Wheel Mowers 12'4" (376 cm)	Rubber Wheel Mowers 12'8" (386 cm)	Iron Wheel Mowers 16'10" (513 cm) Rubber Wheel Mowers 17'2" (523 cm)
MAIN FRAME CONSTRUCTION	Reinforced structural steel and tubular steel welded construction.		
CUTTING UNIT	Reelmaster 5, 7 or 11-blade cutting units.		
OVERALL LENGTH	10' (304 cm).		

*Specifications and designs subject to change without notice.

Reelmaster® Frames & Cutting Units Specifications*

REELMASTER GANG MOWERS												
	5-BLADE, MODEL 01005				7-BLADE, MODEL 01007				11-BLADE, MODEL 01011			
TYPE OF MOWING	Reel Type: 16" (40.6 cm) wheels Application: Semi-formal Width of Cut: 30" (76.2 cm) Reel Type: 18" (45.7 cm) wheels Application: Informal (rough) Width of Cut: 30" (76.2 cm)				Reel Type: 16" (40.6 cm) wheels Application: Formal Width of Cut: 30" (76.2 cm)				Reel Type: 16" (40.6 cm) wheels Application: Super-formal Width of Cut: 30" (76.2 cm)			
HEIGHT OF CUT (HOC)	Reel Type: 16" (40.6 cm) wheels Recommended HOC Range: 1.25" - 2.25" (32 - 57 mm) Reel Type: 18" (45.7 cm) wheels Recommended HOC Range: 2" - 3" (51 - 76 mm)				Reel Type: 16" (40.6 cm) wheels Recommended HOC Range: .75" - 1.75" (19 - 45 mm)				Reel Type: 16" (40.6 cm) wheels Recommended HOC Range: .5" - 1.25" (13 - 45 mm)			
HOC ADJUSTMENT	Roller brackets adjust the height of cut, offering 53 individual settings in .040" (1 mm) increments.											
REEL CONSTRUCTION	8.0625" (20.4 cm) diameter with 5 medium carbon steel induction hardened blades. Blades are welded to seven, 7-gauge, steel spiders. 1.5" (3.8 cm) diameter shaft on tapered roller bearings with adjustment nut to compensate for bearing wear. Blade hardness at cutting edge is Rc 44-51.				8.0625" (20.4 cm) diameter with 7 medium carbon steel induction hardened blades. Blades are welded to seven, 7-gauge, steel spiders. 1.5" (3.8 cm) diameter shaft on tapered roller bearings with adjustment nut to compensate for bearing wear. Blade hardness at cutting edge is Rc 44-51.				7.0625" (18 cm) diameter with 11 medium carbon steel induction hardened blades. Blades are welded to seven, 7-gauge, steel spiders. 1.5" (3.8 cm) diameter shaft on tapered roller bearings with adjustment nut to compensate for bearing wear. Blade hardness at cutting edge is Rc 44-51.			
CHASSIS CONSTRUCTION	Ribbed cast iron gear cases with tubular cross member. Front cross member provides lift point for the cutting unit to all Toro Reelmaster Frames. Front cross member provides frame rigidity.											
REEL DRIVE	Two ground engaged wheels transmit power to gear train in both sides. Machine cut hardened steel gears and clutch idler gear; 75T ring gear to 10T pinion gear through 14T disengaging idler gear. All gears are sealed from dirt. Reel to wheel speed ratio: 7.5:1.											
DIFFERENTIAL	The differential provides disengaging overrunning idler gear in the gear train to disengage reel for free wheeling in turns and transport.											
AVERAGE CLIP FREQUENCY	Inch 1.28" 1.51"	mm 32.5 mm 38.3 mm	Wheel Dia. 16" (40.6 cm) 18" (45.7 cm)	Cuts/m 31 26	Inch .91"	mm 23.1 mm	Wheel Dia. 16" (40.6 cm)	Cuts/m 43	Inch .58"	mm 14.7 mm	Wheel Dia. 16" (40.6 cm)	Cuts/m 68
BEDKNIFE-TO-REEL ADJUSTMENT	Bedknife adjusts against reel positively with a single hand-controlled knob located at center of bedbar. Adjustment knob contains detent with .001" (.025 mm) movement of bedknife for each indexed position. No tools required. Top pivot points are greaseable.											
BEDKNIFE & BEDBAR	High carbon steel bedknife attached to a fabricated steel bar; single screw adjustment pivots at three points on vibration isolating bushings with eccentric shoulder bolt leveling adjustment. Bedknife hardness is Rc 40-51.											
CUTTING UNIT SUSPENSION	Drawbar attaches to two low pull points on cross tube. Chain pick up at center of cutting unit for transportation. System allows for flotation in all directions in mowing mode.											
REAR ROLLER	3.5" (8.9 cm) diameter steel roller has greaseable tapered roller bearings with a double lip oil seal and wear sleeve to help keep out grit and moisture. Roller brackets adjust the height of cut.											
BEARINGS	The reel, roller and wheels have adjustable tapered roller bearings.											
LUBRICATION	Gears and bearings are continuously lubricated from main reservoirs filled with 16 ounce (473 ml), 80-90 weight gear oil.											
FRAME APPLICATIONS	5 or 7 unit Reelmaster Transport Frame, 3 unit Reelmaster Lift Frame of 3, 5 or 7 unit Reelmaster Universal Frames. See Reelmaster Frame sales specification literature for more details.											

Reelmaster® Frames & Cutting Units Specifications*

OVERALL WEIGHTS[1] & DIMENSIONS (APPROXIMATE)					
	5-Blade Model 01005	7-Blade Model 01007	11-Blade Model 01011	Height	Wheel Tread Width
16" DIAMETER WITH SEMI-PNEUMATIC WHEELS, MODEL 01304	239 lbs. (108.4 kg)	244 lbs. (110.6 kg)	248 lbs. (112.5 kg)	16" (40.6 cm)	41.375" (105 cm)
16" DIAMETER WITH PNEUMATIC WHEELS, MODEL 01323	225.5 lbs. (102.2 kg)	230.5 lbs. (104.5 kg)	234.5 lbs. (106.3 kg)	16" (40.6 cm)	41.375" (105 cm)
16" DIAMETER WITH STEEL WHEELS, MODEL 01336	237 lbs. (107.5 kg)	242 lbs. (109.7 kg)	246 lbs. (111.6 kg)	16" (40.6 cm)	41.375" (105 cm)
18" DIAMETER WITH SEMI-PNEUMATIC WHEELS, MODEL 01035	252 lbs. (114.3 kg)	N/A	N/A	18" (45.7 cm)	45.5625" (114.7 cm)
OPTIONAL ACCESSORIES					
PART NO.		DESCRIPTION			
47-4540		Roller Scraper Kit			
47-5390 (11-BLADE) 51-0800 (5-BLADE, 7-BLADE)		Grass Dispersion Shield Kit			

[1] Weights exclude drawbars.



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Products depicted in this brochure are for demonstration purposes only.
Actual products offered for sale may vary.
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Bloomington, MN 55420-1196
GB Part No. 200-4423. Printed in U.S.A.
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