



Reelmaster® 5510 & 5610 Specifications*

	REELMASTER 5510, MODEL 03680	REELMASTER 5610, MODEL 03690
ENGINE	Kubota® 4-cylinder, liquid cooled, diesel engine. 35.5 hp (26.5 kW) @ 3000 rpm.	Kubota® 4-cylinder, liquid cooled, diesel engine. 44.2 hp (32.9 kW) @ 3000 rpm.
LUBRICATION	Pressurized lubrication system with 5.0 U.S. quart (4.7 liter) capacity.	Pressurized lubrication system with 5.0 U.S. quart (4.7 liter) capacity.
FUEL FILTER	Replaceable spin-on fuel filter/water separator with visible bowl.	
AIR CLEANER	Heavy duty three-stage, radial seal air cleaner with restriction indicator.	
COOLING	Rear mounted radiator with industrial tube and fin construction, 6 fins per inch, 7.0 U.S. quart (6.6 liter) capacity.	Rear mounted radiator with industrial tube and fin construction, 6 fins per inch, 10.0 U.S. quart (9.5 liter) capacity.
FUEL TANK CAPACITY	13.5 U.S. gallon (51.1 liter) capacity	
HYDRAULIC OIL CAPACITY	9.0 U.S. gallon (34.1 liter) capacity	
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/hr) forward transport; 0-8 mph (0-12.8 km/hr) mow; 0-4 mph (0-6.4 km/hr) reverse	
TIRES	Front traction tires: 26.5 x 14-12 turf tires Rear steer tires: 20 x 12-10	Front traction tires: 26.5 x 14-12 turf tires 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 an independent hydraulic pump and circuit.	
GAUGES	Hour meter, fuel gauge, engine coolant temperature gauge, and warning light cluster: engine oil pressure, high engine coolant temperature, battery voltage, glow plug indicator, and diagnostic indicator.	
DIAGNOSTICS	The Automatic Control Electronics, ACE™ system allows precision timing and control of machine functions for maximum performance. Available display connects to an electronic control unit to diagnose electrical system quickly and easily. Available DATA LOG™ system captures intermittent electrical system activity.	
CONTROLS	Single foot-operated traction pedal, foot actuated mow speed limiter, foot actuated service and parking brake. Hand-operated key ignition switch, throttle, cutting unit raise/lower joystick, cutting unit engage switch, and headlight switch all positioned on right hand pivoting control console.	
ELECTRICAL & INTERLOCKS	Heavy duty 12 volt battery, 585 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. Hydraulic functions controlled by an integrated hydraulic control block. Reel speeds are manually adjustable in nine incremental settings. Standard on-board backlapping.	
CUTTING UNIT LIFT/LOWER	Front and rear cutting unit lift/lower is sequenced for uniform starting and ending points.	
SEAT	Deluxe high back suspension seat with fore, aft, height and weight adjustment.	
ROPS	Standard with seat belt – 4WD, optional – 2WD	
HEIGHT	63" (160 cm) seat top, 85.5" (217.2 cm) top of ROPS	
LENGTH (2WD)	111" (281.9 cm)	
WHEEL BASE	60" (152.4 cm)	
OPERATIONAL WIDTH	116" (288.3 cm)	
TRANSPORT WIDTH	92" (233.7 cm)	
WEIGHT	2,693 lbs (1,222 kg) (2WD), 2,803 lbs (1,271 kg) (4WD)	2,756 lbs (1,276 kg) (2WD), 2,866 lbs (1,326 kg) (4WD)
CERTIFICATION	Complies with ANSI B71.4-2004 and CE requirements. Certain machine configurations require rear weight kits for standards compliance, see Operator's Manual for details.	
WARRANTY	Two year limited warranty, refer to the Operator's Manual for details.	

	8 AND 11-BLADE CUTTING UNITS, MODELS 03681 AND 03682
TYPE	5-plex, hydraulically driven, balanced cutting units with adjustable rear weight transfer spring. Cutting units feature quick disconnect for removal/installation and are interchangeable to all positions. Cutting units also feature rear throw capability.
SIZE	22" (56 cm) wide, 7" (17.8 cm) diameter, 8 and 11 blade cutting units
WIDTH OF CUT	100" (254 cm)
HOC RANGE	0.25" - 1.0" (6.4-25.4 mm) standard. Up to 2.0" (50.8 mm) with high height of cut kit.
REEL SPEED	Manually controlled, variable reel speed for control of clip frequency. Reel speeds are incrementally adjustable between 200-1,600 rpm with a backlap speed of 200 rpm.
BEDKNIFE ADJUSTMENT	Dual Precision Adjustment (DPA), bedknife to reel.
ROLLERS	3" (7.6 cm) diameter, deep groove Wiehle front roller. 3.0" (7.6 cm) diameter rear roller. Other roller configurations optional.

* Specifications and design subject to change without notice.



Reelmaster® 5510 & 5610 Specifications* (continued)

FAIRWAY GROOMER, MODELS 03685, 03686 & OPTIONAL BROOMER™, MODEL 110-4085	
TYPE	Rotating blades with optional Broomer™ brush strips that are woven within the blade helix for full width turf contact.
GROOMING WIDTH	20.5" (52.1 cm)
GROOMING RANGE	0-0.25" (0-6.4 mm) below height of cut when engaged, 0-0.25" (0-6.4 mm) above height of cut when disengaged
BLADES	2.5" (6.4 cm) diameter, 0.042" (1 mm) thick heat treated spring steel blades with 0.5" (12.7 mm) spacing

POWERED REAR ROLLER BRUSH, MODEL 03683	
TYPE	Rotating, helically woven, stiff bristled brush
CONTACT POINTS	Tightly woven 11 point contact
SPIN RATE	Rapid 2000 rpm spin rate

ACCESSORIES							
Model	Description	Model	Description	Model	Description	Model	Description
03671	CrossTrax® All-Wheel Drive	03684	Verticutter Reel	107-3280	Rear Roller Scraper	110-4074	Heavy Duty Bedknife
03521	TurfDefender™ Leak Detector	30359	Universal Mount Sunshade	107-2993-03	Wiehle Roller Scraper	110-9600	High Height of Cut Kit
03667	Air-ride Seat Suspension	03662	Grass Basket Kit	110-4084	Low Cut Bedknife	108-9072	7" - 5 Blade Reel only

* 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 design, required attachments and safety features. Consult your local Toro Distributor.

The Reelmaster 5510 & 5610 are manufactured in Tomah, WI ISO 9002 Certified Plant.