

TORO**Count on it.**

Groundsmaster[®] 4500-D/4700-D

F E A T U R E S

- Patented Contour™ Plus rotary cutting units for virtually no scalping
- Full-length striping rear rollers
- 9' and 12.5' width of cut
- 6.5" cutting unit overlap to eliminate streaking
- SmartCool™ system with auto-reversing cooling fan
- 4-Way Adjustable Seat and Air Ride Suspension
- Integrated ControlHub™ with fingertip electronic controls
- 58 hp Kubota® turbo-diesel engine
- Full-time, bi-directional 4WD
- Reliable planetary gear wheel drive system

More production, same extraordinary cut.

The new Groundsmaster[®] 4500-D and 4700-D continue to provide the clean quality of cut of a reel mower but with the maintenance ease of a rotary. Toro's exclusive new SmartCool™ system keeps your machine on the job and moving forward. Before things get too hot, SmartCool briefly reverses the cooling fan to blast chaff and debris from the intake screens. Smart? You know it. Cool? Definitely!

With a 58 hp turbo-diesel under the hood, and Contour™ Plus engineering inside the decks, the new Groundsmaster 4500-D and 4700-D are an unprecedented blend of powerful productivity and refined results.



SmartCool™ System

Groundsmaster[®] 4700-D



Groundsmaster[®] 4500-D



**Call your Toro distributor
at 1-800-803-8676**

www.toro.com

Groundsmaster® 4500-D/4700-D Specifications



ENGINE

Model	Kubota® V2403-M-T
Fuel	Diesel. Biodiesel compatible up to B20
Type	4 cylinder, turbocharged
Horsepower @ RPM	58 @ 2600 (43.3 kW)
Torque @ rpm (lb.-ft.)	125 @ 2000 (169 N•m)
Displacement	148.5 cu. in. (2.4 L)
Service Interval Oil Change	150 hours
Starting Aid	Glow plugs
Emissions	Tier IV-interim

GENERAL DATA

	GM4500-D	GM4700-D
Weight	4,400 lbs. (1,995 kg)	4,950 lbs. (2,245 kg)
Wheelbase	67.5 in (172 cm)	67.5 in (172 cm)
Length (w/decks down)	145.8 in (370 cm)	145.8 in (370 cm)
Overall Width (w/decks down)	112.8 in (286 cm)	153 in (391 cm)
Transport Width (w/decks raised)	88.3 in (224 cm)	88.3 in (224 cm)
Height w/ROPS	85 in (216 cm)	85 in (216 cm)
Ground Clearance	6 in (15 cm)	6 in (15 cm)

POWERTRAIN

4 Wheel Drive	Full-time bi-directional. Parallel hydrostatic, closed loop, two wheel drive in transport range
Traction Drive Pump	Variable displacement piston, servo control
Front Drive	Double reduction planetary gear assembly
Rear Drive	Mechanical axle
Traction Assist	Optional front and rear hydraulic flow divider (4000-D only), steering brakes
Tires, Front	29 x 14 - 15, 6-ply rating, MultiTrac
Tires, Rear	20 x 12 - 10, 4-ply rating, MultiTrac

COOLING SYSTEM

Fan	SmartCool™ System - variable speed, manual and temperature actuated reversing fan
Intake	Top and rear
Layout	Rear
Radiator	Cross flow, 7-row, 5 fins per inch
Hydraulic Oil Cooler	19-row, single pass, tilts out for service access

INSTRUMENTATION

Hour meter, fuel gauge, engine temperature gauge. Indicator lights for high temperature, oil pressure, alternator and glow plugs. Diagnostic indicator lights.

SAFETY

Certification	ANSI B71.4-2004 and applicable CE (machine directive 89/392, 91/368, 93/44, 84/538, 89/336 requirements)
Sound Pressure Level	90 dBA (EN 836 ISO 11094)

CAPACITIES

Fuel	22 gallons (83 L)
Hydraulic	8.3 gallons (31.3 L)
Engine Oil	10 qt. (9.5 L)
Coolant	13 qt. (12.3 L)

WARRANTY

Two-year limited warranty

CUTTING DECKS

	GM4500-D	GM4700-D
Type	Five Contour™ Plus 27" (68.6 cm) with rear rollers	Seven Contour™ Plus 27" (68.6 cm) with rear rollers
Cutting Width	Overall: 109" (277 cm) Overlap: 6.5" (16.5 cm) Overhang: 11" (28 cm)	Overall: 150" (381 cm) Overlap: 6.5" (16.5 cm) Overhang: 31.6" (80.3 cm)
Height of Cut	.75-4" (1.9-10.2 cm) in .25" (.6 cm) increments	
Construction	Welded construction, reinforced with channels and plates.	
Deck Drive	Hydraulic motor to spindle	
Spindle Shaft	1.25" (3.2 cm) hardened steel	
Spindle Housing	9" (22.9 cm) ductile iron	
Spindle Bearings	Greaseable tapered roller	
Standard Blades	27" (68.6 cm) heat-treated steel blades	
Optional Blades	Atomic™ mulching blades, high lift blades, angle sail blades	
Impact Protection	GM4700-D, wing decks only	
Ground Support (each deck)	Two, 5" (12.7 cm) diameter front rollers with stainless steel bearings and one, 3" (7.6 cm) diameter rear roller, with greaseable stainless steel bearings.	
Leaf Mulching Kit	Available for both 4500-D & 4700-D	

OPERATOR STATION

Seat	4-way adjustable
Suspension	Air-ride with 3 in. (7.6 cm) of adjustability
Steering	Power, adjustable tilt
Storage	Toolbox, cup holder and radio holder
ROPS	ISO 21299 certified
12V Power Outlet	Standard
Shutdown High Coolant Temp.	Standard
Work Lights	Standard

CONTROLS

Deck Lift/Lower	Two-position switch (4500-D) Three, 2-position switches (4700-D)
Traction Pedal	Foot-operated
Brakes	Internal wet disc, individual foot-operated steering brake control of left and right wheel. Lock pedals together and latch to engage parking brake.
Steering	Hydrostatic
Other	High/low range, PTO, throttle, lights, key switch, radiator fan.

ACCESSORIES

Options	Universal sunshade, traction flow divider kit, operator fan kit
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PRODUCTIVITY

	GM4500-D	GM4700-D
Maximum Mow Rate	7.6 acres/hr (3.1 ha/hr)*	10.5 acres/hr (4.3 ha/hr)*
Typical Mow Rate	5.4 acres/hr (2.2 ha/hr)†	7.5 acres/hr (3.0 ha/hr)†
Mowing Speed	FWD 0-7 mph (11.3 km/h) REV 0-3.5 mph (5.6 km/h)	FWD 0-7 mph (11.3 km/h) REV 0-3.5 mph (5.6 km/h)
Transport Speed	FWD 0-13 mph (21 km/h) REV 0-6.2 mph (10 km/h)	FWD 0-13 mph (21 km/h) REV 0-6.2 mph (10 km/h)

*7 mph, no overlap or stops † 5 mph, no overlap or stops

FUEL ECONOMY

	GM4500-D	GM4700-D
Acres Per Gallon*	3.4	4.4
Mowing Range**	13.8 hours	12.9 hours
Fuel Consumption**	1.6 Gal/Hr (6.06 L/Hr)	1.7 Gal/Hr (6.44 L/Hr)

*Typical Mow Rate/Gallons Per Hour

**Dependent on operator and turf conditions