

TORO

Groundsmaster® 4100-D/4110-D

WIDE AREA ROTARY MOWERS

F E A T U R E S

- 55 hp (41 kW) Yanmar® engine, Tier 4 Final Compliant, turbo-diesel engine
- Smart Power® - optimized mowing in all conditions
- Foldable ROPS
- 10.3' (3.15 m) width of cut
- Full-time 4WD forward and reverse
- All-time traction assist (optional)
- 0" uncut circle in turns
- SmartCool® auto-reversing cooling fan
- HybridDrive™ cutting deck system delivers unmatched reliability
- 4-way adjustable seat and Air Ride Suspension
- InfoCenter™ displays simple operating info while monitoring machine health
- Integrated ControlHub™ with fingertip electronic controls
- Top and rear air intake for increased cooling
- Climate-controlled safety cab with air conditioning and heater (4110-D)
- Isolated operator platform for greater comfort and smoother ride

Operator-friendly and smart by design.

At a 10.3' (3.15 m) width of cut, the all out-front deck design on the Groundsmaster 4100-D and 4110-D lets you easily see what you are cutting. The new Smart Power® technology coupled with the HybridDrive™ cutting deck system delivers optimal power to the cutting blades – efficiently cutting grass even in the toughest conditions. The SmartCool® auto-reversing fan system automatically blows chaff off the radiator intake screen making operation more productive. With their excellent trimming capability, and an ability to mow a 0" uncut circle, you'll maneuver around obstacles with ease. The patented, parallel hydraulic drive system assures full-time 4-wheel drive, allowing you to mow with confidence, even on hills and wet grass.



