

PRODUCTIVITY

by design

SMART POWER



GROUNDMASTER 4000-D

- 35.8 kW (48 hp) Yanmar® engine
- Three offset cutting decks
- 335 cm (11') width of cut



GROUNDMASTER 4100-D

- 35.8 kW (48 hp) Yanmar® engine
- All out-front cutting deck
- 320 cm (10.5') width of cut

FEATURES

- Smart Power™ - optimized mowing in all conditions
- SmartCool™ auto-reversing cooling fan
- Top and rear air intake for increased cooling
- Full-time, bi-directional 4WD
- All-time traction assist assures full time 4-wheel drive. Comes standard for Groundsmaster 4000-D and optional for Groundsmaster 4100-D
- HybridDrive™ cutting deck system delivers unmatched reliability
- 0 uncut circle in turns
- 4-Way adjustable seat and Air Ride Suspension
- Isolated Operator Platform for greater comfort and smoother ride
- Climate-controlled cab with air conditioning and heater (Allied)
- Mini InfoCenter
- Foldable ROPs

toro.com/gm4000

GROUNDMASTER® 4000-D/4100-D delivers power where you need it most - to cut grass, no matter how challenging the conditions. With Smart Power™ technology, high engine torque and patented, efficient deck drive systems, these mowers are designed for productivity. Excellent trimming capability to maneuver around obstacles with ease, mow a 0 uncut circle, for back and forth patterns leaving no uncut grass. Patented, parallel hydraulic traction system with new, all time traction assist, maintains consistent hydraulic flow between front and rear wheels to assure full time 4-wheel drive to mow with confidence, even on hills and wet grass.

TORO®

Count on it.

