

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 27.5 kW (36.8 hp) or 18.4 kW (24.7 hp) 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. In addition, all engine maintenance points are easily accessible to help ensure that your Groundsmaster runs smoothly and reliably for years. Productivity, comfort, reliability. That's the all-new Groundsmaster 3200/3300.



toro.com/outfront

FEATURES

Power and durability

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

Performance

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

Productivity

- Innovative tilt-up deck for easy cleaning and maintenance
- Up to 15 mph ground speed
- 25–152 mm (1–6") 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

GROUNDMASTER® 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 (18.4 kW) @ 3,000 rpm, torque peak: 69 N-m (50.9 ft-lb) @ 2,100 rpm. Displacement 1,267 cc. High idle: 3,230 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: 27.5 kW (36.8 hp) @ 3,000 rpm, torque peak: 109.4 N-m (80.7 ft-lb) @ 1,950 rpm. Displacement 1,642 cc. High idle: 3,150 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 25 mm (1"), 6.6-litre capacity		Rear mount, cross flow, 8.5 fins per 25 mm (1"), 7.6-litre capacity	
FUEL CAPACITY	45 litres			
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 forward Up to 5.5 mph reverse		Up to 15 mph forward Up to 6 mph reverse	
MOW SPEED	Up to 12.5 mph forward		Up to 15 mph forward	
MOWING RATE**	Mows up to 2.4 ha/h (6.1 acres/h) with 152 cm deck Mows up to 2.9 ha/h (7.3 acres/h) with 183 cm deck		Mows up to 2.9 ha/h (7.3 acres/h) with 152 cm deck Mows up to 3.5 ha/h (8.7 acres/h) with 183 cm deck	
MAIN FRAME	All welded tubular and formed steel			
IMPLEMENT DRIVE	Engine mounted 475 N-m (350 ft-lb) rated electro-magnetic PTO clutch drives 5 cm (2") telescoping shaft. Rotary deck connection allows for tip-up service position without disconnection of PTO. Optional low RPM PTO engage feature.			
IMPLEMENT LIFT	Twin 6.4 cm (2.5") bore, 3.2 cm (1.25") rod hydraulic cylinders operate lift arms. Hydraulic counterbalance for optimum traction and stability			
TYRES	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 12-2, 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 and electrical system diagnostics. Indicates coolant temps, oil pressure, alternator voltage, engine hours and engine RPM (27.5 kW (36.8 hp) models only)			
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, glow plug switch (18.4 kW (24.7 hp) models only)			
ELECTRICAL	12 V maintenance-free battery with 540 cold cranking amps at -18°C. 80-minute reserve capacity at 27°C. 40-A alternator on 18.2 kW (24.7 hp) models, 55-A alternator on 25.7 kW (37.4 hp) models. Seat, PTO, lift/lower, traction and parking brake interlock switches. Easy access to fuse panel			
GROUND CLEARANCE	19.8 cm (7.8") traction unit only		21 cm (8.3") traction unit only	
LENGTH	271.7 cm (107")			
WIDTH	132 cm (52")		135.9 cm (53.5")	
HEIGHT	200.6 cm (79") with ROPS up			226 cm (89")
WHEELBASE	132 cm (52")			
WEIGHT	794 kg (1,751 lb)		855 kg (1,886 lb)	
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 meet 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 warranty. Refer to the Operator's 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			

* 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.



