



Greensmaster® 3150-Q / 3250-D

RIDING GREENSMOWERS

FEATURES

Greensmaster 3150-Q:

- Briggs & Stratton® 18 hp (13.4 kW) air-cooled, gasoline engine
- Extremely quiet

Greensmaster 3250-D:

- Kubota® D902, 24.8 hp (18.5 kW) 3-cylinder, liquid-cooled, diesel engine
- Ample power for any greens or off-greens application; extremely versatile

Legendary performance and reliability.

The Greensmaster 3150-Q and 3250-D are distinguished for their field-proven performance and exceptional quality of cut. Equipped with patented DPA cutting units for a superior cut and minimal maintenance, convenient controls for easy operation, and ample power to handle any application – it's no wonder these classic models have been trusted over the years to deliver the performance golf courses demand with a putting surface that exceeds expectations.



Greensmaster® 3150-Q

Greensmaster® 3250-D

EdgeSeries™ Reels

Greensmaster® 3150-Q Specifications*

GREENSMASER 3150-Q, MODEL 04358	
ENGINE	18 hp (13.4 kW) @3600 rpm, Briggs & Stratton® air-cooled gasoline engine, governed to 2850 rpm high idle, 1650 rpm low idle.
FUEL CAPACITY	7 gallon (26.5 liter) capacity; unleaded gasoline.
TRACTION DRIVE	Hydraulic piston pump, closed loop system. 2WD Parallel Hydrostatic or optional 3WD Series Parallel 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.
TURF COMPACTION	8-12 psi (.55-.83 bar) (dependent on tire pressure) with operator and cutting units down.
IMPLEMENT DRIVE	Single gear pump, mono valve block, series reel drive to 3 motors.
STEERING	Power steering. Adjustable steering wheel tilt and a 5-position steering arm tilt.
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.
ELECTRICAL FEATURES	12-volt lead acid, group size U1, with 300 minimum cold cranking amps at 0° F. 16 amp alternator. Ignition switch/key. Seat switch. Harness terminals and fuse slot available for optional lights installation.
TIRES/WHEELS/PRESSURE	Three 18 x 10.5-8, 4-ply pneumatic tubeless demountable and interchangeable with smooth tread. 8-12 psi front; 8-15 psi rear. Optional Traction Tire (4-ply): P/N 119-3516.
BRAKES	Foot activated with two 6" (15.2 cm) drum type brakes mounted on the front wheel motors.
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	82 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: 69.7" (177 cm) w/reels, Height: 74.5" (189 cm), Weight: 1,087 lbs. (493 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.
ROPS	Roll Over Protection System standard.
CERTIFICATION	Certified to meet ANSI specification B71.4-2012 and European CE standards with appropriate kits installed.
WARRANTY	Two-year limited warranty. Refer to the Operator's Manual for further details.

	8 BLADE DPA CUTTING UNITS	11-BLADE DPA CUTTING UNITS	14-BLADE CUTTING UNITS
TRACTOR	These cutting units will mount on any Toro riding Greensmaster (excluding Greensmaster TriFlex™ models).		
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 .297-1.0" (7.5-25.4 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. EdgeSeries™ Reels blades are welded to 5 stamped steel spiders, and heat treated. The reel is ground for diameter and concentricity, and relief ground.		
REEL BEARINGS	Two stainless steel ball bearings, 30 +/- .1 mm inside diameter slip fit onto reel shaft retained by internally splined threaded insert. Low drag seals/slingers for added protection with o-ring sealed motor and counterweight. 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 internally splined threaded insert.		
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 regardless of reel or bedknife wear. Patented design.		
BEDKNIFE	Replaceable single edged EdgeMax™ Microcut Bedknife is standard.		
BEDKNIFE ADJUSTMENT	Dual screw, indexed "click" adjustment to the reel; detents corresponding to .0007" (.018 mm) bedknife movement for each position.		
FRONT & REAR ROLLERS	Front: Not included with cutting unit, purchased separately. Option between full, narrow-spaced and wide-spaced Wiehle 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 kg) with aluminum Narrow Wiehle Roller. 14-blade: 78 lbs. (35 kg) with aluminum Wiehle Roller.		

