



Reelmaster[®] 5010-H

HYBRID FAIRWAY MOWER

FEATURES

- **PowerMatch™** – Matches machine power output to what the conditions require. When hilly terrain and challenging mowing require more power than the 24.8 hp (18.5 kW) engine can provide, the Reelmaster 5010-H automatically redirects the cutting unit load from the engine to the battery pack, as needed. If even more power is required, the battery pack boosts the engine power, giving the machine the equivalent of over 40 horsepower (29.8 kW).
- **Specifications** – Tier 4 Compliant 24.8 hp (18.5 kW) Kubota[®] diesel engine and 48-volt Absorbed Glass Mat (AGM) battery pack.
- **Fuel Savings** – With an average fuel savings of 20% over comparably equipped machines, the Reelmaster 5010-H is easy on your budget.
- **Proven Platform** – The Reelmaster 5010-H is built on the proven and popular Reelmaster 5010 Series platform. Durability, performance, comfort, and serviceability come standard.
- **InfoCenter™** – The onboard LCD display provides system information, alerts, service reminders, diagnostics, and more.
- **Reel Control** – Precisely control reel speed and clip rate, monitor reel performance and view reel diagnostics with the onboard InfoCenter.



Go longer between filling the tank and shorter between compliments on your fairways.

The Reelmaster 5010-H gives you the power and performance you want with the fuel efficiency and reliability you need. Through its patented PowerMatch system, the Reelmaster 5010-H utilizes the power of a diesel engine in combination with a battery pack to supply over 40 horsepower, but only when conditions require. Electric motors on the cutting units, which feature low-friction seals and bearings on the reels, improve performance and reduce power requirements. The result is increased fuel efficiency, quieter operation, reduced maintenance, significantly fewer potential leak points and unmatched quality of cut.

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TIER



Reelmaster® 5010-H Specifications*

REELMASTER 5010-H, MODEL 03674	
POWER SYSTEM	Tier 4 compliant 24.8 hp (18.5 kW) Kubota® 3-cylinder, liquid-cooled, diesel engine. Four 12V Absorbed Glass Mat (AGM), sealed, maintenance-free lead carbon batteries.
LUBRICATION	Pressurized lubrication system with 3.5 quart (3.3 liter) capacity.
FUEL FILTER	Replaceable spin-on fuel filter/water separator.
COOLING	Rear mounted radiator with industrial tube and fin construction, 6 fins per inch, 5.5 quart (5.2 liter) system capacity.
FUEL TANK CAPACITY	14 gallons (53 liters), diesel fuel.
TRACTION DRIVE	Front drive wheels powered by a hydrostatic pump with individual wheel motors. All-wheel drive optional with CrossTrax® All-Wheel Drive system, which transfers power from the front wheels to the opposite rear wheels via independent rear wheel motors.
GROUND SPEED	0-10 mph (0-16 km/h) forward transport; 0-8 mph (0-12.8 km/h) mow; 0-4 mph (0-6.4 km/h) reverse.
TIRES	Front traction tires: 26.5 x 14-12; Rear steer tires: 20 x 12-10.
MAIN FRAME	High strength steel frame with welded construction.
BRAKES	Individual left and right drum-type front wheel brakes. Brakes may be actuated for service braking via left foot pedal. Integrated foot pedal lock provides parking brake. Dynamic braking through hydrostatic traction drive system.
STEERING	Rear wheel, power steering with and independent hydraulic pump and circuit.
GAUGES	InfoCenter™ onboard LCD display shows gauges, alerts, faults, service reminders, electrical systems diagnostics, indicates fuel level, coolant temp., low oil pressure, alternator, engine hours, engine rpm, voltage, reel speed, backlap speed, glow indicator, lift/lower indicator.
CONTROLS	Single foot-operated traction pedal, foot actuated mow speed limiter, foot actuated service and parking brake. Hand-operated key ignition switch, switch-operated throttle, isochronous engine speed control, cutting unit raise/lower joystick, cutting unit engage switch, and headlight switch all positioned on right hand pivoting control console.
ELECTRICAL	Heavy duty 12-volt battery, 570 CCA, 40 amp alternator. Electronic control unit is a microprocessor based, solid state control unit with diagnostic capabilities. Traction pedal, parking brake, operator presence in seat, and cutting unit engage/disengage safety interlock switches.
REEL DRIVE	Reel drive circuit is split independently for front and rear cutting units. Reel speeds are electronically adjustable in nine incremental settings. On-board backlapping is standard.
SEAT	Deluxe high back suspension seat with fore, aft, height and weight adjustment.
DIMENSIONS	Height: 63" (160 cm) to seat, 85.5" (217.2 cm) to ROPS. Length: 111" (281.9 cm) Wheelbase: 60" (152.4 cm) Operational Width: 116" (288.3 cm) Transport Width: 92" (233.7 cm).
WEIGHT	With 5" cutting units: 2WD – 2,776 lbs. (1,259 kg), 4WD – 2,827 lbs. (1,282 kg). With 7" cutting units: 2WD – 2,907 lbs. (1,319 kg), 4WD – 2,965 lbs. (1,345 kg).
SAFETY / CERTIFICATION	ROPS Standard. Complies with ANSI B71.4-2012, ISO EN 5395 and CE requirements
WARRANTY	Two-year limited warranty. Refer to the Operator's Manual for further details.

