Groundsmaster® 3500-D/3505-D

SMALL AREA ROTARY MOWERS

FEATURES

- *Sidewinder® cutting system (3500-D)*
- *Three 27" (69 cm) Contour™ Plus free-floating cutting units with rear rollers*
- *68" (173 cm) cutting swath (3500-D)*
- *6.5" (16.5 cm) cutting unit overlap to eliminate streaking (3500-D)*
- *Series/Parallel™ 3-wheel drive traction system (3500-D)*
- *24.8 hp (18.5 kW) Kubota® diesel engine (3500-D/3505-D)*

Meet the overachiever.

Its performance is way bigger than its size. The Toro Groundsmaster 3500 Series gives you the precision trimming you would expect from a reel mower, with the easy maintenance of a rotary mower, making it a smart addition to any mowing fleet. Its full-time 3-wheel drive system senses slippage and shifts the power to at least two wheels at all times, maintaining traction under tough, wet conditions. Now areas that used to require two different machines can be maintained with one highly-efficient Groundsmaster.



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Call your Toro distributor at 800-803-8676

Groundsmaster® 3500-D Specifications

	GROUNDSMASTER 3500-D, MODEL 30807*
ENGINE	Kubota® 3-cylinder, liquid-cooled diesel. Power: 22.9 hp (17.1 kW) gross, at rated speed of 3000 rpm. Torque peak: 49.6 ft·lb (67.3 N·m) @ 2200 rpm. Displacement: 1123cc. Remote-mounted 5" Donaldson® air cleaner. Fuel filter/water separator. Oil capacity 4 quarts (3.8 liters) with standard oil filter. Rear-mounted, cross flow 4-row radiator. EPA Tier IV Final and Stage V compliant.
FUEL CAPACITY	11 gallons (42 liters). Biodiesel-Ready for use up to B-20 (20% biodiesel and 80% petroleum blend).
CONFIGURATION	Rear mounted engine, front operator position. Two post ROPS, seat belt and slope indicator standard. Sidewinder® cutting unit system.
TRACTION DRIVE	3-wheel drive in mow and transport. Series/Parallel™ hydrostatic, closed-loop transmission provides infinitely variable ground speed in forward and reverse. Variable displacement piston type pump.
GROUND SPEED/CLEARANCE	Mow: 0-6 mph (0-10 km/h), mow speed is factory preset at 6 mph but is adjustable; Transport: 0-9 mph (0-14 km/h); Reverse: 0-4 mph (0-6 km/h). Ground Clearance: 6" (15.3 cm).
CONTROLS	Forward and reverse traction control pedals; mow/transport foot lever; hand activated parking brake; hand operated ignition key switch; tilt steering wheel lock; PTO switch; throttle; joystick control for deck raise and lower; cutting deck transport lock.