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Greensmaster® 3150-Q Accessories

GREENSMaster 3150-Q ACCESSORIES

TRACTION UNIT ACCESSORIES	
04476	3-Wheel Drive Kit
04479	Thatching Reel (Set of 1)
119-3516	Traction Tire – 18" (45.7 cm)
99-4506	Traction Tire – 20" (50.8 cm)
04554	Light Kit
131-2048	Rear work light kit
130-6536	Hydraulic Oil Cooler Kit
108-6472	Traction Speed Control Kit
104-6540	Spark Arrestor Screen
138-8579	Bimini Folding Shade
100-6442	2WD Weight Kit
99-1645	3WD Weight Kit
137-8130	Utility Bag Kit
133-1308	Seat cover
121-3658	RH Armrest
121-3660	LH Armrest
121-2058	Armrest Kit
115-4754	Wireless Hour Meter

ROLLER OPTIONS	
04255	Front Narrow Wiehle Roller (set of 1)
04256	Front Wide Wiehle Roller (set of 1)
04257	Front Full Roller (set of 1)
04628	Solid Steel Roller Kit (front Wiehle & rear steel rollers)
04629	Anti-Bobbing Roller Kit (front and rear)
71-1550	Cast Iron Rear Wiehle Roller
107-3514	Steel Wide Wiehle Roller
04258	Extended Narrow Wiehle Roller
04267	Narrow Wiehle Roller (for paspalum)
107-3510	Steel Narrow Wiehle Roller
120-9595	Steel Rear Roller (standard)
125-5180	DPA Rear Roller Extension Kit
120-9600	High Height of Cut Kit
04249	Split Full Front Roller
04250	Split Narrow Wiehle Roller

CUTTING UNIT OPTIONS	
04652	EgdeSeries™ 8-Blade Cutting Unit
04654	EgdeSeries™ 11-Blade Cutting Unit
04656	EgdeSeries™ 14-Blade Cutting Unit

GROOMER OPTIONS	
04648	Universal Groomer Drive (Set of 1)
04802	Groomer Reel
04270	Grooming Brush – Soft
04271	Grooming Brush – Stiff
106-2643	Groomer Pull Link Kit (Pre-2018 Models)
138-4976	Groomer Pull Link Kit (Post-2018 Models)

SCRAPER OPTIONS	
125-3503	Front Narrow Wiehle Roller Scraper
125-3504	Front Wide Wiehle Roller Scraper
125-3505	Front Full Roller Scraper
115-7377	Front Narrow Wiehle Roller Scraper Brush
115-7378	Front Wide Wiehle Roller Scraper Brush
115-7379	Front Full Roller Scraper Brush
115-7380	Front Narrow Wiehle Roller Scraper Comb
115-7381	Front Wide Wiehle Roller Scraper Comb
115-7382	Front Full Roller Scraper Comb
115-7383	Rear Roller Scraper
121-2260	Adjustable Rear Roller Scraper
04646	Spring Loaded Rear Roller Scraper (Set of 3)
107-9561	Anti-Bobbing Roller Scraper Kit
04650	Rotating Rear Roller Brush (Set of 1)

BEDKNIFE & BEDBAR OPTIONS	
93-4262	Microcut Bedknife
93-4263	Tournament Bedknife
93-4264	Low Cut Bedknife
94-6392	High Cut Bedknife
63-8610	Fairway Bedknife
108-4303	Extended Microcut Bedknife
108-4302	Extended Tournament Bedknife
115-1880	EdgeMax™ Microcut Bedknife (Standard)
115-1881	EdgeMax™ Tournament Bedknife
137-0878	EdgeMax™ Fairway Bedknife
139-4320	EdgeMax™ Short Microcut Bedknife
139-4321	EdgeMax™ Short Tournament Bedknife
106-2648-01	Bedbar (Standard)
99-3794-03	Aggressive Bedbar

THATCHING REEL ACCESSORIES	
117-6824	Thin dynaBlade, (1.2mm Thickness)(Individual)
119-1128	Regular dynaBlade, (2mm Thickness) (Individual)
117-6839	Replacement Kit, 1.2mm dynaBlade (36 Blades)
117-6840	Replacement Kit, 2mm dynaBlade (36 Blades)
121-6675	Spring Steel Kit
121-6674	Blade, Spring Steel
121-9525	Thatching Reel Quick Change Kit

BIO-HYDRAULIC FLUID / HYDRAULIC FLUID / OIL	
119-2157	Bio-Hydraulic Fluid, 5 gal. (18.9 L)
119-2158	Bio-Hydraulic Fluid, 55 gal. (208.2 L)
133-8086	Premium Hydraulic Fluid, 5 gal. (18.9 L)
133-8087	Premium Hydraulic Fluid, 55 gal. (208.2 L)
108-1197	Premium Engine Oil SAE 30, 5 gal. (18.9 L)
108-1196	Premium Engine Oil SAE 30, 55 gal. (208.2 L)

TOOLS	
04399	Turf Evaluator
125-5610	Paper – Reel
140-5531	Shim – Reel
94-9010	Height of Cut Bar Assembly