CUTTING UNITS: 5" 8-BLADE: 03621 5" 11-BLADE: 03623 7" 8-BLADE, RADIAL: 03638 7" 8-BLADE, FORWARD-SWEPT: 03639 7" 11-BLADE FORWARD-SWEPT: 03641	
TYPE	Five electrically driven, DPA cutting Units with low-drag seal and bearing package. Frame precision manufactured, die-cast aluminum for increased strength, simple click adjustment maintenance.
SIZE	22" (56 cm) wide, 5" (12.7 cm) or 7" (17.8 cm) diameter.
WIDTH OF CUT	100" (254 cm)
HOC RANGE	8-Blade recommended range 0.5" – 1.0" (13 mm-25 mm). 11-Blade recommended range 0.25" – 0.75" (6 mm – 19 mm). High HOC Kit available as an option to increase height of cut range from: 1.0" – 1.5" (25 mm – 38 mm).
REEL SPEED	Electronically controlled, variable reel speed for optimal clip frequency and independently controlled backlap speed.
BEDKNIFE ADJUSTMENT	Precision machined cutting units maintain levelness and hold adjustments. Dual Precision Adjustment (DPA) allows quick bedknife to reel adjustment.
ROLLERS	Wiehle front roller and standard rear roller included. Optional front full and shoulder rollers, and longer rear rollers available.

*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.





Reelmaster® 5010-H Accessories

CUTTING UNITS	
03628	5" (12.7 cm) cutting unit finishing kit
03621	5" (12.7 cm) 8-blade DPA cutting unit
03623	5" (12.7 cm) 11-blade DPA cutting unit
03618	5" (12.7 cm) verticutter cutting unit
03629	7" (17.8 cm) cutting unit finishing kit
03638	7" (17.8 cm) 8-blade, radial:
03639	7" (17.8 cm) 8-blade, forward-swept
03641	7" (17.8 cm) 11-blade, forward-swept
03619	7" (17.8 cm) verticutter cutting unit

TRACTION UNIT ACCESSORIES	
03655	CrossTrax® All-Wheel Drive Kit
03656	Cross Trax All-Wheel Drive Finishing Kit
03667	Air-ride Seat Suspension
03415	Standard Flexible Grass Basket
03416	Compact Flexible Grass Basket
30349	Universal Sunshade - White
30552	Universal Sunshade - Red

5" (12.7 cm) CUTTING UNIT ACCESSORIES	
03763	Universal Groomer
03765	22" (56 cm) Groomer Cartridge
03767	Grooming Brush Cartridge
03417	Universal Only Weight Kit
03658	Powered rear roller brush for groomers
03413	Weight for cutting units with attachments
03406	Powered rear roller brush only
03411	End Weight Kit
03415	Flex Grass Basket
131-6845	Flex Groomer Rod Kit

BEDKNIFE OPTIONS	
108-9095	EdgeMax™
108-9096	Standard
127-7132	EdgeMax Low Cut
110-4084	Low Cut
119-4280	EdgeMax Extended Low Cut
120-1640	Extended Low Cut
110-4074	Heavy Duty

7" (17.8 cm) CUTTING UNIT ACCESSORIES	
03768	Universal Groomer
03765	22" (56 cm) Groomer Cartridge
03767	Grooming Brush Cartridge
03418	Universal Only Weight Kit
03659	Powered rear roller brush for groomers
03419	Universal w/RRB Weight Kit
03408	Powered rear roller brush only
03405	Weight for cutting units without attachments
03415	Flex Grass Basket
131-6845	Flex Groomer Rod Kit

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