

TORO Count on it.

Groundsmaster® 360 Quad-Steer™

F E A T U R E S

- Quad-Steer™ True all-wheel steering
- 2-wheel drive and 4-wheel drive models
- Kubota® 26.8 kW (36 hp), 4-cylinder, liquid-cooled diesel engine
- 183 cm (72") width of cut in either side discharge, rear discharge, or Guardian® Recycler® configuration
- CrossTrax® drive system standard for 4-wheel drive model
- All season factory-installed safety cabs with AC/heating
- Improved operator comfort with isolated seat platform

Seriously advancing the way you cut grass.

The all-new Toro Groundsmaster 360 reinvents the way a mower performs. Powered by a 26.8 kW (36 hp) Kubota® 4-cylinder diesel engine, this machine utilizes revolutionary Quad-Steer™ all wheel steering to maximize productivity. Climb hills without slipping. Make 180° turns without tearing turf. Hug the turns or side hills while driving in total comfort. Save time without sacrificing quality. Intuitive controls and unparalleled maneuverability turn work into play. But this is no toy. It's a performer in every sense of the word. A higher quality of cut, speed and efficiency, lasting dependability. Surprisingly, the world's most exhilarating mower is also the most efficient. The Groundsmaster 360 is the science and the art of mowing, a sensory experience you simply have to feel for yourself.



Groundsmaster® 360 Specifications



MODELS	GROUNDMASTER 360 - 2WD 30534, 30535, 30536	GROUNDMASTER 360 - 4WD 30537, 30538, 30539	GROUNDMASTER 360 - CAB 30540, 30541 & 30542
ENGINE	Kubota® 1505 4-cylinder, liquid-cooled diesel engine, 26.8 kW (36 hp) @ 3000 rpm		
FUEL CAPACITY	51.1 litres (13.5 gallons) diesel. Biodiesel Ready for use up to B-20 (20% biodiesel and 80% diesel blend).		
TRACTION DRIVE	Independent high-torque, low-speed wheel motors with 277 cc displacement.		
	Dual pump hydrostatic drive system with optional differential lock.	CrossTrax® drive system utilizing series parallel hydraulic drive circuit with full time forward and reverse 4WD. Patent pending.	
TIRES	Front & Rear: (All 4 tires and wheels are the same part number) 23/10.5x12 6 ply pneumatic tubeless, demountable and interchangeable. Tread Kenda K500 TL similar to "Toro Tuff Trac".		
AIR CLEANER	Dry, replaceable primary and safety elements		
GAUGES	Hour meter, fuel gauge, engine temperature gauge, indicator lights for glow plugs, high coolant temperature, battery charge, and low oil pressure. Automatic shutdown for high coolant temperature. 2WD lockout indicator light on 4WD units.		
CONTROLS	Ignition switch, hand-throttle, foot-operated traction pedal with mowing speed control stop, service brake with parking brake latch, switch for raising and lowering cutting unit.		
GROUND SPEED	Transport and Mow: Forward 0-22.5 km/h (0-14 mph), variable. Reverse 0-13.7 km/h (0-8.5 mph), variable.		
RADIATOR	Rear mount, cross flow, 6.5 fins per 25 mm (1"), 9.5 litre (10 quart) capacity		
MAIN FRAME	Rectangular structured steel tube and high strength steel plate welded construction.		
BRAKES	Service Brake: Foot pedal with dynamic braking through hydrostatic transmission. Parking Brake: foot actuated brake lever with two 20.3 cm (8") diameter drum brakes mounted on the rear wheel motors.		
STEERING	Quad Steer™ all wheel steer with four wheel Ackermann steering. Two turns Lock to Lock controlled via steering wheel and automatic synchronizing hydraulic cylinders. 4WD models have rear wheel steer lock out position, providing front two wheel steering (2WS).		
ELECTRICAL	12-volt, 60 amp internal regulated alternator/generator charging @ 3150 rpm. Battery: BCI Group No. 34, 690 cold cranking amps @ -17.78° C (0° F).		
INTERLOCKS	Prevents engine from starting unless traction pedal is in neutral and deck is disengaged. If operator leaves seat with deck engaged, engine stops. If operator leaves the seat with the unit out of neutral, engine stops. Engine stops if parking brake is engaged and traction pedal is not in neutral. High temp (PTO shuts down but engine remains running), Over temp (engine shuts down).		
SEAT	High back cushion vinyl seat with drain hole, deluxe low profile mechanical suspension, 10 cm (4") fore-aft travel with an additional 44 mm (1.75") foreword adjustment, armrests standard, retractable seat belt, lateral shock absorption.	Grammer low profile air ride suspension, cloth cushions, retractable seat belt, lateral shock absorption.	
OPERATOR AREA	Operator platform with isolated operator seat (all models). Storage area behind operator seat, 12 volt power outlet, and cup holder.		
HYDRAULICS/COOLING	11.4 litre (3 gallon) capacity, suction spin-on filter mounted to transmission, oil cooler 16.5 cm x 43.2 cm x 8.9 cm (6.5" x 17"x 3.5"). Bar and Plate Core; 6.5 serpentine fins per 25 mm (1").		
PTO CLUTCH	Hydraulically actuated wet multi disc clutch.		
ROLL-OVER PROTECTION	2 post Standard foldable ROPS certified per ISO/DIS 21299.2 specifications		
ALL-SEASON SAFETY CAB	NA	Factory installed, ROPS certified, pressurized cab with AC and heat. Tempered curved windshield, opening side window, opening rear window, emergency exit side window, tinted side and rear glass; front wiper/washer; interior mirror and exterior side mirrors; SMV sign; interior dome light.	
FUEL ECONOMY	.14 hectares/litre (1.27 acres/gallon)*, fuel consumption: 5.3 litres/h (1.4 gallons/hr)*		
SAFETY	Complies with American National Standards Institute (ANSI B71.4-2004)		
CERTIFICATION	Certified to meet SAE J2258. Certified to meet ISO/DIS 21299 for ROPS. Engine meets all applicable emission standards per the manufacturer. Certified to meet C-Tick 2004/108/EC/(EMC). Certified to meet the CE Machinery Directive.		
WARRANTY	Two year limited		

