

TORO®

Reelmaster® 3100-D

SMALL AREA REEL MOWER

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

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.

**EdgeSeries™ Reels**©2018 The Toro Company. All rights reserved. Rev. 1/18**Call your Toro distributor at 800-803-8676**

Reelmaster® 3100-D Specifications

| | REELMASTER 3100-D, MODEL 03170 | REELMASTER 3100-D, MODEL 03171 w/SIDEWINDER® |
|------------------------------------|--|--|
| ENGINE | 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) 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. | |
| CONFIGURATION | Rear mounted engine, front operator position. Rear mounted radiator. Two post ROPS and seat belt standard. | |
| FUEL CAPACITY | 7.5 gallons (28 liters). Biodiesel-Ready for use up to B-20 (20% biodiesel and 80% petroleum blend). | |
| TRACTION DRIVE | 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. | |
| GROUND SPEED | Mow: 0-6 mph (0-10 km/h); Transport: 0-9 mph (0-14 km/h). Reverse: 0-4 mph. (0-6 km/h). | |
| CONTROLS | 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. | |
| GAUGES | 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). | |
| ELECTRICAL & INTERLOCKS | 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. | |
| TIRES | Front: 20 x 12-10, 4-ply Turf Tread. Rear: 20 x 10-10, 4-ply Turf Tread | |
| FRAME | Formed steel, welded steel and steel tubing. | |
| BRAKES | Hydrostatic service brake, hand-operated parking brake. | |
| STEERING | Power steering with tilt steering wheel. | |
| OVERALL DIMENSIONS | 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) |
| CUTTING UNIT CONFIGURATION | 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. |
| CUTTING UNIT OFFSET | 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. |
| CERTIFICATION | This product complies with the American National Standards Institute (ANSI B71-4 – 2012) and European Community specifications (CE Certified). EN ISO 5395. | |
| WARRANTY | Two-year limited warranty, refer to operators manual for details. | |

| | 27" CUTTING UNITS (03188, 03189, 03190) / 32" CUTTING UNITS (03191) |
|------------------------------------|--|
| TYPE | Three hydraulically-driven, balanced, 7" (17.8 cm) diameter reels. Cutting units interchangeable to all three positions. |
| REEL BLADE OPTIONS | 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. |
| HOC RANGE | 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. |
| CUTTING WIDTH | 72" (183 cm), or 85" (216 cm) width of cut dependent on cutting unit selection. |
| CLIP FREQUENCY/ BACKLAPPING | Manually controlled variable reel speed for adjustment of clip frequency. Standard on-board backlapping. |
| BEDKNIFE-TO-REEL ADJUSTMENT | Dual point adjustment (DPA) of bedknife to reel. |
| ROLLERS | 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 |
| 03241 | 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 |

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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