



Reelmaster® 3100-D Specifications*

	REELMASTER 3100-D, MODEL 03206	REELMASTER 3100-D, MODEL 03207 W/SIDEWINDER
ENGINE	Kubota® liquid-cooled diesel, 3-cylinder, 21.5 hp (16 kW) net @ 2500 RPM. 68.5 cu. in. (1123 cm ³) 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)	
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 10-12, 4-ply Turf Trac. Rear: 20 x 12-10	
FRAME	Formed steel, welded steel and steel tubing.	
BRAKES	Hydrostatic service brake, 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 – 1999) and European Community specifications (CE Certified).	
WARRANTY	Two-year limited warranty, refer to operators manual for details.	

	CUTTING UNITS
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. 5 and 8 blade reels available for 32" (81.3 cm) cutting unit.
HOC RANGE	Height of cut ranges ¼" to 1¾" (6 - 45 mm) standard in floating position, ½" to 2 5/8" (13 - 67 mm) 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.
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	Single point adjustment (SPA) of bedknife to reel.
ROLLERS	Full roller standard on rear of cutting unit. Front roller options: full, Wiehle®, sectional, or anti-scalp (for fixed position cutting units).

	SUNSHADE
BIMINI CANVAS	Model 30358

* Specifications and design subject to change without notice.

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

