



## Reelmaster® 3100-D

The 3100-D triplex trim mower provides superb cutting, ultra comfort and ease of service – featuring a unique rear engine layout and optional Sidewinder™ cutting units.





# Reelmaster® 3100-D Specifications\*

	REELMASTER 3100-D, MODEL 03170	REELMASTER 3100-D, MODEL 03171 w/SIDEWINDER
<b>ENGINE</b>	Kubota® liquid-cooled diesel, 3-cylinder, 21.5 hp (16 kW) net @ 2500 RPM. High idle: 2,600 rpm, Low idle: 1,400 rpm (+/- 50 rpm). 68.5 cu. in. (1123 cm <sup>3</sup> ) displacement. Pressurized lubrication system with 3.5 U.S. qt. (3.3 liter) capacity. Heavy-duty, radial seal air cleaner. Fuel/water separator with visible bowl.	
<b>CONFIGURATION</b>	Rear mounted engine, front operator position. Rear mounted radiator. Two post ROPS and seat belt standard.	
<b>FUEL CAPACITY</b>	7.5 gallons (28 liters). Biodiesel-Ready for use up to B-20 (20% biodiesel and 80% petroleum blend).	
<b>TRACTION DRIVE</b>	Series/Parallel hydraulic traction circuit provides continuous 3-wheel drive, in mow and transport. Hydrostatic traction drive provides infinitely variable speed in forward and reverse. 6 gallon (23 liter) hydraulic system capacity.	
<b>GROUND SPEED</b>	Mow: 0-6 mph (0-10 km/h); Transport: 0-9 mph (0-14 km/h). Reverse: 0-4 mph. (0-6 km/h).	
<b>CONTROLS</b>	Forward and reverse traction control pedals, mow/transport lever, hand activated park brake, ignition key switch, tilt steering wheel lock, PTO switch, throttle, joystick control for cutting unit raise and lower (and for moving cutting units side-to-side on Sidewinder equipped models), cutting unit transport lock, reel speed and backlap control knob.	
<b>GAUGES</b>	Hour meter, fuel gauge, cluster gauge with glow plug and charge indicator lights, and low engine oil pressure and high coolant temperature warning lights (high temperature safety shut off).	
<b>ELECTRICAL &amp; INTERLOCKS</b>	12-volt, 585 cold cranking amps at 0° F (-18° C), 40 amps with regulator/rectifier. Traction pedal, operator presence in seat, PTO engage or disengage, and cutting unit mow or transport safety interlock switches.	
<b>TIRES</b>	Front: 20 x 12-10, 4-ply Turf Tread. Rear: 20 x 10-10, 4-ply Turf Tread	
<b>FRAME</b>	Formed steel, welded steel and steel tubing.	
<b>BRAKES</b>	Hydrostatic service brake, hand-operated parking brake.	
<b>STEERING</b>	Power steering with tilt steering wheel.	
<b>OVERALL DIMENSIONS</b>	Track Width: 55" (140 cm) Wheel Base: 56" (142 cm) Overall Length: 93" (248 cm)	Overall Height: 71" (180 cm) with ROPS Transport Width: 80" (203 cm) in 72" (183 cm) woc 92" (234 cm) in 85" (216 cm) woc Approx. Weight with Cutting units: 1860 lbs. (844 kg)
<b>CUTTING UNIT CONFIGURATION</b>	Fixed position cutting units.	Operator controlled moveable cutting units travel ±12" (30 cm) left or right from center; total of 24" (61 cm) of infinite variability.
<b>CUTTING UNIT OFFSET</b>	3" (7.6 cm) in 72" (183 cm) width of cut 10" (25 cm) in 85" (216 cm) width of cut	Maximum 15" (38 cm) in 72" (183 cm) width of cut. Maximum 22" (56 cm) in 85" (216 cm) width of cut.
<b>CERTIFICATION</b>	This product complies with the American National Standards Institute (ANSI B71-4 – 2012) and European Community specifications (CE Certified). EN ISO 5395.	
<b>WARRANTY</b>	Two-year limited warranty, refer to operators manual for details.	

