

TORO

Groundsmaster® 3200/3300

OUT-FRONT ROTARY MOWERS

FEATURES

Power & Durability

- Powerful 24.7 HP (18.4 kW) or 37.4 HP (27.9 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 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 multi-season attachments
- Cab option 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 37.4 HP (27.9 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 optional all-season cab, 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 making 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 31900	GROUNDMASTER 3200 AWD, MODEL 31901	GROUNDMASTER 3300 AWD, MODEL 31902	GROUNDMASTER 3310 AWD CAB, MODEL 31903
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: 37.4 HP (27.9kW) @ 3000 rpm, Torque peak: 80.4 ft.-lbs. (109 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 hydraulic flow between front and rear wheels.		
GROUND SPEED	Up to 12.5 MPH (20 km/h)		Up to 15 MPH (24 km/h)	
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.			
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, retractable seat belt, standard			
INSTRUMENTATION	InfoCenter™: Onboard LCD display shows gauges, alerts/fauls, service reminders, electrical system diagnostics. Indicates coolant temps, oil pressure, alternator voltage, engine hours, (37.4 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)		53.1" (134.8 cm)	
HEIGHT	79" (200.6 cm) with ROPS up			89" (226 cm)
WHEELBASE	51.5" (130.8 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, beacon, recycler kits, slope sensor kit, optional cab (heat only)			

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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, 5.5" (14 cm) deep; welded deck with grass discharged on the right side. A 5/16" (8 mm) thick rubber discharge chute covers the discharge opening to limit the throw distance of clippings. Adjustable baffle.		7-gauge (4.5 mm) high-strength steel, 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.			
MOWING RATE**	Up to 4.2 acres (1.7 hectares) per hour	Up to 5 acres (2.1 hectares) per hour	Up to 4.2 acres (1.7 hectares) per hour	Up to 5 acres (2.1 hectares) per hour
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, solid cold finished 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 (3000 RPM)	17,500		16,000	
DECK SUSPENSION	Independent, 2" (5 cm) square tubing, lift/push arms each attached to separate castor arms.			
BELT IDLER	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			
LIFT ARMS	Independent lift arms and hydraulic weight transfer provide deck flotation.			
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, roller striper		Recycler kits, blade options (low sail, medium sail, high sail, atomic)	

	OPTIONAL ATTACHMENTS
CAB	Heat only cab that fits ROPS models.
UNIVERSAL SUNSHADE	Universal sunshade, red or white
ROTARY BROOM	60" (152 cm) clearing width, from M-B®.
SNOWTHROWER	53" (134 cm) clearing width, from Erskine®.
SNOW BLADE	60" (152 cm) straight blade, from BOSS®.

	60" (152 CM) F60 FLAIL CUTTING DECK, MODEL 02835
FRAME CONSTRUCTION	Welded, high strength steel frame
ROTOR CONSTRUCTION	4" (100 mm) diameter, dynamically balanced flail rotor. Greaseable tapered roller bearings mounted in rigid mounted bearing housings. Rotor can be removed from frame without prior removal of bearings and bearing housings.
HEIGHT OF CUT	0.75" - 4" (20-100 mm)
MOWING RATE**	Up to 4.2 acres (1.7 hectares) per hour
BLADES	32x TEMPEST™ paddle-style flail blades
BELT IDLER	Mechanical adjustable Idler. Locked with M20 bolt.
DECK SKID	Replaceable, bolt-on steel skid
CASTOR WHEELS	8 x 3.5-4 4-Ply, pneumatic, sealed ball bearings.
LIFT ARMS	Independent lift arms and hydraulic weight transfer provide deck flotation. Supplied complete with the flail.
SHIPPING WEIGHT	564 lbs. (256 kg)
OPTIONAL ACCESSORIES	Fine Cut Baffle Kit, Mulching Bar, Back to Back Flail Blades, Replacement Blade Kits, choice of 2x blades or 16x blades (2x per flail required)



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**Assumes 7 mph (11.3 km/h) mow speed, no overlap and 100% efficiency.

