Reelmaster® 5010-H
Hybrid Fairway Mower

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 utilises the power of a diesel engine in combination with a battery pack to supply over 40 horsepower (29.8 kW), 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.

energy smart™

EdgeSeries™ Reels

F E A T U R E S

• 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).

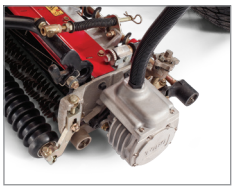
• Specifications
Tier 4 Compliant 24.8 hp (18.5 kW) Kubota® diesel engine and 48-volt Absorbed Glass Mat (AGM) battery pack.

• 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.



	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	Pressurised lubrication system with 3.5 quart (3.3 litre) 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 litre) system capacity.
FUEL TANK CAPACITY	14 gallons (53 litres), 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.
TYRES	Front traction tyres: 26.5 x 14-12; Rear steer tyres: 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 an 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" (294.6 cm) Transport Width: 92" (233.7 cm).
WEIGHT	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: 7" 8-BLADE, RADIAL: 03638 7" 8-BLADE, FORWARD-SWEPT: 03639 7" 11-BLADE FORWARD-SWEPT: 03641 7" 11-BLADE RADIAL: 03643
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, 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.

CUTTING UNITS
7" (17.8 cm) cutting unit finishing kit
7" (17.8 cm) 8-blade, radial
7" (17.8 cm) 11-blade, radial
7" (17.8 cm) 8-blade, forward-swept
7" (17.8 cm) 11-blade, forward-swept
7" (17.8 cm) verticutter cutting unit

TRACTION UNIT ACCESSORIES
CrossTrax All-Wheel Drive Kit
CrossTrax All-Wheel Drive Finishing Kit
Air-ride Seat Suspension
Standard Flexible Grass Basket
Compact Flexible Grass Basket
Flex Groomer Rod Kit
Universal Sunshade - White
Universal Sunshade - Red
Switch Panel
Operator Cooling Fan
Worklights
Beacon
Wire Harness

7" (17.8 cm) CUTTING UNIT ACCESSORIES
Universal Groomer
22" (56 cm) Groomer Cartridge
Grooming Brush Cartridge
Universal Only Weight Kit
Powered rear roller brush for groomers
Universal w/RRB Weight Kit
Powered rear roller brush only
Weight for cutting units without attachments

BEDKNIFE OPTIONS
EdgeMax™
Standard
EdgeMax Low Cut
Low Cut
EdgeMax Extended Low Cut
Extended Low Cut
Heavy Duty

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The Reelmaster 5010-H is manufactured in Tomah, WI ISO 9002 Certified Plant.

THINK LIVE SAFELY

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TORO

Count on it.