



Greensmaster® 3250-D Specifications*

GREENSMaster 3250-D, MODEL 04383																					
ENGINE	Briggs and Stratton®/Daihatsu® 850D tier 4 3-cylinder liquid-cooled diesel engine. 51.9 cu. in. (850 cc). Full pressure lubrication, oil filter. 21.0 hp (15.7 kW) at 3600 rpm, 14.5 +/- .5 hp (12.3 kW) at 2600 rpm. Engine governed to 2750 rpm high idle, 1500 rpm low idle (no load).																				
FUEL CAPACITY	6 gallons (22.7 liters). 2008 models Biodiesel-Ready for use up to B-20 (20% biodiesel and 80% petrol blend).																				
TRACTION DRIVE	Hydrostatic piston pump, closed loop system. Foot pedal forward and reverse; infinitely variable. Two front wheel orbit motors, 10.3 cu. in/rev displacement. 2 or 3 WD with ROPS.																				
GROUND SPEED	Forward-mowing speed is variable from 2-5 mph (3.2-8 km/h), adjusted by stop on pedal mechanism. Mow speed setting does not affect transport speed. Maximum Greensmaster 3250-D transport speed is 8.8 mph (14.4 km/h), may be reduced by adjusting stop in footrest pan without affecting mow speeds. Reverse is 2.5 mph (4.0 km/h) maximum.																				
TURF COMPACTION	10 psi (.68 bar) average at recommended minimum tire pressures, with a 200 lb. operator, and cutting units down.																				
STEERING	Power steering. Open center, non-load reacting steering valve with power beyond for raise/lower circuit and hydrostat charge circuit. 13.0" (33 cm) round steering wheel. No-tool quick adjust steering arm position, with arm motion allowing a wide range of operator sizes. Steering cylinder has 1.50" bore x 6.25" stroke with through shaft design for accurate straight line steering.																				
CONTROLS/GAUGES	Raise/lower-mow lever. Functional control lever (neutral, mow, transport). Foot operated traction drive and brakes. Hour meter and 4 bulb warning cluster. Hand operated choke, throttle. Mechanical engine speed control. Water in fuel warning light.																				
ELECTRICAL FEATURES	Maintenance-free 12-volt battery with 530 minimum cold cranking amps at 0° F (-17.7° C) and 85 minutes minimum reserve capacity at 85° F (29.4° C) 40 amp alternator, circuit fused at 40 amps. Ignition switch/key. Seat switch. High temperature engine kill override switch. Harness terminals, fuse slot, and console switch location available for optional lights installation.																				
SOUND LEVEL	<table border="1"> <thead> <tr> <th>GR3250-D</th> <th>Operator Ear</th> <th>At 25'</th> <th>At 75'</th> </tr> </thead> <tbody> <tr> <td>Reels Off</td> <td>83 dBA</td> <td>73 dBA</td> <td>62 dBA</td> </tr> <tr> <td>Reels On</td> <td>84 dBA</td> <td></td> <td></td> </tr> </tbody> </table>	GR3250-D	Operator Ear	At 25'	At 75'	Reels Off	83 dBA	73 dBA	62 dBA	Reels On	84 dBA										
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TIRES	Three 19 x 10.5-8, 2 ply pneumatic tubeless demountable and interchangeable. Smooth tread (approx. 1290 rev/mile). 8-12 psi front; 8-15 psi rear.																				
LEAK DETECTION	Turf Guardian™ optional.																				
BACKLAPPING	Standard equipment.																				
BRAKES	6" (15.2 cm) drum type mechanical with rack and pawl lock for parking.																				
SEAT	Contour seat with high backrest. 7" (17.8 cm) fore/aft slider adjustment with two mounting positions, allowing 9" (22.8 cm) total seat travel. Operator manual tube mounted on the seat back for easy access.																				
OPTIONAL ACCESSORIES	ROPS, 3WD kit, traction tire, thatching reels, spiker, tri-roller, turf evaluator, quiet muffler kit, armrest kit, leak detector kit, hose adapter kit, light kit, oil cooler kit, radiator screen kit, ground-following suspension kit, 19" wheel weight kit, 400 hour maintenance kit.																				
CERTIFICATION	Certified to meet ANSI specification B71.4-2004 and European CE standards.																				
WARRANTY	Two-year limited warranty. Refer to the Operator's Manual for further details. Briggs & Stratton provides a two-year commercial engine, and a lifetime Magnetron® ignition warranty.																				

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Greensmaster® 3250-D Specifications* (continued)