GAUGES & DIAGNOSTICS	Fuel gauge and hour meter, light cluster with glow plug and charge indicator lights, low engine oil pressure and high coolant temperature warning lights (high temperature safety shut off).
ELECTRICAL & INTERLOCKS	Traction pedal, operator presence in seat, PTO engage or disengage, and cutting deck mow or transport safety interlock switches. Parking brake set prohibits movement through traction pedal. 40 amp alternator and 12-volt, 585 CCA battery.
HYDRAULICS	Open center, manual valves, gear pump hydraulic system. System capacity approximately 3.5 gallon (13.2 liter) reservoir.
STEERING	Hydraulic power steering, tilt wheel.
TIRES/WHEELS	20 x 10-10, 4-ply rating, Turf Tread rear tire. 20 x 12-10, 4-ply rating, Turf Tread Fronts.
BRAKES	Dynamic through hydrostatic transmission service brake. Hand actuated over center, drum type parking brake.
OVERALL DIMENSIONS	**Height** 76" (193 cm) with ROPS; **Length** 116" (295 cm); **Width** 71.8" (182cm) with standard 68" (173cm) width of cut; 75.8" (193cm) with optional 72" (183cm) width of cut; **Wheelbase** 59.5" (151 cm)
WEIGHT	2,110 lbs. (957 kg) with cutting units.
WARRANTY	Two-year limited warranty. Refer to operator's manual for further details.
CERTIFICATION	Complies with ANSI B71.4-2017 and EN5395.
	CUTTING DECKS
TYPE	3 Contour™ Plus 27" (69 cm) rear-discharge rotary with standard full-length striping rear rollers on each deck. Sidewinder® system allows all three decks to slide right and left 12" (30 cm) of center, 24" (61 cm) total travel. Mulching kit optional.
WIDTH OF CUT	68" (173 cm), standard and 72" (183 cm) optional. Deck overhang for trimming is 12" (30.5 cm) at 68" (173 cm) width of cut and 14" (35 cm) at 72" (183 cm). Overlap: 4.5" (11.4 cm) at standard width of cut.
HEIGHT OF CUT	0.75"-4" (1.9-10.2 cm) in 0.25" (.6 cm) increments. 3-position 0.030" (0.08 cm) incremental calibration
MOWING RATE**	At 68" (173 cm) width of cut, 4.1 acres/hr (1.7 hectares/hr)
CONSTRUCTION	10-gauge steel constructed chambers with 12-gauge welded reinforcements. Heavy-duty exoskeleton deck carrier frame, 1.5" (3.8 cm) square x .25" (.6 cm) wall tube with 7-gauge side supports protects deck shell from impact damage. Spindle support 3/16" (.48 cm) high-strength steel and 10-gauge exterior channels.
SPINDLE ASSEMBLY	Ductile cast iron spindle housing. Dual greaseable tapered roller bearings. 1.25" (3.2 cm) diameter solid cold finished steel spindle shaft. Splined connection between spindle shaft and deck motor. Welded blade retainer plus anti-scalp cups
GROUND FOLLOWING	6" (15 cm) anti-scalp cups on each blade.

