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 (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.

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.


• 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.

EdgeSeries™ Reels

Call your Toro distributor at 800-803-8676
**Reelmaster® 5010-H Specifications**

**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, voltagge, reel speed, backlap speed, glow indicator, liftoff 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 LED 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-SWEEP:** 03639
- **7” 11-BLADE FORWARD-SWEEP:** 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**
- 0.25”-1.5” (6.4-38.1 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.
# Reelmaster® 5010-H Accessories

## CUTTING UNITS
- 03628: 5" (12.7 cm) cutting unit finishing kit
- 03621: 5" (12.7 cm) 8-blade DPA RR cutting unit
- 03623: 5" (12.7 cm) 11-blade DPA FSR cutting unit
- 03624: 5" (12.7 cm) 11-blade DPA RR cutting unit
- 03618: 5" (12.7 cm) verticutting cutting unit
- 03629: 7" (17.8 cm) cutting unit finishing kit
- 03638: 7" (17.8 cm) 8-blade, RR cutting unit
- 03639: 7" (17.8 cm) 8-blade, FSR cutting unit
- 03641: 7" (17.8 cm) 11-blade, FSR cutting unit
- 03643: 7" (17.8 cm) 11-blade, RR cutting unit
- 03619: 7" (17.8 cm) verticutting cutting unit

## 5" (12.7 cm) CUTTING UNIT ACCESSORIES
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<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>03763</td>
<td>Universal Groomer</td>
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<tr>
<td>03772</td>
<td>22&quot; (56 cm) Groomer Cartridge</td>
</tr>
<tr>
<td>03767</td>
<td>Grooming Brush Cartridge</td>
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<tr>
<td>03417</td>
<td>Universal Only Weight Kit</td>
</tr>
<tr>
<td>03658</td>
<td>Powered rear roller brush for groomers</td>
</tr>
<tr>
<td>03413</td>
<td>Weight for cutting units with attachments</td>
</tr>
<tr>
<td>03406</td>
<td>Powered rear roller brush only</td>
</tr>
<tr>
<td>03411</td>
<td>End Weight Kit</td>
</tr>
<tr>
<td>03415</td>
<td>Flex Grass Basket</td>
</tr>
<tr>
<td>131-6845</td>
<td>Flex Groomer Rod Kit</td>
</tr>
</tbody>
</table>

## Traction Unit Accessories
- 03655: CrossTrax® All-Wheel Drive Kit
- 03656: CrossTrax All-Wheel Drive Finishing Kit
- 03667: Air-ride Seat Suspension
- 03415: Standard Flexible Grass Basket
- 03416: Compact Flexible Grass Basket

## Traction Unit Sunshade
- 30669: Universal Sunshade - White
- 30671: Universal Sunshade - Red
- 03248: Switch Panel
- 03247: Operator Cooling Fan
- 138-2700: Worklights
- 138-2699: Beacon
- 138-2994: Wire Harness

## 7" (17.8 cm) CUTTING UNIT ACCESSORIES
<table>
<thead>
<tr>
<th>Code</th>
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<tbody>
<tr>
<td>03768</td>
<td>Universal Groomer</td>
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<tr>
<td>03772</td>
<td>22&quot; (56 cm) Groomer Cartridge</td>
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<tr>
<td>03767</td>
<td>Grooming Brush Cartridge</td>
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<tr>
<td>03418</td>
<td>Universal Only Weight Kit</td>
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<tr>
<td>03659</td>
<td>Powered rear roller brush for groomers</td>
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<tr>
<td>03419</td>
<td>Universal w/RRB Weight Kit</td>
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<tr>
<td>03408</td>
<td>Powered rear roller brush only</td>
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<tr>
<td>03405</td>
<td>Weight for cutting units without attachments</td>
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<tr>
<td>03415</td>
<td>Flex Grass Basket</td>
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<tr>
<td>131-6845</td>
<td>Flex Groomer Rod Kit</td>
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## Traction Unit 2-Post ROPS Extension System
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<tr>
<td>03611</td>
<td>Two-Post ROPS Extension Kit</td>
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<tr>
<td>03616</td>
<td>Safety &amp; Security Cage</td>
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<tr>
<td>31329</td>
<td>Polycarbonate Wind Screen</td>
</tr>
<tr>
<td>03626</td>
<td>Vinyl Weather Enclosure Kit</td>
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<tr>
<td>31330</td>
<td>Tempered Glass Windshield</td>
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<tr>
<td>31311</td>
<td>Windshield Wiper for Glass Windshield</td>
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<tr>
<td>122-3435</td>
<td>Operator Fan &amp; Interior Headliner</td>
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<tr>
<td>31596</td>
<td>LED Work Lights</td>
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<tr>
<td>31509</td>
<td>Rotating Beacon</td>
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<tr>
<td>122-0729</td>
<td>Wire Harness</td>
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<tr>
<td>31579</td>
<td>EU Road Light Kit</td>
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</tbody>
</table>

## Bedknife Options
- 108-9995: EdgeMax™
- 108-9996: Standard
- 127-7132: EdgeMax Low Cut
- 110-4884: Low Cut
- 119-4280: EdgeMax Extended Low Cut
- 120-1640: Extended Low Cut
- 110-4874: Heavy Duty

*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.*