



Groundsmaster® 4500-D & 4700-D Specifications

	GROUNDMASTER 4500-D MODEL 30856	GROUNDMASTER 4700-D MODEL 30868	
ENGINE	Kubota® V2003T, 4-cylinder, 117 ft.-lbs. of torque, liquid-cooled, turbo-charged diesel, 60 hp (45 kW) gross, 58 hp (43.5 kW) net, governed to 2600 RPM. 122 cu. in. (2.0 liter) displacement. 8 quart (7.6 liter) oil capacity.		
FUEL CAPACITY	21 gallon (79.5 liter) diesel fuel.		
TRACTION DRIVE	Full-time, bi-directional, hydrostatic, closed-loop, 4WD transmission. Variable displacement piston pump with servo control powers fixed displacement piston motors which drive single reduction planetary gear assemblies at each front wheel. Parallel hydraulic flow powers fixed displacement piston motor which drives mechanical axle in rear. 2WD transport range. Optional 4WD Flow Divider Kit, model 30830.		
WHEELS & TIRES	Front: 29 x 14-15, 6-ply ultra-trac tread. Rear: 20 x 12-10, 6-ply multi-trac tread.		
AIR CLEANER	Dry, replaceable primary and safety elements.		
GAUGES	Hour meter, fuel gauge, engine temperature gauge, indicator lights for glow plugs, high coolant temperature, charge indicator, and low oil pressure. Shutdown for high coolant temperature.		
CONTROLS	Ignition switch, hand-operated throttle, foot-operated traction pedal, mow/transport selector switch, lockable individual brake pedals, park brake lock, deck lift levers.		
GROUND SPEED	Transport: 0-13 mph (0-21 km/h) forward, 0-6.2 mph (0-10 km/h) reverse. Mow: 0-7 mph (0-11.3 km/h) forward, 0-3.5 mph (0-5.6 km/h) reverse.		
RADIATOR	Rear-mount, cross flow, 7-row, 5 fins per inch, 11 quart (10.4 liter) capacity.		
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.		
STEERING	Power steering with dedicated power source.		
ELECTRICAL	12 volt, 650 cold cranking amps battery, 40 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 with deck engaged, engine stops. Mowing only permitted in low range. Engine stops if parking brake engaged and traction pedal not in neutral.		
OPERATOR AREA	Multi-tiered beverage holder, radio holder, 12-volt power point, storage box (tools, jackets, golf balls, etc.). Area for lunch cooler, water cooler, and/or 5-gal. bucket. Seatbelt.		
HYDRAULICS/COOLING	8 gallon (30.3 liter) capacity with 2 micron remote spin-on filter, 9 row single pass cooler with tilt out for cleaning.		
DIAGNOSTICS	Diagnostics pressure test ports: forward and reverse traction, deck circuit 1 & 2, reverse 4WD, lift, steering, traction charge, and counter balance.		
ROPS	2-post standard, 4-post optional.		
DIMENSIONS W/ CUTTING UNITS		GM 4500-D	GM 4700-D
	Overall length w/decks down	145.8" (370 cm)	145.8" (370 cm)
	Overall width, lowered/raised	112.8" (286 cm)/88.3" (224 cm)	153.8" (391 cm)/88.3" (224 cm)
	Height w/2-post ROPS	85" (216 cm)	85" (216 cm)
	Wheelbase	67.5" (172 cm)	67.5" (172 cm)
	Track Width, front/rear	88.3" (224 cm)/55.5" (141 cm)	88.3" (224 cm)/55.5" (141 cm)
WEIGHT	4273 lbs. (1942 kg) - with full fluids.	4824 lbs. (2193 kg) - with full fluids.	
	CUTTING DECKS		
TYPE	Five Contour™ Plus 27" (68.6 cm), rear-discharge rotary cutting units w/rear rollers.	Seven Contour™ Plus 27" (68.6 cm), rear-discharge rotary cutting units w/rear rollers.	
WIDTH OF CUT	109" (277 cm), overlap 6.5" (16.5 cm), overhang 10.4" (26.4 cm).	Overall: 150" (381 cm), 109" (277 cm) with deck 6 and 7 raised. Overlap 6.5" (16.5 cm), overhang 30.9" (78.4 cm).	
MOWING RATE	Mows up to 7.6 acres/h (3.1 hectares/h) at 7 mph.**	Mows up to 10.5 acres/h (4.3 hectares/h) at 7 mph.**	
HEIGHT OF CUT	.75-4" (1.9-10.2 cm) in .25" (.6 cm) increments.		
CONSTRUCTION	10-gauge steel constructed chambers with 12-gauge welded reinforcements. 1.5" (3.8 cm) square x .25" (.6 cm) wall tube with 7-gauge side supports. Spindle support 3/16" (.48 cm) high-strength steel and 10-gauge exterior channels.		
SPINDLE ASSEMBLY	Ductile cast iron spindle housing. Dual greaseable tapered roller bearings. 1.25" (3.2 cm) diameter solid cold finished steel spindle shaft. Splined connection between spindle shaft and pulley. Welded blade retainer plus anti-scalp cups.		
GROUND FOLLOWING	6" (15.3 cm) anti-scalp cups on each blade. On each deck: two 5" (12.7 cm) diameter front rollers, one 3" (7.6 cm) diameter rear roller.		
BLADES	27" (68.6 cm) long, 2.5" (6.4 cm) wide, .25" (.64 cm) thick. Standard combo blade optional Atomic Blade for leaf mulching.		
WING PROTECTION	Groundsmaster 4700-D has an impact absorption device on wing decks 6 and 7.		
MULCHING KIT	Model 30828 will convert to mulching decks.		
CERTIFICATION	ANSI B71.4-2004, meets applicable CE requirements.		
WARRANTY	Two-year limited.		
ACCESSORIES	Leaf mulching kit, atomic mulching blades, canopy,*** 4WD flow divider kit, rear roller scraper kit, seat armrest kit, 4-post ROPS,*** cab*** (not available in the U.S.) Air ride seat suspension.		

* Specifications and design subject to change without notice.

**Assumes no overlaps or stops

***Allied Supplier

Certification complies with ANSI B71.4-1999 and applicable CE directives.

Warranty: Two year limited warranty. Refer to operator's manual for further details.

The Groundsmaster 4500-D and 4700-D are manufactured in Tomah, WI ISO 9002 Certified Plant.