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Greensmaster® 3250-D Specifications

GREENSMASER 3250-D, MODEL 04384																					
ENGINE	Kubota® 902 tier 4i, 3-cylinder liquid-cooled diesel engine. 55.0 cu. in. (902 cc). Full pressure lubrication, oil filter. 24.8 hp (18.5 kW) @ 3600 rpm. Engine governed to 2760 rpm high idle, 1500 rpm low idle (no load).																				
FUEL CAPACITY	6 gallons (22.7 liters). Biodiesel-Ready for use up to B-20 (20% biodiesel and 80% petroleum blend).																				
TRACTION DRIVE	Hydraulic piston pump, closed loop system. 2WD Parallel Hydrostatic or optional 3WD Series Parallel 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 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.																				
TURF COMPACTION	8-12 psi (.55-.83 bar) average at recommended minimum tire pressures, with a 200 lb. operator, and cutting units down.																				
STEERING	Power steering. No-tool quick adjust steering arm position, with arm motion allowing a wide range of operator sizes. Steering cylinder has through shaft design for precise straight line tracking.																				
CONTROLS/GAUGES	Raise/lower-mow lever. Functional control lever (neutral, mow, transport). Foot operated traction drive and brakes. Hour meter and warning light cluster. Hand operated choke, throttle. Mechanical engine speed control.																				
ELECTRICAL FEATURES	Maintenance-free 12-volt battery with 530 minimum cold cranking amps at 0° F. 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	84 dBA at operator ear under normal conditions.																				
OVERALL DIMENSIONS	<table border="0"> <tr> <td>Width of Cut:</td> <td>59.0" (150 cm)</td> <td>Overall Height:</td> <td>77.5" (197 cm)</td> </tr> <tr> <td>Wheel Tread:</td> <td>50.5" (128 cm)</td> <td>Net Weight (no fuel, no operator):</td> <td>1,216 lbs. (552 kg)</td> </tr> <tr> <td>Wheel Base:</td> <td>48.6" (123 cm)</td> <td>Reel Speed:</td> <td>Approx. 1,950 rpm @ 2760 rpm (Adjustable)</td> </tr> <tr> <td>Overall Length (w/baskets):</td> <td>93.9" (238 cm)</td> <td></td> <td></td> </tr> <tr> <td>Overall Width:</td> <td>68.0" (173 cm)</td> <td></td> <td></td> </tr> </table>	Width of Cut:	59.0" (150 cm)	Overall Height:	77.5" (197 cm)	Wheel Tread:	50.5" (128 cm)	Net Weight (no fuel, no operator):	1,216 lbs. (552 kg)	Wheel Base:	48.6" (123 cm)	Reel Speed:	Approx. 1,950 rpm @ 2760 rpm (Adjustable)	Overall Length (w/baskets):	93.9" (238 cm)			Overall Width:	68.0" (173 cm)		
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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	Foot activated 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.																				
ROPS	Roll over protection system standard.																				
CERTIFICATION	Certified to meet ANSI specification B71.4-2012 and European CE standards with appropriate kits installed.																				
WARRANTY	Two-year limited warranty. Refer to the Operator's Manual for further details.																				

8 BLADE DPA CUTTING UNITS 11-BLADE DPA CUTTING UNITS 14-BLADE CUTTING UNITS	
TRACTOR	These cutting units will mount on any Toro riding Greensmaster (excluding Greensmaster TriFlex models).
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 .297"-1.0" (7.5-25.4 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. EdgeSeries™ Reels blades are welded to 5 stamped steel spiders, and heat treated. The reel is ground for diameter and concentricity, and backgrind.
REEL BEARINGS	Two stainless steel ball bearings, 30 mm inside diameter slip fit onto reel shaft retained by internally splined threaded insert. Low drag seals/slingers for added protection with o-ring sealed motor and counterweight. 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 internally splined threaded insert.
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 regardless of reel or bedknife wear. Patented design.
BEDKNIFE	Replaceable single edged EdgeMax™ Microcut 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: Not included with cutting unit, purchased separately. 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 kg) with aluminum Narrow Wiehle Roller. 14-blade: 78 lbs. (35 kg) with aluminum Wiehle Roller.