	27" CUTTING UNITS (03180, 03181, 03183) / 32" CUTTING UNITS (03182)
<b>TYPE</b>	Three hydraulically-driven, balanced, 7" (17.8 cm) diameter reels. Cutting units interchangeable to all three positions.
<b>REEL BLADE OPTIONS</b>	5, 8, and 11-blade reels available for 27" (68.6 cm) cutting unit. 8-blade reels available for 32" (81.3 cm) cutting unit.
<b>HOC RANGE</b>	Height of cut ranges .25" to 2" (.63 - 5.1 cm) standard in floating position, 1.5" to 2.5" (3.8 - 6.4 cm) in fixed position.
<b>CUTTING WIDTH</b>	72" (183 cm), or 85" (216 cm) width of cut dependent on cutting unit selection.
<b>CLIP FREQUENCY/BACKLAPPING</b>	Manually controlled variable reel speed for adjustment of clip frequency. Standard on-board backlapping.
<b>BEDKNIFE-TO-REEL ADJUSTMENT</b>	Dual point adjustment (DPA) of bedknife to reel.
<b>ROLLERS</b>	Full roller standard on rear of cutting unit and plastic front Wiehle roller.

\*Specifications and design subject to change without notice. Products depicted in this literature are for demonstration purposes only. Actual products offered for sale may vary in use, design, required attachments and safety features. See distributor for details on all warranties.





# Reelmaster® 3100-D Accessories\*

CUTTING UNIT OPTIONS	
03180	27" (69 cm) 5-Blade DPA Cutting Unit
03181	27" (69 cm) 8-Blade DPA Cutting Unit
03183	27" (69 cm) 11-Blade DPA Cutting Unit
03184	27" (69 cm) Verticutter Cutting Unit
03182	32" (81 cm) 8-Blade DPA Cutting Unit

27" (69 CM) DPA CUTTING UNIT ACCESSORIES	
03186	Rear Roller Brush Kit
03185	Grass Basket Kit
114-9368	Rear Roller Scraper Kit
114-9372-03	Wiehle Roller Scraper
114-9376	Comb/Scraper Kit
119-0630	Shoulder Roller Asm
114-9381-03	Shoulder Roller Scraper
114-9383	Full Front Roller
114-9386-03	Full Front Roller Scraper
119-4286	Short Rear Roller Asm
115-0838	High HOC Brush
119-0646-03	Fixed Plate (2 per cutting unit)
119-0649	Trim/HD Collar Kit (6 per roller)
119-0635	RM3100 Tipper Roller Kit
98-1852	Gauge Bar

TRACTION UNIT ACCESSORIES	
30358	Bimini Canvas Sunshade
115-4754	myTurf® Wireless Hour Meter Assembly

32" (81 CM) DPA CUTTING UNIT ACCESSORIES	
03187	Rear Roller Brush Kit
115-8282	5-Blade Service Reel
114-9369	Rear Roller Scraper Kit
114-9373-03	Wiehle Roller Scraper
114-9377	Comb/Scraper Kit
115-0849	High HOC Brush
114-9384	Full Front Roller
114-9387-03	Full Front Roller Scraper
119-0640	Shoulder Roller Asm
114-9382-03	Shoulder Roller Scraper
119-4288	Short Rear Roller Asm
119-0646-03	Fixed Plate (2 per cutting unit)
119-0649	Trim/HD Collar Kit (6 per roller)
119-0635	RM3100 Tipper Roller Kit
98-1852	Gauge Bar

BEDKNIFE OPTIONS	
114-9388	Standard (27") - Production
114-9389	Standard (32") - Production
112-8910	EdgeMax™ (27")
112-8956	EdgeMax™ (32")
114-9390	Heavy-Duty (27")
114-9391	Heavy-Duty (32")
120-1641	Extended Low-Cut (27")
120-1642	Extended Low-Cut (32")

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