



Groundsmaster® 4300-D

The Groundsmaster 4300-D provides superior hill climbing ability, a lightweight footprint and ample power with its 44 hp turbo diesel engine. Its five Contour Plus cutting units closely follow contours for an even cut on undulating terrain and heavy-duty rear rollers provide a beautiful striping pattern for spectacular results.





Groundsmaster® 4300-D Specifications*



GROUNDMASTER 4300-D, TIER 4 DIESEL, MODEL 30864 (A)															
ENGINE	Yanmar® 3-cylinder, 88.5 ft.-lbs. of torque, liquid-cooled, turbo-charged diesel, 43.4 hp (32.4 kW) 91.4 cu. in. (1.5 liter) displacement. 5.5 quart (4.7 liter) oil capacity. EPA Tier IV Final Compliant.														
AIR CLEANER	Dry, replaceable primary and optional safety element.														
RADIATOR	Rear-mount, cross flow, 7-row, 6.3 fins per inch, 5.5 quart (5.2 liter) capacity.														
FUEL CAPACITY	13.5 gallons (51.1 liters) diesel fuel. Biodiesel-ready for use up to B20 (20% biodiesel 80% diesel blend).														
TRACTION DRIVE	Front drive wheels powered by a hydrostatic pump with individual wheel motors. Parallel - Series Hydrostatic, closed loop 4 wheel drive, forward direction only. Variable displacement piston pump with direct displacement control, Standard all-wheel drive with CrossTrax® All-Wheel Drive system, which transfers power from the front wheels to the opposite rear wheels via independent rear wheel motors.														
HYDRAULICS/COOLING	14 gallon (53 liter) capacity with two remote spin-on filters; main system, and traction charge. Oil cooler is a double row single pass (11 fin/in) that tilts out for cleaning.														
DIAGNOSTICS	Diagnostics pressure test ports: forward and reverse traction, deck circuit 1 & 2, change 4WD, and lift.														
GROUND SPEED	Transport: 0-10 mph (0-16.7 km/h) forward, 0-3.5 mph (0-5.6 km/h) reverse. Mow: 0-7 mph (0-11.3 km/h) forward, 0-3.5 mph (0-5.6 km/h) reverse.														
TIRES	Front: 26.5 x 14-12, 6-ply turf tread. Rear: 20 x 12-10, 6-ply turf tread.														
MAIN FRAME	All welded formed-steel frame with integral tie-down anchors.														
BRAKES	8" mechanical drum-type front wheel brakes. Brakes may be actuated for service braking via left foot pedal. Integrated foot pedal lock provides parking brake. Dynamic braking through hydrostatic traction drive system.														
SEAT	Mechanical suspension seat standard with pivoting LH armrest, pivoting RH control arm and retractable seat belt, Air-Ride seat suspension optional.														
STEERING	Rear wheel, power steering with an independent hydraulic pump circuit.														
INSTRUMENTATION	InfoCenter™: Onboard LCD display shows gauges, alerts/faults, service reminders, electrical system diagnostics. Indicates fuel level, coolant temp, low oil pressure, alternator, engine hours, engine rpm, voltage, counterbalance settings, glow indicator, lift/lower indicator.														
CONTROLS	Ignition switch, foot-operated traction pedal, engine speed control, mow/transport selector switch, service brake with parking brake latch, joystick control for raising and lowering cutting units, mow/transport lever.														
ELECTRICAL	12-volt battery with 540 cold cranking amps, 55 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, decks stop. If operator leaves the seat with the unit out of neutral, engine stops. Mowing only permitted in low range. Engine stops if parking brake engaged and traction pedal not in neutral.														
OPERATOR AREA	Beverage holder, radio holder / mobile phone holder, 12-volt power outlet, open compartment for tools, jackets, golf balls, etc. under control arm.														
WORK LIGHTS	Standard.														
ROLL-OVER PROTECTION	2-post standard.														
DIMENSIONS W/ CUTTING UNITS & WEIGHT	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">Overall length w/decks down: 126" (320 cm)</td> <td style="width: 50%;">Traction Unit Weight: 3,205 lbs (1454 kg) - with full fluids and 5 cutting units.</td> </tr> <tr> <td>Overall width: 96.3" (245 cm) (outside of decks)</td> <td>Cutting Unit Weight: 140 lbs (64 kg) - single cutting unit assembly only.</td> </tr> <tr> <td>Overall transport width: 88.3" (224 cm) (outside of front tires)</td> <td></td> </tr> <tr> <td>Height w/2-post ROPS: 86" (215 cm)</td> <td></td> </tr> <tr> <td>Wheelbase: 60" (152.4 cm)</td> <td></td> </tr> <tr> <td>Track Width, front/rear: 88.3" (224 cm)/54" (137 cm)</td> <td></td> </tr> <tr> <td>Ground clearance: 5" (12.7 cm)</td> <td></td> </tr> </table>	Overall length w/decks down: 126" (320 cm)	Traction Unit Weight: 3,205 lbs (1454 kg) - with full fluids and 5 cutting units.	Overall width: 96.3" (245 cm) (outside of decks)	Cutting Unit Weight: 140 lbs (64 kg) - single cutting unit assembly only.	Overall transport width: 88.3" (224 cm) (outside of front tires)		Height w/2-post ROPS: 86" (215 cm)		Wheelbase: 60" (152.4 cm)		Track Width, front/rear: 88.3" (224 cm)/54" (137 cm)		Ground clearance: 5" (12.7 cm)	
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SAFETY	Complies with American National Standards Institute (ANSI B71.4-2004) and applicable ISO EN 5395 (CE) standards (machine directive 89/392, 91/368, 93/44, 84/538, 89/336) requirements.														
WARRANTY	Two-year limited.														
ACCESSORIES	Air ride seat suspension (03667), leaf mulching kit (108-7409-01), combination blade (108-7395-03), angle sail blade (117-0209-03) atomic mulching blade (114-0435), parallel sail blade (114-0434-03), white sunshade (30349), red sunshade (30552), rear roller scraper kit, (117-0149), operator fan kit (110-8804), 22" rotary replacement cutting unit (30845), diagnostic display box (85-4750).														
CUTTING UNITS															
TYPE	Five Contour™ Plus 22" (55.9 cm), rear-discharge rotary cutting units w/rear rollers.														
WIDTH OF CUT	90" (229 cm), overlap 5" (12.7 cm), overhang 1" (2.5 cm).														
HEIGHT OF CUT	.75"-4" (1.9-10.2 cm) in .25" (.6 cm) increments.														
DECK DRIVE	Hydraulic, direct coupled to spindle														
CONSTRUCTION	Cutting chamber is 10-gauge steel constructed chambers with 12-gauge welded reinforcements. Spindle support is 3/16" (.48 cm) high-strength steel and 10-gauge exterior channels. Cutting unit frame is welded 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 with sealed stainless steel bearings, one 3" (7.6 cm) diameter rear roller with greaseable stainless steel bearings.														
BLADES	22" (55.9 cm) long, 2.5" (6.4 cm) wide, .25" (.64 cm) thick. Standard: combo blade (108-7395-03)														

*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.

**Dependent on operator and turf conditions.

