



# Reelmaster® 3100-D Specifications\*

|                                    | REELMASTER 3100-D, MODEL 03200   | REELMASTER 3100-D, MODEL 03201 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)  |  |
| <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)<br>Wheel Base: 56" (142 cm)<br><br>Overall Length: 93" (248 cm)  | Overall Height: 71" (180 cm) with ROPS<br>Transport Width: 80" (203 cm) in 72" (183 cm) woc<br>92" (234 cm) in 85" (216 cm) woc<br><br>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<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.   |
| <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 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. |
| <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 3100-D is manufactured in Tomah, WI ISO 9002 Certified Plant.