Groundsmaster® 4110-D



Groundsmaster® 4100-D

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TIER**SMART POWER**



Groundsmaster® 4100-D/4110-D Specifications*



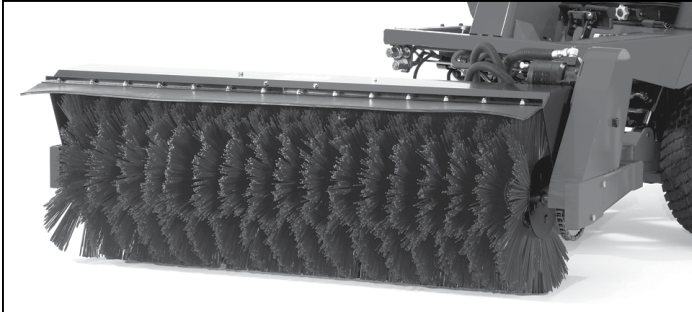
	GROUNDMASTER 4100-D, MODEL 30608	GROUNDMASTER 4110-D, MODEL 30644			
ENGINE	Yanmar® 4-cylinder, liquid-cooled, turbo-charged diesel. 127 cu. in. (2.1 liter) displacement. Engine rated at 55 hp (41 kW) net and 125 ft.-lbs. (169 Nm) torque at 2,000 rpm. 8 quart (7.6 liter) oil capacity, EPA Tier IV Final Compliant.				
AIR CLEANER	Dry, replaceable primary and safety elements.				
RADIATOR	Rear-mount, cross-flow, 7-row, 5 fins per inch, 9 quart (8.5 liter) capacity.				
FUEL CAPACITY	21 gallons (79.5 liters) diesel fuel. Biodiesel-Ready for use up to B-20(20% biodiesel and 80% petroleum blend)				
TRACTION DRIVE	Parallel hydrostatic, closed loop system with full-time 4WD. Forward/reverse in low (mow) and high (transport) range with full-time, automatic traction assist (forward only) optional on Groundsmaster 4100-D models. Variable displacement piston pump with electronic servo control powers dual speed displacement piston motor drive into double reduction planetary in front, and mechanical axle in rear. SmartPower™ feature controls traction speed to maintain optimal cutting blade speed.				
HYDRAULICS/COOLING	8.75 gallon (33.1 liter) capacity with 10 micron remote spin-on filter. 9 row, single pass cooler, 6.3 fins per inch, that tilts out for cleaning. Variable speed radiator cooling fan with automatic (based on coolant and oil temps) and manual reversing capabilities.				
DIAGNOSTICS	Diagnostic pressure test ports: forward and reverse traction, left, center and right decks, reverse 4WD, lift, steering, charge and deck counterbalance circuits.				
GROUND SPEED	Transport: 0-16.2 mph (0-26.1 km/h) forward, 0-8.1 mph (0-13 km/h) reverse. Mow: 0-8.3 mph (0-13.4 km/h) forward, 0-4 mph (0-6.4 km/h) reverse.				
TIRES	Front: 26 x 12-12, 6-ply tubeless Multi-Trac. Rear: 20 x 10-10, 6-ply tubeless Multi-Trac.				
MAIN FRAME	All welded formed-steel frame with integral tie-down anchors.				
BRAKES	Mechanically actuated, internal wet disc brakes on input to each planetary drive. Individual foot-operated steering brake control of left and right wheel. Lock pedals together and latch to engage parking brake.				
SEAT	4-way adjustable, right armrest travels with seat and suspension.				
STEERING	Power steering with dedicated power source. Steering wheel tilts to desired operator position. Uncut circle: 0" diameter.				
INSTRUMENTATION	InfoCenter™: Onboard LCD display shows gauges, alerts/fauls, service reminders, electrical system diagnostics. Indicates fuel level, coolant temp, intake temperature, low oil pressure, alternator, engine hours, engine rpm, hydraulic oil temperature, voltage.				
CONTROLS	Tilt steering, ignition switch, throttle switch, foot-operated traction pedal, lockable individual brake pedals, parking brake lock, mow/transport speed selector switch, 3-two position switches for individual deck lift/lower, counterbalance adjustment, tow valves, cup holder, toolbox, radio holder, fan switch and 12-volt power outlet.				
CRUISE CONTROL	Standard				
ELECTRICAL	12-volt, 690 cold cranking amps battery, 80 amp alternator. Overload protection with automotive type fuses.				
INTERLOCKS	Prevents engine from starting unless traction pedal is in neutral and deck is disengaged. If operator leaves seat while moving or deck is engaged, traction and / or deck stops, info center alarms and gives message. Mowing only permitted in low range. Traction not allowed if parking brake engaged and pedal moved out of neutral, info center alarms and gives message. Deck transport latches.				
GROUND CLEARANCE	6.5" (16.5 cm)				
OVERALL DIMENSIONS	Height 85.3" (216.7 cm) w/ROPS up 93.3" (237 cm) w/ cab	Length 144" (366 cm) w/decks down	Width 127" (323 cm) w/decks down	Transport Width 71" (180 cm) @ 2" (5 cm) HOC	Wheelbase 55.5" (140 cm)
WEIGHT	4237 lbs. (1922 kg) w/ full fluids (GM4100-D). 4890 lbs. (2218 kg) w/ full fluids (GM4110-D).				
SAFETY CAB (4110)	MODEL 30644: ROPS certified cab with heat, AC and the following standard features: climate system pressurized cab, heavy-duty pantograph front windshield wiper and washer, front windshield has 38" of visibility, interior mirror, fold away exterior side mirrors, molded front fenders, right and left doors and rear window have tinted (50%) glass, front and rear windows open, quick release window latches act as emergency exit, rubber sound isolator cab mounts and upholstered interior panels and headliner, textured neoprene floor mat, interior dome light.				
SAFETY	Complies with American National Standards Institute (ANSI B71.4-2012) and applicable ISO EN 5395 (CE) standards (machine directive 89/392, 91/368, 93/44, 84/538, 89/336) requirements; Optional lights. Meets ANSI/SAE 5279.12 (Lighting and Marking of Agricultural Equipment on Highways). Foldable ROPS, ISO 21299 certified.				
WARRANTY	Two-year limited warranty. Refer to operator's manual for further details.				
ACCESSORIES	Work light, Road lights consisting of dual taillights, dual headlights, slow moving vehicle sign, turn signal, flasher and lights; Sunshade Beacon				
CUTTING DECK					
WIDTH OF CUT	Overall: 124" (315 cm). Center deck section: 54" (137.1 cm). Two 37" (93 cm) width of cut wings. 89" (226 cm) width of cut with one wing up.				
MOWING RATE	Mows up to 10.3 acres/hr (4.2 hectares/hr) at 8.3 mph (13.4 km/hr). Assumes no overlap or stops.				
CONSTRUCTION	Welded .100" (25 mm) high-strength steel with steel 7 and 10-gauge channel and plate reinforcements.				
DECK DRIVE	Direct mounted hydraulic motor into spindle. Remaining spindle(s) driven by individual B section Kevlar belt. Quick-release belt covers.				
HEIGHT-OF-CUT	1"-5" (25-127 mm) in .5" (13 mm) increments.				
SPINDLES	1.25" (3.17 cm) diameter spindle shafts, 9" (22.9 cm) diameter conical ductile iron housing, and 2 greaseable tapered roller bearings.				
BLADES	19" (48.3 cm) long, 2.5" (6.4 cm) wide, .25" (.64 cm) thick.				
CASTER WHEELS	8 x 3.50-4, 4-ply, smooth, pneumatic, sealed precision ball bearings.				
GROUND FOLLOWING	6" anti-scalp cups on each blade, adjustable skids, 3 anti-scalp rollers on front deck and 1 on each wing.				
WING PROTECTION	Impact absorption device on each wing deck.				
MULCHING KIT	Model 30419.				
SKIDS	Reversible polymeric.				

