

**TORO**

# Reelmaster® 3100-D

## Small Area Reel Mower

### A MUST FOR ANY COURSE.

When you need a reel trim mower whose cutting quality and versatility is second to none, the Toro® Reelmaster® 3100-D is the clear choice. It's the only reel mower with Sidewinder® technology that slides the cutting units side-to-side, on the fly, to reach turf that other mowers can't. It's perfect for mowing around greens and bunkers where precision control is a must. Add the legendary Toro cutting units and triplex configuration, and the 3100-D is the best reel trim mower on the market.



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EdgeSeries™ Reels

### F E A T U R E S

- Kubota® 21.5 hp (16 kW) diesel engine
- Exclusive Sidewinder® cutting system
- 72" (183 cm) or 85" (216 cm) width of cut
- Series/Parallel™ 3WD

**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 cc) 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% diesel 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 (03188, 03189, 03190) / 32" CUTTING UNITS (03191)	
<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.



CUTTING UNIT OPTIONS	
03188	27" (69 cm) 5-Blade DPA Cutting Unit
03189	27" (69 cm) 8-Blade DPA Cutting Unit
03190	27" (69 cm) 11-Blade DPA Cutting Unit
03203	27" (69 cm) Verticutter Cutting Unit
03191	32" (81 cm) 8-Blade DPA Cutting Unit

27" (69 CM) DPA CUTTING UNIT ACCESSORIES	
03240	Universal Groomer
03778	27" (69 cm) Groomer Cartridge
03242	27" (69 cm) Universal RRB Kit
03243	Rear Roller Brush Kit
03244	End Weight Kit
132-7125	Broomer 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
03614	Golf Ball Guard

TRACTION UNIT SUNSHADE	
30669	Universal Sunshade - White
30671	Universal Sunshade - Red
03248	Switch Panel
03247	Operator Cooling Fan
138-2700	Worklights
138-2699	Beacon
138-2993	Wire Harness
136-3315	Required Wheel Weight Kit

32" (81 CM) DPA CUTTING UNIT ACCESSORIES	
03246	Rear Roller Brush Kit
03244	End Weight Kit
133-0193	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
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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