

TORO

Groundsmaster® 3200/3300

OUT-FRONT ROTARY MOWERS

F E A T U R E S

Power & Durability

- Powerful 24.7 HP (18.4 kW) or 36.8 HP (27.5 kW) Yanmar® EPA Tier 4/Stage V diesel engines
- Rugged 7-gauge high-strength steel rotary decks. Available 60" (152 cm) or 72" (183 cm) width of cut. Side and rear discharge options.

Performance

- CrossTrax® all-wheel drive provides superior traction
- Up to 8.3" (21 cm) ground clearance for exceptional maneuverability

Productivity

- Innovative tilt-up deck for easy cleaning and maintenance
- Up to 15 mph (24 km/h) ground speed
- 1"-6" (25-152 mm) height of cut with a simple and castor wheel and pin adjustment
- Comfortable operator platform
- Easy to access maintenance points

Versatility

- Rotary and Fine Cut Flail mowing decks available
- Year-round versatility with a variety of seasonal attachments
- Cab is standard on the 3310 model and optional on the 3300 model, which helps keep operators comfortable and productive all season long



A Revolution in Out-Front Rotaries.

Toro has been creating world-class out front rotary mowers for over 45 years.

We are continuing this legacy with the new Groundsmaster 3200/3300.

The Groundsmaster 3200/3300 delivers unparalleled productivity. Featuring a powerful 36.8 HP (27.5 kW) or 24.7 HP (18.4 kW) engine, CrossTrax® all-wheel drive and legendary Groundsmaster decks, the Groundsmaster 3200/3300 makes quick work in even the toughest terrain while delivering an exceptional quality of cut. From the fully-adjustable suspension seat and steering column, the fingertip engine controls and all-season cab model, this new mower is designed for all-day comfort. Routine maintenance is also easy with the Groundsmaster 3200/3300. The innovative Tilt-Up Deck design makes blade maintenance and deck cleaning simple. Additionally, all engine maintenance points are easily accessible to help ensure your Groundsmaster runs smoothly and reliably for years. Productivity, comfort, reliability. That's the all-new Groundsmaster 3200/3300.

toro.com/outfront

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Call your Toro distributor at 800-803-8676