*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.





Groundsmaster® 4100-D & 4110-D Attachment Specifications



ROTARY BROOM, MB MODEL HCT**	
TYPE	Windrow type, front mounted hydraulic broom with dual motors. Electric/hydraulic angling, 30° left and right.
BROOM SIZE	32" (81 cm) diameter x 60" (153 cm) wide.
BRUSH	Sectional brush with combination polypropylene/wire radial segments.
WEIGHT	460 lbs. (209 kg)
OPTIONS	Dirt Deflector, Storage Stands.



SUNSHADE	
UNIVERSAL MOUNT SUNSHADE	White, Model 30349
UNIVERSAL MOUNT SUNSHADE	Red, Model 30552



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** Manufactured by M-B Companies Inc.

*** Manufactured by Erskine Attachments.

Note: The Toro Company does not manufacture or sell the snowthrower or rotary broom, nor does Toro guarantee these accessories in any manner whatsoever.



SNOWTHROWER ERSKINE MODEL 2000***	
STAGE	2
WIDTH OF CUT	61" (155 cm)
CUTTING HEIGHT	29" (74 cm)
CUTTING EDGE	3/8" x 3" (9.5 mm x 7.6 cm) bolt-on
SKID SHOES	Adjustable
AUGER DIAMETER	16" (41 cm) open flight
FAN DIAMETER	20" (51 cm) 4-blade
CHUTE ROTATION	Hydraulic 270°
SHEAR PROTECTION	Pressure relief
CASTING DISTANCE	Up to 30' (9.14 m)
APPROXIMATE SHIPPING WT.	850 lbs. (386 kg)
HOSES	Included

TWO-POST ROPS EXTENSION SYSTEM	
GM4100-D	Fits Model 30609
TWO-POST ROPS EXTENSION KIT	Base steel frame attached to existing ROPS and includes a white sunshade. Model 31352
EXTERIOR MIRROR	Quantity (1) Part Number 130-5448
INTERIOR MIRROR	Quantity (1) Part Number 130-5449
ABRASION-RESISTANT POLYCARBONATE WIND SCREEN	Improved resistance to golf ball impacts or vandalism. Model 31324
TEMPERED GLASS WINDSHIELD	Similar safety glass used in Toro all-season safety cabs. Model 31325
WINDSHIELD WIPER KIT FOR TEMPERED GLASS WINDSHIELD	For use with the tempered glass windshield only. Not for use with the polycarbonate wind screen. Model 31311
OPERATOR FAN & INTERIOR HEADLINER KIT	Overhead fan with adjustable speeds – mounts directly over operator. Part Number 132-3435
WIRE HARNESS KIT	Required for all electrical accessories such as wipers, lights and fan. Part Number 122-0729