TRACTION UNIT ACCESSORIES	
31696	Work Light Kit
30669	Universal Sunshade - White
30671	Universal Sunshade - Red
30358	Bimini Canvas Sunshade
03614	Golf Ball Operator Guard

CUTTING DECK ACCESSORIES	
104-5183	High Lift Blade
105-9810-03	Angle Sail Blade
107-0235-03	Atomic Blade
108-9026	Combo Blade
30836	Leaf Mulching Kit
137-6145	Sectional Rear Roller 27" (68.5 cm)
104-5168	Roller Scraper Kit

*Specifications and design subject to change without notice. Products depicted in this literature are for demonstration purposes only.
Actual products offered for sale may vary in use, design, required attachments and safety features. See distributor for details on all warranties.

***Assumes max mow speed and 100% efficiency. Actual mowing rates may vary depending on operator and conditions.

Groundsmaster® 3505-D Specifications

	GROUNDSMASTER 3505-D, MODEL 30849*
ENGINE	Kubota® 3-cylinder, liquid-cooled diesel. Power: 22.9 hp (17.1 kW) gross, at rated speed of 3000 rpm. Torque peak: 49.6 ft·lb (67.3 N·m) @ 2200 rpm. Displacement: 1123cc. Remote-mounted 5" Donaldson® air cleaner. Fuel filter/water separator. Oil capacity 4 quarts (3.8 liters) with standard oil filter. Rear-mounted, cross flow 4-row radiator. EPA Tier IV Final and Stage V Compliant.
FUEL CAPACITY	11 gallons (42 liters). Biodiesel-Ready for use up to B-20 (20% biodiesel and 80% petroleum blend).
CONFIGURATION	Rear mounted engine, front operator position. Two post ROPS, seat belt.
TRACTION DRIVE	2WD hydrostatic, closed-loop transmission provides infinitely variable ground speed in forward and reverse. Variable displacement piston type pump.
GROUND SPEED/CLEARANCE	Mow: 0-6 mph (0-10 km/h), mow speed is factory preset at 6 mph but is adjustable; Transport: 0-9 mph (0-14 km/h); Reverse: 0-4 mph (0-6 km/h). Ground Clearance: 6" (15.3 cm).
CONTROLS	Forward and reverse traction control pedals; mow/transport foot lever; hand activated parking brake; hand operated ignition key switch; tilt steering wheel lock; PTO switch; throttle; joystick control for deck raise and lower; cutting deck transport lock.
GAUGES & DIAGNOSTICS	Fuel gauge, engine coolant temperature gauge, and hour meter. Light cluster with glow plug and charge indicator lights, amp, low engine oil pressure and high coolant temperature warning lights (high temperature safety shut off).
ELECTRICAL & INTERLOCKS	Traction pedal, operator presence in seat, PTO engage or disengage, and cutting deck mow or transport safety interlock switches. Parking break set prohibits movement through traction pedal. 40 amp alternator and 12-volt, 585 CCA battery.
HYDRAULICS	Open center, manual valves, gear pump hydraulic system. System capacity approximately 3.5 gallon (13.2 liter) reservoir.
STEERING	Hydraulic power steering, tilt wheel.
TIRES/WHEELS	20 x 10-10, 4-ply rating, Turf Tread tires.
BRAKES	Dynamic through hydrostatic transmission service brake. Hand actuated over center, drum type parking brake.
OVERALL DIMENSIONS	**Height** 76.1" (193 cm) w/ROPS; **Length** 116" (295 cm); **Width** 75.8" (193cm) with standard 72" (183cm) width of cut; 71.8" (182cm) with optional 68" (173cm) width of cut; **Wheelbase** 59.5" (151 cm)
WEIGHT	2,110 lbs. (957 kg) with cutting units.
WARRANTY	Two-year limited warranty. Refer to operator's manual for further details.
CERTIFICATION	Complies with ANSI B71.4-2017 and EN5395.
	CUTTING DECKS
TYPE	3 Contour™ Plus 27" (69 cm) rear-discharge rotary with rear roller on each deck. Mulching kit optional.
WIDTH OF CUT	72" (183 cm), standard. Deck overlap 4.5" (11.4 cm) per side, overhang is 2" (5.1 cm).
HEIGHT OF CUT	.75-4" (1.9-10.2 cm) in .25" (.6 cm) increments.
MOWING RATE**	At 72" width of cut, 4.4 acres/hr (1.8 hectares/hr).
CONSTRUCTION	10-gauge steel constructed chambers with 12-gauge welded reinforcements. 1.5" (3.8 cm) square x .25" (.6 cm) wall tube with 7-gauge side supports. Spindle support 3/16" (.48 cm) high-strength steel and 10-gauge exterior channels.
SPINDLE ASSEMBLY	Ductile cast iron spindle housing. Dual greaseable tapered roller bearings. 1.25" (3.2 cm) diameter solid cold finished steel spindle shaft. Splined connection between spindle shaft and deck motor. Welded blade retainer plus anti-scalp cups
GROUND FOLLOWING	6" (15 cm) anti-scalp cups on each blade. On each deck: two 5" (12.7 cm) diameter front rollers, one 3" (7.6 cm) diameter rear roller.

TRACTION UNIT ACCESSORIES	
03229	3-Wheel Drive Kit
31692	Work Light Kit
30669	Universal Sunshade - White
30671	Universal Sunshade - Red
30358	Bimini Canvas Sunshade

CUTTING DECK ACCESSORIES	
104-5183	High Lift Blade
105-9810-03	Angle Sail Blade
107-0235-03	Atomic Blade
108-9026	Combo Blade
30836	Leaf Mulching Kit
104-5168	Roller Scraper Kit

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The Groundsmaster 3505-D is manufactured in Tomah, WI ISO 9002 Certified Plant.

THINK. LIVE. SAFELY