CUTTING DECK CONFIGURATIONS	CUTTING DECKS (SOLD SEPARATELY)					
	152 CM (60") SIDE DISCHARGE DECK, MODEL 31970	183 CM (72") SIDE DISCHARGE DECK, MODEL 31972	152 CM (60") REAR DISCHARGE DECK, MODEL 31971	183 CM (72") REAR DISCHARGE DECK, MODEL 31973	152 CM (60") REAR DISCHARGE DECK, MODEL 31974	183 CM (72") REAR DISCHARGE DECK, MODEL 31975
CONSTRUCTION	7-gauge (4.5 mm) high-strength steel top shell, 14 cm (5.5") deep; welded deck with grass discharged on the right side. A 8 mm (5/16") thick rubber discharge chute. Adjustable baffle to control throw distance of clippings.		7-gauge (4.5 mm) high-strength steel top shell, 14 cm (5.5") 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	25-152 mm (1-6") adjustable in 12.7 mm (0.5") increments					
SPINDLE ASSEMBLY	Ductile cast iron 23 cm (9") diameter conical spindle housing; Dual greaseable tapered roller bearings; Spindle shaft is 3.2 cm (1.25") diameter steel, splined connection between spindle shaft and pulley; Welded blade retainer plus anti-scalp cups			Ductile aluminium 20.3 cm (8") diameter conical spindle housing; Dual sealed maintenance-free ball bearings; Spindle shaft is 2.5 cm (1") diameter, solid cold finished steel.		
CUTTER DRIVE	Solid-mounted, splined PTO-driven gearbox transfers power to three separate spindles via one "B" section belt					
BLADES	Three 6 mm (0.25") thick, 63 mm (2.5") wide, heat-treated steel blades			Three 5.2 mm (0.204") thick, 63 mm (2.5") wide, heat-treated steel blades.		
BLADE TIP SPEED	5,296 m/min (17,376 FPM)	5,622 m/min (18,445 FPM)	4,547 m/min (14,919 FPM)	5,126 m/min (16,818 FPM)	4,547 m/min (14,919 FPM)	4,537 m/min (14,884 FPM)
DECK SUSPENSION	Front: fixed, independent high-strength 5.08 x 0.47 cm (2" x 0.1875") wall castor arm tubes support welded heavy-duty reinforced 9.5 mm (0.375") high-strength castor forks with 3.5 cm (1.38") shafts. Semi-pneumatic (flat-free) 20.8 x 7.8 cm (8.2" x 3.1") castor wheel with sealed ball bearings. Rear: vertical chain with 1.27 cm (0.5") 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			Welded steel bumper on both sides of rear discharge deck.		
ANTI-SCALP	Anti-scalp cup located on each blade spindle. Additional anti-scalp gauge wheels			Anti-scalp gauge wheels		
DECK COVERS	Quick-release type latches, no tools required. Thermoplastic polyolefin reduces weight and noise			Single bolt secures covers		
LIFT ARMS	Independent lift arms from traction unit with counterbalance pressure set for optimum QOC and weight transfer					
SHIPPING WEIGHT	204 kg (450 lb)	231 kg (510 lb)	208 kg (460 lb)	232 kg (512 lb)	195 kg (430 lb)	218 kg (480 lb)
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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CAB

Optional accessories: LED cab light kit, cab beacon light kit. Groundmaster 3310 comes standard with a cab equipped with air conditioning and heat.



ROTARY BROOM (M-B)

The 152 cm (60") 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 centre. Choice of poly or combination poly/wire brooms.



F60 FLAIL CUTTING DECK

TYPE	Out-front PTO-driven flail attachment
FRAME CONSTRUCTION	Welded, high-strength, low-weight steel frame body and 6 mm (0.24") end plates
FLAIL ROTOR CONSTRUCTION	100 mm (4") 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	46.5 m/s (152.4 ft/sec) tip speed at 2,900 rpm
DRIVE SYSTEM	PTO drive from power unit through 90° gearbox. Final drive through twin banded XPZ belt to rotor
BLADE TYPE	32x TEMPEST™ paddle-style flail blades
ROLLER	100 mm (4") 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	20-75 mm (0.75-3"), in 13 mm (0.5") increments
WIDTH OF CUT	152.4 cm (60")
MOWING RATE**	Up to 2.4 ha/h (6.1 acres/h)
WEIGHT	256 kg (564 lb)
OVERALL DIMENSIONS	Width 172.5 cm (67.9"), Height 47 cm (18.5"), Length (w/o Lift Arms) 115.5 cm (45.5"), Length (w/ Lift Arms) 156 cm (61.4")
OPTIONAL ACCESSORIES	Back-to-back 'Y' flail blades for rough mowing conditions, mulching (shredder) bar, fine-cut baffle kit
WARRANTY	2 years



SNOWTHROWER (ERSKINE)

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



PRO FORCE® DEBRIS BLOWER

Driven from PTO shaft off engine. Nozzle rotation: 245°. Great visibility out of the front of the machine.

	SUNSHADE
UNIVERSAL MOUNT SUNSHADE	White: Model 30669 Red: Model 30671

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