Groundsmaster® 4000-D/4100-D Specifications

	GM4000-D	GM4100-D
ENGINE	<p>Yanmar® 4TNV84T Fuel: Diesel Type: 4 cylinder, turbo charged Horsepower @ RPM: 35.8 kW (48 hp) @ 2600 Torque @ rpm: 153 N•m (113 ft-lbs) @ 2000 Displacement: 2.0 litres (121.7 cu. in.) Service Interval Oil Change: 250 hours Starting Aid: Glow plugs Emissions: EU Stage III A standards</p>	<p>Yanmar® 4TNV84T Fuel: Diesel Type: 4 cylinder, turbo charged Horsepower @ RPM: 35.8 kW (48 hp) @ 2600 Torque @ rpm: 153 N•m (113 ft-lbs) @ 2000 Displacement: 2.0 litres (121.7 cu. in.) Service Interval Oil Change: 250 hours Starting Aid: Glow plugs Emissions: EU Stage III A standards</p>
GENERAL DATA	<p>Weight: 1,892 kg (4172 lbs.); with cab: 2,023 kg (4460 lbs.) Wheelbase: 140 cm (55.5") Length (w/decks down): 343 cm (135") Mow Width (w/decks down): 346 cm (136") Transport Width @ 2"(5 cm) HOC: 180 cm (71") Height w/ROPS: 206 cm (81")*; with cab: TBD Ground Clearance: 16.5 cm (6.5")</p>	<p>Weight: 1842 kg (4,060 lbs.); with cab: 1978 kg (4,360 lbs.) Wheelbase: 140 cm (55.5") Length (w/decks down): 366 cm (144") Mow Width (w/decks down): 323 cm (127") Transport Width @ 5 cm (2") HOC: 180 cm (71") Height w/ROPS: 206 cm (81")*; with cab: TBD Ground Clearance: 15.2 cm (6")</p>
POWERTRAIN	<p>4 Wheel Drive: Full-time bi-directional. Parallel hydrostatic, closed loop Traction Drive Pump: Variable displacement piston, electronic servo control Smart Power™: Controls traction speed to maintain optimum blade speed Front Drive: Double reduction planetary gear assembly Rear Drive: Mechanical axle Traction Assist: Full time front and rear hydraulic flow divider (4000-D standard), steering brakes (4100-D optional) Hydraulic Motors: 2-speed hydraulic motors Tires, Front: 26 x 12 - 12, 6-ply rating, MultiTrac Tires, Rear: 20 x 10 - 10, 6-ply rating, MultiTrac</p>	
COOLING SYSTEM	<p>Fan: SmartCool™ System - variable speed, temperature actuated reversing fan Pump Fan: Dual pump fan with bypass Intake: Top and rear Layout: Rear Radiator: 37 row, 6.3 fins per 25 mm (1"), single pass Hydraulic Oil Cooler: 9 row, 6.3 fins per 25 mm (1"), single pass</p>	
INSTRUMENTATION	<p>Mini InfoCenter™: Onboard LCD display shows gauges, alerts/faults, service reminders, electrical system diagnostics. Indicates fuel level, coolant temp, intake temperature, low oil pressure, alternator, engine hours, engine rpm, hydraulic oil temperature, voltage</p>	
SAFETY	<p>Certification: ANSI B71.4-2004 and CE machine directive 2006/42/EC, 2004/108/EC, and 2000/14/EC Optional Road Package Kit*: Dual taillights, dual headlights, slow moving vehicle sign, turn signals and flashing lights. Road Homologation Lights meet German Road Homologation requirements, per StVZO Sound Pressure Level: 91 dBA for the GM4000, 83 dBA for the GM4010, 91 dBA for the GM4100, 95 dBA for the GM4110(EN 836 ISO 11094)</p>	
*Non-CE		
CAPACITIES	<p>Fuel: 79.5 litres (21 gallons) Hydraulic: 30.3 litres (8 gallons)* Engine Oil: 7.6 litres (8 qt.)* Coolant: 12.3 litres (13 qt.)*</p>	
STEERING	<p>Uncut Circle: 0 in. diameter Turning Radius: 218 cm (60")</p>	
CUTTING DECKS	<p>Type: Three rear discharge rotary Cutting Width: Overall: 335 cm (132") Cutting Width: Center Deck: 137.1 cm (54") Cutting Width: One Wing Up: 226 cm (89")</p>	<p>Type: One rear discharge rotary Cutting Width: Overall: 315 cm (124") Front: 157.5 cm (62") Cutting Width: Wings: 106.7 cm (42") Cutting Width: Two Wings: 93 cm (37") ea.</p>
	Deck Protection – (Safely handles 8 km/h [5 mph] impacts)	
	Bidirectional impact absorption	Forward impact absorption
	<p>Height of Cut: 25-127 mm (1-5") in 13 mm (0.5") increments Construction: 11/12 gauge High Strength Steel. 7-gauge, reinforcements. Deck Drive: HybridDrive™ - Hydraulic motor to spindle, remaining spindle(s), driven by "B" section v-belts. Tensioning: Automatic, spring loaded idlers Spindles Shaft: 3.2 cm (1.25") hardened steel Spindle Housing: 22.9 cm (9") ductile iron Spindle Bearings: Greasable tapered roller</p>	
	Standard Blades: 55.2 cm (21.75") heat-treated steel blades	Standard Blades: 48.3 cm (19") heat-treated steel blades
	Optional Blades: Atomic™ mulching blades	
	Ground Following: Anti-scalp cup on each blade, adjustable skids on each deck, 4 anti-scalp rollers on front deck and 1 on each wing.	Ground Following: Anti-scalp cup on each blade, adjustable skids, 3 anti-scalp rollers on front deck and 1 on each wing.
	Leaf Mulching Kit: Available for both 4000-D & 4100-D	
OPERATOR STATION	<p>Seat: 4-way adjustable Suspension: Air-ride with 7.6 cm (3") of adjustability Storage: Toolbox, cup holder and radio holder ROPS: ISO 21299 certified. 12 V Power Outlet: Standard Operator Platform: Isolated platform Cab: Climate controlled cab with air conditioning and heater (Allied) Climate Controls: Air conditioning, heat, opening front and rear windows, ROPS certified, tinted glass, front wiper/washer, interior mirror, side mirrors</p>	
CONTROLS	<p>Deck Lift/Lower: Hydrostatic Traction Pedal: Foot-operated. Flyby wire reads foot position. Brakes: Internal wet disc, individual foot-operated</p>	

*Indicates preliminary specifications. Specifications subject to change. Please contact your Toro distributor for details. The Toro Company, 8111 Lyndale Ave. S., Bloomington, MN 55420-1196 ©2012. Printed in the U.S.A. **GB** Part Number: 200-xxxx