



Groundsmaster® 4500-D & 4700-D Specifications

	GROUNDMASTER 4500-D Model 30857	GROUNDMASTER 4700-D Model 30858																					
ENGINE	Kubota® V2403T, 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. 148.5 cu. in. (2.4 liter) displacement. 10 quart (9.5 liter) oil capacity.																						
FUEL CAPACITY	22 gallons (83 liters) diesel fuel. Biodiesel-Ready for use up to B-20 (20% biodiesel and 80% petrol blend).																						
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 30871.																						
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, two position switches for deck lift (GM 4500) 3 - two position switches for deck lift (GM 4700), Reverse fan two position switch (auto/manual reverse), 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, 13 quart (12.3 liters) 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, tilt steering.																						
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.																						
SEAT	Premium seat with adjustments for operator weight via air ride suspension, seat fore/aft position, seat back angle, arm rest height and retractable seat belt.																						
OPERATOR AREA	Beverage holder, radio holder, 12-volt power point, storage box (tools, jackets, golf balls, etc.), seatbelt.																						
HYDRAULICS/COOLING	8.25 gallon (31.3 liter) capacity with 10 micron remote spin-on filter, 9 row single pass cooler with tilt out for cleaning. Variable speed hydraulic fan drive with automatic (based on coolant and oil temps) and manual reversing capabilities.																						
WORK LIGHT	Standard.																						
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.																						
DIMENSIONS	<table border="1"> <thead> <tr> <th></th> <th>GM 4500-D</th> <th>GM 4700-D</th> </tr> </thead> <tbody> <tr> <td>Overall length w/decks down</td> <td>145.8" (370 cm)</td> <td>145.8" (370 cm)</td> </tr> <tr> <td>Overall width, lowered/raised</td> <td>112.8" (286 cm)/88.3" (224 cm)</td> <td>153.8" (391 cm)/88.3" (224 cm)</td> </tr> <tr> <td>Height w/2-post ROPS</td> <td>85" (216 cm)</td> <td>85" (216 cm)</td> </tr> <tr> <td>Wheelbase</td> <td>67.5" (172 cm)</td> <td>67.5" (172 cm)</td> </tr> <tr> <td>Track Width, front/rear</td> <td>88.3" (224 cm)/55.5" (141 cm)</td> <td>88.3" (224 cm)/55.5" (141 cm)</td> </tr> <tr> <td>Ground clearance</td> <td>6" (15.3 cm)</td> <td>6" (15.3 cm)</td> </tr> </tbody> </table>			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)	Ground clearance	6" (15.3 cm)	6" (15.3 cm)
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W/ CUTTING UNITS																							
WEIGHT	4400 lbs. (1995 kg) - with full fluids.	4950 lbs. (22452193 kg) - with full fluids.																					
FUEL ECONOMY	Acres per Gallon**** - 3.4 Mowing Range***** - 13.8 hours Fuel consumption***** - 1.6 Gal/Hr (6.06 L/Hr)	Acres per Gallon**** - 4.4 Mowing Range***** - 12.9 hours Fuel consumption***** - 1.7 Gal/Hr (6.44 L/Hr)																					
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).																					
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.																						
CERTIFICATION	ANSI B71.4-2004, meets applicable CE requirements.																						
WARRANTY	Two-year limited.																						
ACCESSORIES	Leaf mulching kit, atomic mulching blades, universal sunshade (30369), operator fan kit (110*8804), 4WD flow divider kit (30871), rear roller scraper kit, cab*** (not available in the U.S.), 2 post ROPS extension, windscreen, 90 amp alternator kit (115-8473), mulching kit (30836).																						

*Specifications and design subject to change without notice.

**Assumes no overlaps or stops

***Allied Supplier

****Typical Mow Rate/Gallons Per Hour

*****Dependent on Operator and turf conditions

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.

