



# Reelmaster® 2000-D Specifications\*

REELMASTER 2000-D, MODEL 03431	
<b>ENGINE</b>	Briggs & Stratton/Daihatsu®, 3-cylinder, liquid-cooled, OHV, diesel engine. 23 hp (17 kW) gross rated, 18.5 hp (14 kW) net @ 2950 rpm, 51.9 cu. in. (850 cc) displacement. Isolation mounted. Forced lubrication with spin-on oil filter. Mechanical centrifugal governor. Distributor type fuel injection pump. Fuel filter/water separator with replacement filter element. Heavy-duty remote mounted air cleaner. Side mounted industrial radiator, 7 fins per in.
<b>FUEL CAPACITY</b>	6.5 gallons (25 liters) diesel fuel. 2008 models Biodiesel-Ready for use up to B-20 (20% biodiesel and 80% petrol blend).
<b>TRACTION DRIVE</b>	Hydrostatic, closed-loop drive, variable displacement 1.24 cu. in. (19.7 cc) piston pump, infinitely variable in both forward and reverse directions. Front mounted oil cooler and shuttle valve provide positive closed-loop cooling. 2WD model uses two high-torque hydraulic 12 cu. in. (197 cc) wheel motors. 3WD models include a third high-torque hydraulic 12 cu. in. (197 cc) wheel motor. 3WD selector valve automatically shifts into 3WD when reels are engaged.
<b>GROUND SPEED</b>	Mowing speed: 0-5 mph (0-8 km/h). Transport speed: 0-8 mph (0-13 km/h). Reverse speed 0-3 mph (0-4.8 km/h).
<b>HYDRAULIC OIL CAPACITY/FILTER</b>	Remote mounted, 2.3 gallon (8.7 liter) oil reservoir. 10-micron remote mounted spin-on filter.
<b>TIRES/WHEELS</b>	Two front traction drive tires, 20 x 10-8 tubeless, 4-ply rating. Rear steering tire and tube, 20 x 8-8, 4-ply rating.
<b>MAIN FRAME</b>	Frame consists of formed steel, welded steel and steel tubing components.
<b>BRAKES</b>	Service braking accomplished through dynamic characteristics of hydrostat. Parking brake is actuated by ratchet hand lever.
<b>STEERING</b>	Pinion and sector gear with solid drag link to rear steer wheel arm.
<b>CONTROLS</b>	Single foot operated traction pedal for forward and reverse and adjustable traction pedal stop. Hand operated throttle, starter switch, reel engagement switch, cutting unit lift lever, parking brake and seat adjustment.
<b>GAUGES &amp; PROTECTION SYSTEMS</b>	Hour meter, 4 light warning cluster gauge: oil pressure, water temperature, amps and glow plug. High coolant temperature shutdown. Engine pre-heat incorporated into starter switch. Reel engage indicator light.
<b>ELECTRICAL FEATURES</b>	12-volt, group 55, 585 cold cranking amps at 0° F (-18° C), 95 minute reserve capacity at 80° F (27° C). Standard control module provides machine electrical diagnostics. 40 amp alternator with regulator/rectifier. Seat switch, PTO, parking brake, and traction interlock switches.
<b>OVERALL DIMENSIONS</b>	Wheel tread width: 54.5" (138 cm). Wheelbase: 55" (140 cm). Overall length (includes out front hoses): 96" (244 cm). Overall width: RM2000-D with 27" (68.6 cm) cutting units: 76.5" (194 cm), with 32" (81 cm) cutting units: 89.5" (227 cm). Transport width: RM2000-D with 27" (68.6 cm) cutting units: 72" (183 cm), with 32" (81 cm) cutting units: 85" (216 cm). Overall height (top of steering wheel): 44" (112 cm).
<b>CERTIFICATION</b>	The Reelmaster 2000-D complies with the American National Standards Institute (ANSI B71.4 - 1999) and European Community (CE) specifications with required ballast installed.
<b>WARRANTY</b>	Two-year limited warranty, refer to Operator's Manual for details.

CUTTING UNITS	
<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. 5 and 8 blade reels available for 32" (81.3 cm) cutting unit.
<b>HOC RANGE</b>	Height of cut ranges .25" to 1.75" (.6 - 4.4 cm) standard in floating position, .5" to 2.625" (1.2 - 7 cm) in fixed position. Maximum 3" (7.6 cm) height of cut (approximate) in floating position when configured with heavy duty Wiehle® roller and optional front roller brackets.
<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>	Single point adjustment (SPA) of bedknife to reel.
<b>ROLLERS</b>	Full roller standard on rear of cutting unit. Front roller options: full, Wiehle®, sectional, or anti-scalp (for fixed position cutting units).

\*Specifications and design subject to change without notice.

The Reelmaster 2000-D is manufactured in Tomah, WI ISO 9002 Certified Plant.