	8 BLADE DPA CUTTING UNITS, 04610 11 BLADE DPA CUTTING UNITS, 04611
TRACTOR	These cutting units will mount on any Toro riding Greensmaster.
HEIGHT OF CUT (HOC) RANGE	Cutting height is adjusted on front roller by two vertical screws and held by two locking cap screws. Bench HOC range is .062"-.297" (1.6-7.5 mm). With high HOC kit, range is .285-1" (7.3-25.4 mm). Effective HOC may vary depending on turf conditions and bedknife installed.
REEL WELDMENT	Reels are 5" (13 cm) in diameter, 21" (53.3 cm) in length. High carbon steel blades are welded to 5 stamped steel spiders, and heat treated to RC 48-54 hardness. The reel is ground for diameter and concentricity, and backgrind.
REEL BEARINGS	Two double row, self-aligning ball bearings, 30 +/- .1 mm inside diameter slip fit onto reel shaft with lock nut. Multiple seal barriers on both sides of bearing for added protection. Reel position maintained by a wave washer with no adjusting nut.
MAINTENANCE	No grease zerks, sealed bearing design eliminates daily maintenance.
REEL DRIVE	The reel weldment shaft is a 1.375" (35 mm) diameter tube with drive inserts permanently pressed in both ends. A replaceable floating coupler with an internal eight tooth spline is factory installed on the right end, and held in place by a snap ring. The floating coupler may be moved to the other end when the cutting unit is used on the GR3250-D front right position.
FRAME	Precision machined, die-cast aluminum cross member with two bolt-on die-cast aluminum side plates.
AGGRESSIVENESS	Aggressiveness stays constant throughout the life of the reel. Patented design.
BEDKNIFE	Replaceable single edged, high carbon steel bedknife austempered to RC 48-55, fastened to a machined cast iron bedbar with 13 screws. Tournament bedknife is standard.
BEDKNIFE ADJUSTMENT	Dual screw, indexed "click" adjustment to the reel; detents corresponding positively to .0007" (.018 mm) bedknife movement for each position.
FRONT & REAR ROLLERS	Front: Aluminum Wiehle®, 2.5" (6.4 cm) diameter with sealed bearings and through-shaft. Option between full, narrow-spaced and wide-spaced roller. Rear: Steel full, 2" (5.1 cm) diameter with sealed bearings and through-shaft.
GRASS SHIELD	Non-adjustable shield with adjustable cut-off bar to improve grass discharge from reel in wet conditions.
TOTAL WEIGHT	8-blade: 72 lbs. (32.7 kg) with aluminum Wiehle Roller. 11-blade: 75 lbs. (34.1 kg) with aluminum Wiehle Roller.

	DPA CUTTING UNIT OPTIONS					
	Part No.	Description	Height of Cut Range (REC)	Part No.	Description	Height of Cut Range (REC)
SERVICE BEDKNIVES	93-4262	Micro-Cut Bedknife	.062-.188" (1.6-4.8 mm)	93-4264	Lo-Cut Bedknife (1/8)	.188-1.00" (4.8-25.4 mm)
	108-4303	Extended Micro-Cut Bedknife	.062-.188" (1.6-4.8 mm)	94-6392	Hi-Cut Bedknife	.312-1.00" (7.9-25.4 mm)
	94-4263	Tournament Bedknife	.125-.375" (3.2-9.5 mm)	63-8600	Fairway Bedknife	.375-1.00" (9.5-25.4 mm)
	108-4302	Extended Tournament Bedknife	.125-.375" (3.2-9.5 mm)			
	FULL ROLLER	Model 04625. Set of three (3) 2.5" +/- .03" (6.35 cm) diameter, with sealed bearings and through-shaft (steel tube).				
NARROW-SPACED WIEHLE	Model 04626. Set of three (3) 2.5" +/- .03" (6.35 cm) diameter, .20" +/- .03" spacing with sealed bearings and through-shaft (aluminum).					
WIDE-SPACED WIEHLE	Model 04627. Set of three (3) 2.5" +/- .03" (6.35 cm) diameter, .93" +/- .03" spacing with sealed bearings and through-shaft (aluminum).					
SOLID STEEL ROLLERS	Model 04628. Set of one (includes machined solid steel Front Narrow Wiehle Roller & solid steel Full Rear Roller).					
DAMPENING ROLLER KIT	Model 04629. Set of one (equips one DPA cutting unit)					
GROOMER	Includes a set of three (3) grooming reels, 2.375" (6.03 cm) diameter, .028" (.71 mm) thick heat treated spring steel, operating at 3,000 RPM. Powered by a six (6) rib Poly-V-Belt. Model 04632. Kit contains three for GR3050/3100/3150. Model 04633. Kit contains three for GR3250-D.					
POWERED REAR ROLLER BRUSH	Model 04640. Includes three brush assemblies. Fits GR3050/3100/3150. Model 04641. Includes three brush assemblies. Fits GR3250-D.					
ROLLER SCRAPER KITS	P/N 108-6468. One front roller scraper (narrow-spaced Wiehle).			ADDITIONAL OPTIONS: P/N 106-6937. DPA Reel Seal Kit P/N 106-6923. Shim Model 04646. Rear Roller Scraper (DPA) P/N 107-3503-01. Grass Shield, Extended P/N 107-3510. Wiehle Roller, steel (DPA) P/N 107-9561. Roller Scraper (Dampening Roller Kit) P/N 114-4631. Rear Roller Brush Kit P/N 71-1550. Wiehle Roller, cast iron		
	P/N 110-3961. One front roller scraper (wide-spaced Wiehle).					
	P/N 110-3962. One front roller scraper (full roller).					
	P/N 110-3963. One front roller scraper w/brush (narrow-spaced Wiehle).					
	P/N 110-3964. One front roller scraper w/brush (wide-spaced Wiehle).					
	P/N 110-3965. One front roller scraper w/brush (full roller).					
	P/N 110-3966. One front roller scraper w/poly comb (narrow-spaced Wiehle).					
	P/N 110-3967. One front roller scraper w/poly comb (wide-spaced Wiehle).					
	P/N 110-3968. One front roller scraper w/poly comb (full roller).					
	P/N 112-9353. One rear roller scraper.					
HIGH HEIGHT OF CUT KIT	P/N 106-4699. For one cutting unit.					
5 BLADE HEAVY DUTY REEL	P/N 106-2626. One reel weld assembly.					
8 BLADE HEAVY DUTY REEL	P/N 107-9522. One reel weld assembly.					
GROOMER BRUSH ASSY.	P/N 112-9460. One brush.					

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The Greensmaster 3250-D is manufactured in Tomah, WI ISO 9002 Certified Plant.

