



Greensmaster® 3150-Q Specifications*

GREENSMaster 3150-Q, MODEL 04357	
ENGINE	18 hp (13.4 kW) Briggs & Stratton® gasoline engine, governed to 2850 rpm high idle, 1650 rpm low idle. Air cooled, 34.8 cu. in. (570 cc).
FUEL CAPACITY	7 gallon (26.5 liter) capacity; unleaded gasoline.
TRACTION DRIVE	2 or 3WD w/ROPS, hydrostatic piston pump closed loop system. Foot pedal forward and reverse; infinitely variable.
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 3150-Q 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	8-10 psi (dependent on tire pressure) with operator and cutting units down.
IMPLEMENT DRIVE	Single gear pump, mono valve block, series reel drive to 3 reel motors.
STEERING	Power steering. Adjustable steering wheel tilt and a 5-position steering arm tilt.
ELECTRICAL FEATURES	12-volt lead acid, group size U1, with 300 minimum cold cranking amps at 0° F and 34 minutes reserve capacity at 85° F/25 amps draw. 16 amp alternator. Ignition switch/key. Seat switch. Harness terminals and fuse slot available for optional lights installation.
CONTROLS/GAUGES	Raise/lower-mow lever (joystick). Functional control lever (neutral, mow, transport). Foot operated traction drive and brakes. Hour meter. Hand operated throttle and choke. Mechanical engine speed control.
TIRES/WHEELS/PRESSURE	Three tires: 18 x 9.50-8, 2-ply pneumatic, tubeless, demountable and interchangeable with smooth tread. Tire pressure: 8-12 psi (55-83 kPa). Optional Traction Tire (2-ply): P/N 231-127.
BRAKES	Two 6" (15.2 cm) drum type.
HYDRAULIC OIL	7.5 gallon (28.4 liter) tank with internal baffle. 1.0 gallon (3.8 liter) auxiliary tank.
LEAK DETECTION	Equipped with Turf Guardian™ leak detection system.
SOUND LEVEL	81 dB(A) at operator's ear under normal conditions.
OVERALL DIMENSIONS	Wheel Tread: 49.5" (149.9 cm), Wheel Base: 47" (119 cm), Length: 90" (229 cm), Width: 69.75" (177 cm) w/reels, Height: 48.5" (123 cm), Weight (no reels): 970 lbs. (440 kg).
WIDTH OF CUT	59" (150 cm)
REEL SPEED	Approximately 1975 RPM at 2850 engine RPM. Adjustable.
BACKLAPPING	Standard equipment.
CUTTING UNIT SUSPENSION	Cutting units are completely free-floating, each attaching to the tractor by direct pull links and lifted by a centered lift arm. Baskets are supported by carrier frames that are ground following. Cutting unit floatation is unaffected by basket content. Grass baskets are all interchangeable and accessible from the front of the machine.
OPTIONAL ACCESSORIES	3WD kit w/ROPS, traction tire, thatching reels, spiker, tri-roller, turf evaluator.
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.

8 BLADE DPA CUTTING UNITS, 04610 11-BLADE DPA CUTTING UNITS, 04611 14-BLADE CUTTING UNITS, 04616**	
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 on 8-blade & 11-blade cutting units. EdgeMax™ Microcut Bedknife is standard on 14-blade cutting unit.
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.

*Specifications and design subject to change without notice.
**Available Winter/Spring 2010, see your distributor for details.

The Greensmaster 3150-Q is manufactured in Tomah, WI ISO 9002 Certified Plant.





Greensmaster® 3150-Q Specifications* (continued)

GREENSMaster 3150-Q ACCESSORIES

TRACTION UNIT ACCESSORIES	
04474	3-Wheel Drive Kit
04496	Thatching Reel Kit
04494	Greens Spiker Kit
04495	Greens Tri-Roller Kit
106-6392	Regular dynaBLADES (set of 108)
106-5422	Thin dynaBLADES
95-5943	Thatching Reel Rear Roller Asm.
30707	Armrest Kit
231-127	Traction Tires
105-8258	ROPS Kit
108-6472	Variable Traction Speed Kit
105-8336	Light Kit
112-9177	Lamp
105-8339	Hydraulic Oil Cooler

ROLLER OPTIONS	
04626	Front Narrow Wiehle Roller (set of 3)
04627	Front Wide Wiehle Roller (set of 3)
04625	Front Full Roller (set of 3)
04628	Solid Steel Roller Kit (front Wiehle & rear steel rollers)
04629	Anti-Bobbing Roller
71-1550	Cast Iron Rear Wiehle Roller
107-3510	Steel Narrow Wiehle Roller
106-6945	Steel Rear Roller
114-4631	DPA Rear Roller Brush Adapter Kit
112-9294	DPA Rear Roller Extension Kit

CUTTING UNIT & REEL OPTIONS	
04610	8-Blade Cutting Unit
04611	11-Blade Cutting Unit
04616	14-Blade Cutting Unit
106-2626	5-Blade Heavy-Duty Reel
107-9522	8-Blade Heavy-Duty Reel
115-5370	14-Blade Reel

SCRAPER OPTIONS	
108-6468	Narrow Wiehle Roller Scraper
110-3961	Wide Wiehle Roller Scraper
110-3962	Full Roller Scraper
110-3963	Narrow Wiehle Roller Scraper Brush
110-3464	Wide Wiehle Roller Scraper Brush
110-3965	Full Roller Scraper Brush
110-3966	Narrow Wiehle Roller Scraper Comb
110-3967	Wide Wiehle Roller Scraper Comb
110-3968	Full Roller Scraper Comb
04646	Rear Roller Scraper (set of 3)
112-9353	Rear Roller Scraper
107-9561	Anti-Bobbing Roller Scraper Kit

BEDKNIFE & BEDBAR OPTIONS	
93-4262	Microcut Bedknife
93-4263	Tournament Bedknife – Standard on 04610/04611
93-4264	Low Cut Bedknife
94-6392	High Cut Bedknife
63-8600	Fairway Bedknife
108-4303	Extended Microcut Bedknife
108-4302	Extended Tournament Bedknife
115-1880	EdgeMax™ Microcut Bedknife
115-1881	EdgeMax™ Tournament Bedknife
112-7475	EdgeMax™ Fairway Bedknife
99-3794-03	Aggressive Bedbar
106-4699	High Height of Cut Kit

GROOMER OPTIONS	
04634	Groomer
117-1500	Grooming Brush
04640	Rotating Rear Roller Brush

OTHER CUTTING UNIT OPTIONS	
04399	Turf Evaluator
106-6923	Shim
107-3503-01	Extended Grass Shield
117-2725	MVP Kit – Hydraulic Hoses
Note: DPA Cutting Units on traction units F'03 and older require:	
105-5740	Lift Hook (1)
33115-025	Screws (2)

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