



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	
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.

*Specifications and design subject to change without notice.





Greensmaster® 3150-Q Specifications* (continued)

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 3150 is manufactured in Tomah, WI ISO 9002 Certified Plant.

