

**TORO** Count on it.

## Reelmaster® 3100-D



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# A must for any course.

## Reelmaster 3100-D

- 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

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.



## Count on Performance

### Quality that won't quit.

The Reelmaster 3100-D features heavy-duty construction for the long haul. Formed steel and steel tube framing, welded steel construction, and high-carbon steel blades won't let you down.







## Left or right, you're never wrong.

Choosing the available Sidewinder cutting units gives the Reelmaster 3100-D versatility you won't find in any other reel mower. The operator can shift the Sidewinder cutting units up to 12" (30 cm) each direction for access under trees and other hard-to-reach places. This is especially handy around bunkers where you want a close cut but want to keep the tires away from the edges. Sidewinder also allows you to vary the tire tracking to prevent rutting and compaction in areas that are mowed with the same pattern.



The Triplex reel configuration on the 3100-D delivers a 72" (183 cm) or 85" (216 cm) width of cut.



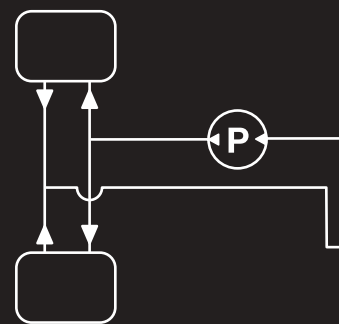
The Sidewinder-controlled cutting units can travel a full 24" (61 cm) from side to side.





## An all-around performer.

The Reelmaster® 3100-D has superior traction on rolling and hilly terrain, even with heavy early morning dew. The Series/Parallel™ 3-wheel drive system maintains power to a minimum of two wheels to prevent slippage and spinouts no matter where you are on the course. A 21.5 hp (16 kW), 3-cylinder Kubota® diesel engine provides smooth acceleration and consistent speed for a better cut. Its 9 mph (14 km/h) transport speed gets you around the course quickly.



The patented Series/Parallel traction system maintains power between the front and rear wheels.

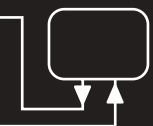


# Never sacrifice quality.

Toro® Reelmaster mowers are lauded for their quality of cut, and the 3100-D is no exception. Your choice of 5, 8 or 11-blade reels let you customize the cutting unit to fit a variety of applications. Variable reel speed adjustment offers even greater operator control while onboard backlapping helps keep blades sharp. All this comes in your choice of 72" (183 cm) or 85" (216 cm) cutting widths to keep you more productive.



Toro reels deliver a remarkable quality of cut — season after season.



Differential drive separates hydraulic power to drive wheels.





## A joy to drive.

Operators love driving the Reelmaster® 3100-D, and not just because of the innovative Sidewinder® feature. The unique all-out-front design gives the driver an unobstructed view of the cutting path. Plus, you don't have to sit on a hot engine all day long. Other comforts that make the workday more relaxing include power steering, a tilt steering wheel and a comfortable, adjustable seat.



A single joystick gives you easy, precise control of the cutting units.

## Accessories

The Reelmaster 3100-D can be customized for optimum performance on your course with a variety of available accessories.

Grass baskets



Rollers



Roller scrapers



Verti-cutting reels



## Effortless maintenance.

The Reelmaster 3100-D is as easy to maintain as it is to drive. The location of the engine gives you quick access to oil filters, air filters and other routine maintenance items.

The cutting units are also easy to service and maintain, including the center unit that moves into an easy-access position via the joystick control.





# Specifications for Reelmaster® 3100-D

## Engine

**Model:** Kubota® 3-cylinder  
**Rating:** 21.5 hp (16 kW) @ 2500 rpm net  
**Displacement:** 68.5 cu. in. (1123 cm<sup>3</sup>)  
**Fuel:** Diesel  
**Cooling:** Liquid

## Traction Unit

**Frame:** Formed steel, welded steel and steel tubing  
**Drive:** 3WD, hydrostatic, Series/Parallel™  
**Fuel capacity:** 7.5 gallons (28 liters)  
**Hydraulic capacity:** 6 gallons (23 liters)  
**Brakes:** Hydrostatic service brake, parking brake

## Tires

**Front:** 20 x 10-12, 4-ply, Turf Trac  
**Rear:** 20 x 12-10

## Ground Speed

**Mowing:** 0-6 mph (0-10 km/h)  
**Transport:** 0-9 mph (0-14 km/h)  
**Reverse:** 0-4 mph (0-6 km/h)

## Operating Station

**Steering:** Power, tilt  
**Seat:** Adjustable  
**Controls:** Traction control pedals, joystick for cutting unit raise/lower and Sidewinder®, transport lock, hand-activated reel speed and backlap control knob, PTO switch, throttle and mow/transport lever  
**Gauges:** Hour meter, fuel gauge, cluster with glow plug, charge, oil pressure and coolant temperature indicator lights

## Electrical

**Battery:** 12 volt, 585 cold cranking amps at 0° F (-18° C)  
**Alternator:** 40 amp with regulator/rectifier  
**Interlocks:** Operator in seat, PTO, cutting unit mow/transport, traction pedal

## Dimensions

**Wheelbase:** 56" (142 cm)  
**Length:** 93" (248 cm)  
**Track width:** 55" (140 cm)  
**Transport width:** 80" (203 cm) in 72" (183 cm) WOC;  
92" (234 cm) in 85" (216 cm) WOC  
**Height:** 71" (180 cm) with ROPS  
**Weight:** 1,860 lbs (844 kg) with Sidewinder

## Cutting Units

**Type:** Three 7" (17.8 cm) diameter reels, interchangeable  
**Sidewinder option:** Cutting units travel ± 12" (30 cm) left or right from center, 24" (61 cm) total travel  
**Blade options:** 5, 8, and 11-blade reels for 27" (68.6 cm) cutting unit, 5 and 8-blade reels available for 32" (81.3 cm) cutting unit  
**Height of cut:** Floating: 1/4-1 3/4" (6-45 mm), fixed: 1/2-2 5/8" (13-67 mm)  
**Width of cut:** 72" (183 cm), or 85" (216 cm)  
**Clip frequency:** Manually controlled, variable reel speed  
**Backlapping:** On-board, standard  
**Bedknife-to-reel adjustment:** Single point adjustment (SPA)  
**Rear rollers:** Full  
**Front rollers:** Full, Wiehle® sectional, or anti-scalp

**Certification:** ANSI B71.4-2004, CE certified  
**Warranty:** Two-year limited

## TORO® PROFESSIONAL SERVICES

**Toro Financing** A full service offering for all your equipment and irrigation purchases. Flexible financing options can be tailored to meet your operational needs.

**Toro Protection Plus Extended Protection Plan** Protect your budget and your equipment investment. Plans are available for both new and used equipment, and you can choose from various terms to fit your financing terms.

**Toro Genuine Parts** Keep the productivity and performance of your equipment at its peak. Learn about Performance Parts pricing and MVP kits. Find replacement parts online at [Toro.com/partsviewer](http://Toro.com/partsviewer).

**Toro Training** Toro Factory Service Schools are available. Explore the training and customer care areas of [Toro.com](http://Toro.com) and [ToroNSN.com](http://ToroNSN.com) for readily available education and training materials.

**Toro Controller Repair** Provides irrigation controller boards ready for immediate board exchange to assure that downtime is minimal and your turf stays protected. Toro is the choice for reliability.

**Toro NSN®** An industry-first support network that provides reliable, around-the-clock irrigation central control system trouble-shooting and operation assistance. Call 1-800-ASK-TORO.

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