

**TORO**

# Groundsmaster® 4100-D/4110-D

WIDE AREA ROTARY MOWERS

## FEATURES

- 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

**SMART POWER**



# Groundsmaster® 4100-D/4110-D Specifications\*

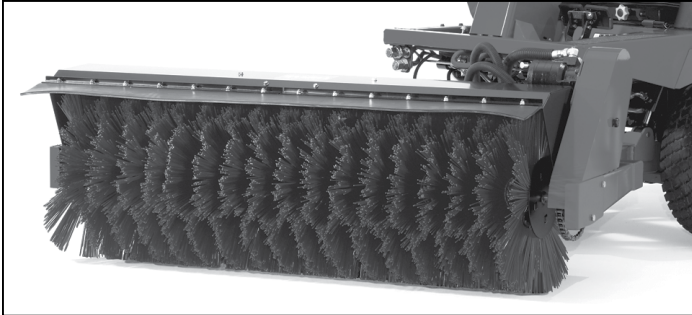
	GROUNDMASTER 4100-D, MODEL 30608	GROUNDMASTER 4110-D, MODEL 30644			
<b>ENGINE</b>	Yanmar® 4-cylinder, liquid-cooled, turbo-charged diesel. 127 cu. in. (2.1 liter) displacement. Engine rated at 55 hp (41 kW) net and 125 ft.-lbs. (169 Nm) torque at 2,000 rpm. 8 quart (7.6 liter) oil capacity. EPA Tier IV Final Compliant.				
<b>AIR CLEANER</b>	Dry, replaceable primary and safety elements.				
<b>RADIATOR</b>	Rear-mount, cross-flow, 7-row, 5 fins per inch, 9 quart (8.5 liter) capacity.				
<b>FUEL CAPACITY</b>	21 gallons (79.5 liters) diesel fuel. Biodiesel-Ready for use up to B-20(20% biodiesel and 80% petroleum blend)				
<b>TRACTION DRIVE</b>	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. Smart Power® feature controls traction speed to maintain optimal cutting blade speed.				
<b>HYDRAULICS/COOLING</b>	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.				
<b>DIAGNOSTICS</b>	Diagnostic pressure test ports: forward and reverse traction, left, center and right decks, reverse 4WD, lift, steering, charge and deck counterbalance circuits.				
<b>GROUND SPEED</b>	<b>Transport:</b> 0-16.2 mph (0-26.1 km/h) forward, 0-8.1 mph (0-13 km/h) reverse. <b>Mow:</b> 0-8.3 mph (0-13.4 km/h) forward, 0-4 mph (0-6.4 km/h) reverse.				
<b>TIRES</b>	Front: 26 x 12-12, 6-ply tubeless Multi-Trac. Rear: 20 x 10-10, 6-ply tubeless Multi-Trac.				
<b>MAIN FRAME</b>	All welded formed-steel frame with integral tie-down anchors.				
<b>BRAKES</b>	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.				
<b>SEAT</b>	4-way adjustable, right armrest travels with seat and suspension.				
<b>STEERING</b>	Power steering with dedicated power source. Steering wheel tilts to desired operator position. Uncut circle: 0" diameter.				
<b>INSTRUMENTATION</b>	<b>InfoCenter™:</b> 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.				
<b>CONTROLS</b>	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.				
<b>CRUISE CONTROL</b>	Standard				
<b>ELECTRICAL</b>	12-volt, 690 cold cranking amps battery, 80 amp alternator. Overload protection with automotive type fuses.				
<b>INTERLOCKS</b>	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.				
<b>GROUND CLEARANCE</b>	6.5" (16.5 cm)				
<b>OVERALL DIMENSIONS</b>	<b>Height</b> 85.3" (216.7 cm) w/ROPS up 93.3" (237 cm) w/ cab	<b>Length</b> 144" (366 cm) w/decks down	<b>Width</b> 127" (323 cm) w/decks down	<b>Transport Width</b> 71" (180 cm) @ 2" (5 cm) HOC	<b>Wheelbase</b> 55.5" (140 cm)
<b>WEIGHT</b>	4237 lbs. (1922 kg) w/ full fluids (GM4100-D). 4890 lbs. (2218 kg) w/ full fluids (GM4110-D).				
<b>SAFETY CAB (4110)</b>	<b>MODEL 30644:</b> 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.				
<b>SAFETY</b>	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/ASAE 5279.12 (Lighting and Marking of Agricultural Equipment on Highways). Foldable ROPS, ISO 21299 certified.				
<b>WARRANTY</b>	Two-year limited warranty. Refer to operator's manual for further details.				
<b>ACCESSORIES</b>	Work light, Road lights consisting of dual taillights, dual headlights, slow moving vehicle sign, turn signal, flasher and lights; Sunshade Beacon				
<b>CUTTING DECK</b>					
<b>WIDTH OF CUT</b>	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.				
<b>MOWING RATE</b>	Mows up to 10.3 acres/hr (4.2 hectares/hr) at 8.3 mph (13.4 km/hr). Assumes no overlap or stops.				
<b>CONSTRUCTION</b>	Welded .100" (2.5 mm) high-strength steel with steel 7 and 10-gauge channel and plate reinforcements.				
<b>DECK DRIVE</b>	Direct mounted hydraulic motor into spindle. Remaining spindle(s) driven by individual B section Kevlar belt. Quick-release belt covers.				
<b>HEIGHT-OF-CUT</b>	1"-5" (25-127 mm) in .5" (13 mm) increments.				
<b>SPINDLES</b>	1.25" (3.17 cm) diameter spindle shafts, 9" (22.9 cm) diameter conical ductile iron housing, and 2 greaseable tapered roller bearings.				
<b>BLADES</b>	19" (48.3 cm) long, 2.5" (6.4 cm) wide, .25" (.64 cm) thick.				
<b>CASTER WHEELS</b>	8 x 3.50-4, 4-ply, smooth, pneumatic, sealed precision ball bearings.				
<b>GROUND FOLLOWING</b>	6" anti-scalp cups on each blade, adjustable skids, 3 anti-scalp rollers on front deck and 1 on each wing.				
<b>WING PROTECTION</b>	Impact absorption device on each wing deck.				
<b>MULCHING KIT</b>	Model 30419.				
<b>SKIDS</b>	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



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



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



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



<b>SUNSHADE</b>	White, Model 30669 / Red, Model 30671
<b>UNIVERSAL MOUNT SUNSHADE</b>	

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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.

