

Groundsmaster® 4300-DContour Rotary Mower

FLOATS LIKE A BUTTERFLY, MOWS LIKE A TORO.

The Groundsmaster® 4300-D rotary mower continues to provide the clean quality of cut of a reel mower but with the maintenance ease of a rotary. With a 2.3 m (90") width of cut, the free-floating Contour™ Plus decks eliminate scalping, provide dramatic striping and deliver a picture perfect cut. Each of its five Contour™ Plus cutting units closely follows contours for an even cut on undulating terrain. The Groundsmaster® 4300-D has a lightweight footprint and CrossTrax® all-wheel drive for superior hill-climbing. The CrossTrax® system automatically transfers power from the front tyres to the opposite rear tyres to minimise spinouts and maximise traction on wet terrain. Its proven rugged frame, drivetrain and components ensure durability and long life.



FEATURES

• Powerful

43.4 hp (32.4 kW) Yanmar® 3-cylinder turbocharged diesel engine.

• Contour™ Plus

Rotary cutting units follow undulating terrain for virtually no scalping and full-length striping rear rollers make for an impeccable after cut appearance.

• Smart Power™

Automatically adjusts the mower's ground speed for the cutting conditions to maintain optimal power to the blades, taking the guesswork out of a consistent cut.

• Electronic Cruise Control

Easily keep a consistent speed and reduce fatigue while mowing large areas.

Productivity

Mow up to 2.6 ha/h (6.4 acres/h) with a 2.3 m (90") width of cut.

• InfoCenter™

The onboard LCD displays operating info and allows manager to customise settings for optimal operation.

• CrossTrax® All-Wheel Drive Sytem

All-wheel drive system for excellent traction on slopes and hills.

GROUNDSMASTER® 4300-D SPECIFICATIONS*

	GROUNDSMASTER 4300-D, TIER 4 DIESEL, MODEL 30879
ENGINE	Yanmar 3-cylinder, 120 N·m (88.5 ft-lbs) of torque, liquid-cooled, turbo-charged diesel, 43.4 hp (32.4 kW) 1.5 L (91.4 in²) displacement. 4.7 L (5.5 quart) oil capacity. Tier 4 Final, Stage V.
AIR CLEANER	Dry, replaceable primary and optional safety element.
RADIATOR	Rear-mount, cross flow, 7-row, 6.3 fins per inch, 5.2 L (5.5 quart) capacity.
FUEL CAPACITY	51.1 L (13.5 gallons) diesel fuel. Biodiesel-ready for use up to B20 (20% biodiesel 80% diesel blend).
TRACTION DRIVE	Electronically controlled hydrostatic pump with individual wheel motors. CrossTrax® All-Wheel Drive system standard, which transfers power from the front wheels to the opposite rear wheels via independent rear wheel motors.
HYDRAULICS/COOLING	53 L (14 gallon) capacity with two remote spin-on filters; main system, and traction charge, Oil cooler is a double row single pass that tilts out for cleaning.
DIAGNOSTICS	Diagnostics pressure test ports: forward and reverse traction, deck circuit 1 & 2, charge, 4WD, and lift.
GROUND SPEED	0-16 km/h (0-10 mph) forward transport; 0-12.8 km/h (0-8 mph) mow, factory default is 11.3 km/h (7 mph); 0-8 km/h (0-5 mph) reverse transport; 0-6.4 km/h (0-4 mph) reverse mow.
TYRES	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	Dynamic braking through hydrostatic traction drive. Parking brake is activated when engine is turned off, when operator leaves seat, or by rocker switch.
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	Single foot-operated traction pedal. Hand-operated key ignition switch, cutting unit raise/lower switch, cutting unit engage switch, parking brake switch, cruise control switch, and headlight switch all positioned on right hand pivoting control console.
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. 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, LED, 650 lumens
ROLL-OVER PROTECTION	2-post standard.
DIMENSIONS W/ CUTTING UNITS & WEIGHT	Overall length w/ decks down: 320 cm (126") Overall width: 245 cm (96.3") (outside of decks) Overall transport width: 224 cm (88.3") (outside of front tyres) Height w/ 2-post ROPS: 218 cm (86") Wheelbase: 15.2.4 cm (60") Track Width, front/rear: 224 cm (88.3")/ 137 cm (54") Ground clearance: 12.7 cm (5")
SAFETY	Complies with American National Standards Institute (ANSI B71.4-2012) and applicable ISO EN 5395 (CE) standards (machine directive 89/392, 91/368, 93/44, 84/538, 89/336) requirements.
WARRANTY	Two-year limited.
	CUTTING UNITS
TYPE	Five Contour™ Plus 55.9 cm (22"), rear-discharge rotary cutting units w/ rear rollers.
WIDTH OF CUT	2.3 m (90"), overlap 12.7 cm (5"), overhang 2.5 cm (1").
HEIGHT OF CUT	1.9–10.2 cm (0.75–4") in 0.6 cm (0.25") increments.
MOWING RATE**	2.6 ha/h (6.4 acres/h)
DECK DRIVE	Hydraulic, direct coupled to spindle
CONSTRUCTION	Cutting chamber is 10-gauge steel constructed chambers with 12-gauge welded reinforcements. Spindle support is 0.48 cm (¾6") high-strength steel and 10-gauge exterior channels. Cutting unit frame is welded 3.8 cm (1.5") square x 0.6 cm (0.25") wall tube with 7-gauge side supports.
SPINDLE ASSEMBLY	Ductile cast iron spindle housing. Dual greaseable tapered roller bearings. 3.2 cm (1.25") diameter solid cold finished steel spindle shaft. Splined connection between spindle shaft and pulley. Welded blade retainer plus anti-scalp cups.
GROUND FOLLOWING	15.3 cm (6") anti-scalp cups on each blade. On each deck: two 12.7 cm (5") diameter front rollers with sealed stainless steel bearings, one 7.6 cm (3") diameter rear roller with greaseable stainless steel bearings.
BLADES	55.9 cm (22") long, 6.4 cm (2.5") wide, 0.64 cm (0.25") 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.

^{**} Assumes max mow speed and 100% efficiency. Actual mowing rates may vary depending on operator and conditions.

GROUNDSMASTER® 4300-D ACCESSORIES*

TRACTION UNIT ACCESSORIES
Air Ride Suspension Seat
Universal Sunshade—White
Universal Sunshade—Red
Operator Fan Kit
Diagnostic Display Box
Golf Ball Operator Guard

CUTTING DECK ACCESSORIES
55.9 cm (22") Cutting Unit
Angle Sail Blade
Atomic Mulching Blade
Combo Blade
Leaf Mulching Kit
Sectional Rear Roller 55.8 cm (22")
Roller Scraper Kit

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The Groundsmaster 4300-D is manufactured in Tomah, WI ISO 9002 Certified Plant.

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