



# Reelmaster® 3100-D Specifications\*

	REELMASTER 3100-D, MODEL 03206	REELMASTER 3100-D, MODEL 03207 w/SIDEWINDER
<b>ENGINE</b>	Kubota® liquid-cooled diesel, 3-cylinder, 21.5 hp (16 kW) net @ 2500 RPM. 68.5 cu. in. (1123 cm <sup>3</sup> ) 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). 2008 models Biodiesel-Ready for use up to B-20 (20% biodiesel and 80% petrol 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 10-12, 4-ply Turf Trac. Rear: 20 x 12-10	
<b>FRAME</b>	Formed steel, welded steel and steel tubing.	
<b>BRAKES</b>	Hydrostatic service brake, 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 – 1999) and European Community specifications (CE Certified).	
<b>WARRANTY</b>	Two-year limited warranty, refer to operators 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 .375" to 1.75" (.9 - 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).

	SUNSHADE
<b>BIMINI CANVAS</b>	Model 30358

\*Specifications and design subject to change without notice.

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