Groundsmaster® 3200/3300 Specifications

	GROUNDMASTER 3200 2WD, MODEL 31900A*	GROUNDMASTER 3200 AWD, MODEL 31901A*	GROUNDMASTER 3300 AWD, MODEL 31902A*	GROUNDMASTER 3310 AWD CAB, MODEL 31903A*
ENGINE	Yanmar®, 3 Cylinder, liquid cooled diesel, Power: 24.7 HP (18.4kW) @ 3000 rpm, Torque peak: 50.9 ft.-lbs. (69 Nm) @ 2100 rpm. Displacement 1267cc. High Idle: 3230 rpm (no load). Remote mounted Donaldson air cleaner. Fuel filter water separator. EPA Tier 4 / Stage V compliant		Yanmar, 3 Cylinder, liquid cooled diesel, Power: 36.8 HP (27.5kW) @ 3000 rpm, Torque peak: 80.7 ft.-lbs. (109.4 Nm) @ 1950 rpm. Displacement 1642. High Idle: 3150 rpm (no load). Remote mounted Donaldson air cleaner. Fuel filter water separator. EPA Tier 4 / Stage V compliant	
RADIATOR	Rear mount, cross flow, 8.5 fins per 1" (25 mm), 7 quart (6.6 liter) capacity		Rear mount, cross flow, 8.5 fins per 1" (25 mm), 8 quart (7.6 liter) capacity	
FUEL CAPACITY	12 gallon (45 L)			
TRACTION DRIVE	2WD Parallel hydraulic traction system. Parallel hydraulic flow between the front wheel motors powered by hydrostatic pump		CrossTrax® AWD. Series/Parallel hydraulic traction system w/ full time, bi-directional 4-wheel drive. Parallel Series hydraulic flow between front and rear wheels.	
GROUND SPEED	Up to 12.5 MPH (20 km/h) Forward Up to 5.5 MPH (8.9 km/h) Reverse		Up to 15 MPH (24 km/h) Forward Up to 6 MPH (9.7 km/h) Reverse	
MOW SPEED	Up to 12.5 MPH (20 km/h) Forward		Up to 15 MPH (24 km/h) Forward	
MOWING RATE**	Mows up to 6.1 acres/h (2.4 hectares/h) with 60" deck Mows up to 7.3 acres/h (2.9 hectares/h) with 72" deck		Mows up to 7.3 acres/h (2.9 hectares/h) with 60" deck Mows up to 8.7 acres/h (3.5 hectares/h) with 72" deck	
MAIN FRAME	All welded tubular and formed steel			
IMPLEMENT DRIVE	Engine mounted 350 ft. lb. (475 Nm) rated electro-magnetic PTO clutch drives 2" (5 cm) telescoping shaft. Rotary deck connection allows for tip-up service position without disconnection of PTO. Optional Low RPM PTO engage feature.			
IMPLEMENT LIFT	Twin 2.5" (6.4 cm) bore, 1.25" (3.2 cm) rod hydraulic cylinders operate lift arms. Hydraulic counterbalance for optimum traction and stability.			
TIRES	Front: 23 x 10.5 - 12 4-ply, Rear: 16 x 6.5 - 8, 4-ply	Front: 23 x 10.5 - 12 4-ply, Rear: 18 x 9.5 - 8, 4-ply	Front: 24 x 12 - 12, 4-ply, Rear: 18 x 9.5 - 8, 4-ply	
BRAKES	Dynamic braking through hydrostat and foot pedal. Parking Brake: Hand-actuated drum type on front left and right traction wheels			
SEAT	Deluxe Bolstered Seat (model 31980), Mechanical Suspension Seat (Model 31981), Air Ride Suspension Seat (Model 31982)			
STEERING	Hydraulic Power Steering. Tilt steering wheel released and locked by a foot actuated lever			
OPERATOR AREA	Operator step, beverage holder, control arm, and retractable seat belt are standard			
INSTRUMENTATION	InfoCenter™: Onboard LCD display shows gauges, alerts/faults, service reminders, electrical system diagnostics. Indicates coolant temps, oil pressure, alternator voltage, engine hours, (36.8 HP models, engine RPM).			
CONTROLS	Foot-operated pedal for forward and reverse. Manually adjustable forward speed limiter. Control arm includes hand-operated throttle, PTO switch, deck/implement lift lower switch, ignition switch, (24.7 HP models, glow plug switch)			
ELECTRICAL	12V maintenance-free battery with 540 cold cranking amps at 0 degrees F (-18 degrees C). 80 minute reserve capacity at 80 degrees F (27 degrees C). 40-amp alternator on 24.7 HP models, 55-amp alternator on 37.4 HP models. Seat, PTO, lift/lower, traction and parking brake interlock switches. Easy access to fuse panel.			
GROUND CLEARANCE	7.8" (19.8 cm) traction unit only		8.3" (21 cm) traction unit only	
LENGTH	107" (271.7 cm)			
WIDTH	52" (132 cm)		53.5" (135.9 cm)	
HEIGHT	79" (200.6 cm) with ROPS up			89" (226 cm)
WHEELBASE	52" (132 cm)			
WEIGHT	1,751 lbs. (794 kg)		1,886 lbs. (855 kg)	
SAFETY CAB	Optional ROPS certified cab with heat only. Tempered curved windshield, tinted side and rear glass (50% tint); front wiper/washer; interior mirror and exterior side mirrors; SMV sign; road light kit and work light kit sold separately. All glass windows meets ANSI Z-26.1999 and ECE R43			Factory installed, ROPS certified cab with AC and heat. Tempered curved windshield, tinted side and rear glass (50% tint); front wiper/washer; interior mirror and exterior side mirrors; SMV sign; road light kit and work light kit sold separately. All glass windows meets ANSI Z-26.1999 and ECE R43
WARRANTY	Two-year limited warranty. Refer to operators manual for further information.			
ACCESSORIES	LED work light kit, LED road light kit, LED beacon kit, recycler kits, slope sensor kit, heat only cab, accessory control kit, storage box kit, USB charging kit, auxiliary hydraulic kit, hydraulic hose kit, SMV kit, storage bag kit, power harness kit			

