# Reelmaster® 3100-D

SMALL AREA REEL MOWER

## FEATURES

- **Productivity** – *Triplex chassis design is highly maneuverable for quick, end-of-row turn arounds. 72" or 85" (183 or 216 cm) cutting widths in combination with up to a 6 mph (10 km/h) mowing speed make the Reelmaster 3100-D fast and effective.*
- **Superior Traction** – *The Series/Parallel 3-wheel drive system provides power to at least two wheels at all times. The result is impressive traction in hilly and wet conditions with minimal wheel slip so it's also gentle on the turf.*
- **Efficiency** – *Powered by a fuel efficient 21.5 hp (16 kW) Kubota® diesel engine, this Reelmaster model provides plenty of power for those challenging cutting conditions, even while operating groomers, rear roller brushes and veritcutters.*
- **Simplicity** – *The Reelmaster 3100-D utilizes a common platform design with other Toro mowers which can improve operator and technician efficiency.*
- **Lightweight Design** – *An ideal combination for turf friendliness, the lightweight and balanced chassis avoids unnecessary weight on your sensitive turf.*
- **Outstanding Quality of Cut** – *Dual Precision Adjustment (DPA) cutting units – featuring Toro's exclusive EdgeSeries™ reels combine to deliver a consistent, high quality cut and superior after-cut appearance, while reducing maintenance with improved reel edge retention.*

## An essential trim reel mower for any course.

When you need a reel trim mower whose versatility, performance and after-cut appearance is second to none, the Toro® Reelmaster® 3100-D is the clear choice. With Sidewinder® technology, Toro pioneered the ability to shift cutting units on the fly from side-to-side, reaching turf areas that other mowers simply cannot. It's ideal for mowing around greens and bunkers where conditions can be challenging but when precision control is an absolute must. Add a triplex chassis configuration and Toro's exclusive EdgeSeries™ cutting units and you get an exceptional performing, highly maneuverable reel trim mower that consistently delivers a superior after-cut appearance, day after day.

**EdgeSeries™ Reels**

©2026 The Toro Company. All rights reserved. Rev. 1/26

**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. Tier 4 and Stage V compliant. 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) Overall Height: 76" (193 cm) with ROPS<br>Wheel Base: 56" (142 cm) Transport Width: 80" (203 cm) in 72" (183 cm) WOC, 92" (234 cm) in 85" (216 cm) WOC<br>Overall Length: 93" (248 cm) | |
| **WEIGHT** | Approx. Weight with 27-inch Cutting Units: 1,860 lbs. (844 kg) | Approx. Weight with 27-inch Cutting Units: 1,950 lbs. (885 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<br>10" (25 cm) in 85" (216 cm) width of cut | Maximum 15" (38 cm) in 72" (183 cm) width of cut.<br>Maximum 22" (56 cm) in 85" (216 cm) width of cut. |
| **CERTIFICATION** | This product complies with the American National Standards Institute (ANSI B71-4 – 2017) and European Community specifications (CE Certified). EN ISO 5395. | |
| **WARRANTY** | Two-year limited warranty, refer to operators manual for details. | |

| | 27" CUTTING UNITS (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** | 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** | 8-Blade: 0.5"- 2.0" (13-51 mm), 11-Blade: 0.25"- 0.75" (6-19 mm) in floating position, 8-Blade: 1.25"- 2.0" (32-51 mm) 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.



The Reelmaster 3100-D is manufactured in Tomah, WI ISO 9002 Certified Plant.

# Reelmaster® 3100-D Accessories*

| TRACTION UNIT ACCESSORIES | |
|---|---|
| 115-4754 | Wireless Hour Meter Assembly |
| 30629 | Premium Seat |
| 127-2796 | Smooth Tire (front only) |
| 120-7639 | Smooth Tire (rear only) |
| 03614 | Golf Ball Guard |
| 31696 | LED Light Kit |

| TRACTION UNIT SUNSHADE | |
|---|---|
| 30669 | Universal Sunshade - White |
| 30671 | Universal Sunshade - Red |
| 30358 | Bimini Canvas Sunshade |
| 03248 | Switch Panel |
| 03247 | Operator Cooling Fan |
| 138-2700 | Worklights |
| 138-2699 | Beacon |
| 138-2993 | Wire Harness |
| 136-3315 | Required Wheel Weight Kit |

| CUTTING UNIT OPTIONS | |
|---|---|
| 03189 | 27" (69 cm) 8-Blade DPA Cutting Unit |
| 03190 | 27" (69 cm) 11-Blade DPA Cutting Unit |
| 03191 | 32" (81 cm) 8-Blade DPA Cutting Unit |
| 03203 | 27" (69 cm) Verticutter 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 |
| 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 |
| 137-6121 | Full Front Roller |
| 114-9386-03 | Full Front Roller Scraper |
| 119-4286 | Short Rear Roller Asm |
| 140-5514 | HD High HOC Brush |

| 32" (81 CM) DPA CUTTING UNIT ACCESSORIES | |
|---|---|
| 03246 | Rear Roller Brush Kit |
| 133-0193 | 5-Blade Service Reel |
| 114-9369 | Rear Roller Scraper Kit |
| 114-9373-03 | Wiehle Roller Scraper |
| 114-9377 | Comb/Scraper Kit |
| 140-5513 | HD High HOC Brush |
| 137-6127 | 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 |

| BEDKNIFE OPTIONS | |
|---|---|
| 147-1249 | Standard (27") - (03189, 03190) |
| 147-1250 | Heavy-Duty (27") (03192) |
| 147-1248 | Extended Low-Cut (27") |
| 112-8910 | EdgeMax™ (27") |
| 147-1253 | Standard (32") - (03191) |
| 147-1254 | Heavy-Duty (32") |
| 147-1252 | Extended Low-Cut (32") |

| CUTTING UNIT OPTIONS (27"/32") | |
|---|---|
| 03244 | End Weight Kit |
| 119-0649 | Trim/HD Collar Kit (6 per roller) |
| 119-0635 | RM3100 Tipper Roller Kit |
| 98-1852 | Gauge Bar |
| 04399 | Turf Evaluator |

*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.



The Reelmaster 3100-D is manufactured in Tomah, WI ISO 9002 Certified Plant.