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GREENSMaster 3250-D ACCESSORIES

TRACTION UNIT ACCESSORIES	
04477	3-Wheel Drive Kit
04479	Thatching Reel (Set of 1)
99-4506	Traction Tires
104-7701	Hydraulic Oil Cooler Kit
04554	Light Kit
120-1951	Spark Arrestor
04497	Leak Detector
112-0279	Front Wheel Weight Kit
100-6442	2WD Weight Kit
99-1645	3WD Weight Kit
100-6430	Hose Adapter Kit
105-9766	Radiator Screen Kit
104-9400	Ground Follow Kit
138-8579	Bimini Folding Shade
137-8130	Utility Bag Kit
133-1308	Seat cover
121-3658	RH Armrest
121-3660	LH Armrest
121-2058	Armrest Kit
115-4754	Wireless Hour Meter

ROLLER OPTIONS	
04255	Front Narrow Wiehle Roller (set of 1)
04256	Front Wide Wiehle Roller (set of 1)
04257	Front Full Roller (set of 1)
04628	Solid Steel Roller Kit (front Wiehle & rear steel rollers)
04629	Anti-Bobbing Roller Kit (front and rear)
71-1550	Cast Iron Rear Wiehle Roller
107-3514	Steel Wide Wiehle Roller
04258	Extended Narrow Wiehle Roller
04267	Narrow Wiehle Roller (for paspalum)
107-3510	Steel Narrow Wiehle Roller
120-9595	Steel Rear Roller (standard)
125-5180	DPA Rear Roller Extension Kit
120-9600	High Height of Cut Kit
04249	Split Full Front Roller
04250	Split Narrow Wiehle Roller

CUTTING UNIT OPTIONS	
04652	EgdeSeries™ 8-Blade Cutting Unit
04654	EgdeSeries™ 11-Blade Cutting Unit
04656	EgdeSeries™ 14-Blade Cutting Unit

GROOMER OPTIONS	
04648	Universal Groomer Drive (Set of 1)
04802	Groomer Reel
04270	Grooming Brush – Soft
04271	Grooming Brush – Stiff
106-2643	Groomer Pull Link Kit (Pre-2018 Models)
138-4976	Groomer Pull Link Kit (Post-2018 Models)

SCRAPER OPTIONS	
125-3503	Front Narrow Wiehle Roller Scraper
125-3504	Front Wide Wiehle Roller Scraper
125-3505	Front Full Roller Scraper
115-7377	Front Narrow Wiehle Roller Scraper Brush
115-7378	Front Wide Wiehle Roller Scraper Brush
115-7379	Front Full Roller Scraper Brush
115-7380	Front Narrow Wiehle Roller Scraper Comb
115-7381	Front Wide Wiehle Roller Scraper Comb
115-7382	Front Full Roller Scraper Comb
115-7383	Rear Roller Scraper
121-2260	Adjustable Rear Roller Scraper
04646	Spring Loaded Rear Roller Scraper (Set of 3)
107-9561	Anti-Bobbing Roller Scraper Kit
04650	Rotating Rear Roller Brush (Set of 1)

BEDKNIFE & BEDBAR OPTIONS	
93-4262	Microcut Bedknife
93-4263	Tournament Bedknife
93-4264	Low Cut Bedknife
94-6392	High Cut Bedknife
63-8610	Fairway Bedknife
108-4303	Extended Microcut Bedknife
108-4302	Extended Tournament Bedknife
115-1880	EdgeMax™ Microcut Bedknife (Standard)
115-1881	EdgeMax™ Tournament Bedknife
137-0878	EdgeMax™ Fairway Bedknife
139-4320	EdgeMax™ Short Microcut Bedknife
139-4321	EdgeMax™ Short Tournament Bedknife
106-2648-01	Bedbar (Standard)
99-3794-03	Aggressive Bedbar

THATCHING REEL ACCESSORIES	
117-6824	Thin dynaBLADE, (1.2mm Thickness) (Individual)
119-1128	Regular dynaBLADE, (2mm Thickness) (Individual)
117-6839	Replacement Kit, 1.2mm dynaBLADE (36 Blades)
117-6840	Replacement Kit, 2mm dynaBLADE (36 Blades)
121-6675	Spring Steel Kit
121-6674	Blade, Spring Steel
121-9525	Thatching Reel Quick Change Kit

BIO-HYDRAULIC FLUID / HYDRAULIC FLUID / OIL	
119-2157	Bio-Hydraulic Fluid, 5 gal. (18.9 L)
119-2158	Bio-Hydraulic Fluid, 55 gal. (208.2 L)
133-8086	Premium Hydraulic Fluid, 5 gal. (18.9 L)
133-8087	Premium Hydraulic Fluid, 55 gal. (208.2 L)
108-1197	Premium Engine Oil SAE 30, 5 gal. (18.9 L)
108-1196	Premium Engine Oil SAE 30, 55 gal. (208.2 L)

TOOLS	
04399	Turf Evaluator
125-5610	Paper – Reel
140-5531	Shim – Reel
94-9010	Height of Cut Bar Assembly

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