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





Groundsmaster® 3200/3300 Specifications continued*

CUTTING DECK CONFIGURATIONS	CUTTING DECKS (SOLD SEPARATELY)			
	60" (152 CM) SIDE DISCHARGE DECK, MODEL 31970	72" (183 CM) SIDE DISCHARGE DECK, MODEL 31972	60" (152 CM) REAR DISCHARGE DECK, MODEL 31971	72" (183 CM) REAR DISCHARGE DECK, MODEL 31973
CONSTRUCTION	7-gauge (4.5 mm) high-strength steel top shell, 5.5" (14 cm) deep; welded deck with grass discharged on the right side. A 5/16" (8 mm) thick rubber discharge chute. Adjustable baffle to control throw distance of clippings.		7-gauge (4.5 mm) high-strength steel top shell, 5.5" (14 cm) deep; welded deck with a rear rubber flap to direct clippings down through the rear of the machine	
SERVICE POSITION	Cutting deck can tip up to the service position from the transport position to conduct routine maintenance quickly. Driveshaft stays connected during tip up.			
HEIGHT OF CUT	1"-6" (25 - 152 mm) adjustable in 0.5" (12.7 mm) increments.			
SPINDLE ASSEMBLY	Ductile cast iron 9" (23 cm) diameter conical spindle housing; Dual greaseable tapered roller bearings; Spindle shaft is 1.25" (3.2 cm) diameter steel, splined connection between spindle shaft and pulley; Welded blade retainer plus anti-scalp cups.			
CUTTER DRIVE	Solid mounted, splined PTO-driven gearbox transfers power to three separate spindles via one "B" section belt.			
BLADES	Three 0.25" (6 mm) thick, 2.5" (63 mm) wide, heat-treated steel blades.			
BLADE TIP SPEED	17,440 FPM (37hp T4 Engine) 18,600 FPM (24hp Engine)	17,470 FPM (37hp T4 Engine) 18,630 FPM (24hp Engine)	16,100 FPM (37hp T4 Engine) 17,175 FPM (24hp Engine)	15,940 FPM (37hp T4 Engine) 17,005 FPM (24hp Engine)
DECK SUSPENSION	Front: fixed, independent high-strength 2" x 0.1875" (5.08 x .47 cm) wall castor arm tubes support welded heavy-duty reinforced 0.375" (9.5 mm) high strength castor forks with 1.38" (3.5 cm) shafts. Semi-pneumatic (flat-free) 8.2" x 3.1" (20.8 x 7.8 cm) castor wheel with sealed ball bearings. Rear: vertical chain with 0.5" (1.27 cm) diameter pins.			
BELT IDLER	Greaseable, spring-loaded (torsion) idler			
DECK SKID	Replaceable, bolt-on, non-marking UHMW skid on both sides for rear discharge decks and on left side only for side discharge decks. Interchangeable left to right.			
ANTI SCALP	Anti-scalp cup located on each blade spindle. Additional anti-scalp gauge wheels.			
DECK COVERS	Quick-release type latches, no tools required. Thermoplastic polyolefin reduces weight and noise.			
LIFT ARMS	Independent lift arms from traction unit with counterbalance pressure set for optimum QOC and weight transfer.			
SHIPPING WEIGHT	450 lbs. (204 kg)	510 lbs. (231 kg)	460 lbs. (208 kg)	512 lbs. (232 kg)
OPTIONAL ACCESSORIES	Recycler kits, blade options (low sail, medium sail, high sail, atomic), blowout baffle		Recycler kits, blade options (low sail, medium sail, high sail, atomic)	

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Groundsmaster® 3200/3300 Attachments



CAB

Optional Accessories: LED Cab Light Kit, Cab Beacon Light Kit. GM3310 comes standard with a cab equipped with air conditioning and heat



SNOWTHROWER (ERSKINE)

This is the perfect blizzard battler, with 53" (134 cm) clearing width. 270 degree hydraulically adjustable discharge chute rotation. Mechanically-driven snow thrower.



ROTARY BROOM (M-B)

The 60" (152 cm) wide mechanically-driven rotary broom cleans and clears snow, dirt, debris and grass during any season. Hydraulic swing capable of 20° left or right of center. Choice of poly or combination poly/wire brooms.



BOSS® STRAIGHT-BLADE PLOW

BOSS snowplows are engineered to perform in the worst winter conditions. 60" (152 cm) clearing width. Fully hydraulic lift and angle adjustment to deliver maximum efficiency.



F60 FLAIL CUTTING DECK

TYPE	Out-front PTO-driven flail attachment
FRAME CONSTRUCTION	Welded, high strength, low weight steel frame body and 6mm end-plates.
FLAIL ROTOR CONSTRUCTION	4" (100mm) Diameter, dynamically-balanced flail rotor. Greaseable self-aligning roller bearings mounted in rigid mounted bearing housings. Rotor can be removed from frame without prior removal of bearings and bearing housings.
FLAIL TIP SPEED	152.4ft/sec (46.5m/s) tip speed at 2,900rpm
DRIVE SYSTEM	PTO drive from power unit through 90-degree gearbox. Final drive through twin banded XPZ belt to rotor.
BLADE TYPE	32x TEMPEST™ paddle-style flail blades
ROLLER	4" (100mm) Rear Roller for superb contour following and striped finish
LIFT ARMS	Dedicated lift arms are supplied as standard with the F60 to ensure close and accurate mating to the power unit, improving manoeuvrability and machine control
CASTOR WHEELS	8 x 3.50-4 4-Ply , pneumatic, sealed precision ball bearings
HEIGHT OF CUT	0.75"- 3" (20-75 mm), in 0.5" (13 mm) increments
WIDTH OF CUT	60" (152.4 cm)
MOWING RATE**	Up to 6.1 acres/h (2.4 hectares/h)
WEIGHT	564 lbs. (256 kg)
OVERALL DIMENSIONS	Width 67.9" (172.5 cm), Height 18.5" (47 cm), Length (w/o Lift Arms) 45.5" (115.5 cm), Length (w/ Lift Arms) 61.4" (156 cm)
OPTIONAL ACCESSORIES	Back-to-back 'Y' flail blades for rough mowing conditions, mulching (shredder) bar, fine cut baffle kit
WARRANTY	2 Years

	SUNSHADE
UNIVERSAL MOUNT SUNSHADE	White, Model 30669 / Red, Model 30671



PRO FORCE® DEBRIS BLOWER

Driven from PTO shaft off engine. Nozzle Rotation – 245°. Great visibility – out front of machine

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