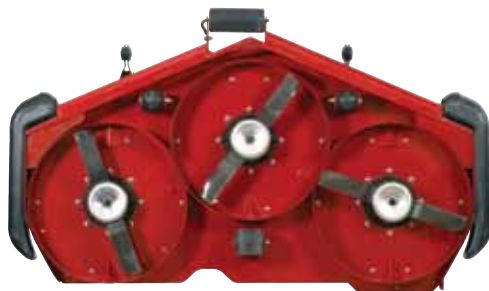
*Dependent on operator and turf conditions. Assume 85% efficiency for turns and overlap.

Groundsmaster® 360 Specifications



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DIMENSIONS & WEIGHT WITH CUTTING DECKS			
HEIGHT ROPS UP	198 cm (78")	198 cm (78")	183 cm (72")
OVERALL LENGTH	241.3 cm (95")	241.3 cm (95") 297 cm (117") with front Quick Attach System (QAS) only	
OVERALL WIDTH	198 cm (78") [183 cm (72") base deck]		
	190 cm (75") [183 cm (72") side discharge deck]		
	140 cm (55") wheel to wheel		
WHEELBASE	145 cm (57")		
ESTIMATED SHIPPING WEIGHT	1162 kg (2,562 lbs.)	1206 kg (2,658 lbs.)	1422 kg (3,134 lbs.)
GROUNDMASTER 360 ATTACHMENTS AND ACCESSORIES			
ALL MODELS	30511: Grammer seat with air ride suspension and vinyl cushions 119-8018: Spark arrestor kit 30547: Speed reduction kit 120-0256: Rotating beacon kit		
NON-CAB MODELS	30358: Bimini Canvas Shade 30359: Universal Mount Sunshade		NA
4WD MODELS	NA	115-0019: Electrical Accessory Kit 30509: Front Quick Attach System (QAS) with quick connects to PTO coupler and front attachment's hydraulic connections. Electrical accessory kit (PN 115-0019) required. 30378: V-Plow Mounting Kit 30750: 122 cm (48") V-Plow (V-Plow Mounting Kit 30378 required) Allied: Rotary Broom (M-B Companies model MCT) Allied: Snowthrower (Erskine Attachments) Allied: Straight Blade (M-B Companies)	
2WD MODELS	30508: Differential Lock	NA	NA
HOMOLOGATION KITS	30512: EU Road Homologation Light Kit 30513: North America Road Light Kit (includes headlights, red/amber flashers and turn signals) 115-0014: SMV Sign Kit		30516: EU Road Homologation Light Kit 30517: North America Road Light Kit (includes headlights, red/amber flashers and turn signals)
CUTTING DECKS			
HEIGHT OF CUT	25 - 152 mm (1"-6") adjustable in 6 mm (0.25") increments		
183 CM (72") SIDE DISCHARGE CONSTRUCTION	4.5 mm (7-gauge) steel 14 cm (5.5") deep; welded deck with grass discharged on the right side. An 8 mm (5/16") thick rubber discharge chute covers the discharge opening to limit the throw distance of clippings.		
183 CM (72") BASE DECK CONSTRUCTION	4.5 mm (7-gauge) steel 11 cm (4.25") deep; welded deck. Requires Guardian® Recycler® or rear discharge completion kit.		
GUARDIAN® COMPLETION KIT	Three deflectors inside the chamber redirect clippings that are elevated in the chambers so that they are cut and re-cut. Deck chambers prevent throwing of objects out from deck.		
CUTTER DRIVE	Splined PTO drives gearbox transferring power to three separate spindles via two separate belts. All spindles have 32 mm (1.25") diameter shafts mounted in 23 cm (9") conical housing with two greasable tapered roller bearings.		
BLADES	Three 6 mm (0.25") thick, 63 mm (2.5") wide, heat-treated steel blades.		
DECK SUSPENSION	Frame which supports deck via 4 vertically suspended chains. Front drag links provide fore/aft and left/right stability. Hydraulic deck lift with load holding check valves and gravity lower is standard component. Weight transfer system consisting of two torsion springs counterbalances some cutting deck weight to reduce turf damage.		
BELT IDLER	Spring loaded (torsion) idler.		
DECK SKID	Replaceable, bolt-on, non-marking UHMW skid on both sides for Base decks and on left side on side discharge decks. Interchangeable left to right on base decks.		
ANTI-SCALP CUPS	Anti-scalp cup located on each blade spindle.		

Groundsmaster® 360 Specifications



DECK OPTIONS	BASE	SIDE DISCHARGE (NON-CE)	SIDE DISCHARGE (CE)
WIDTH OF CUT	183 cm (72") with Guardian® kit, fine cut Guardian kit, or rear discharge kit	183 cm (72")	183 cm (72")
BLADE TIP SPEED @ 3250 ENGINE RPM	4877 m ± 305 m/min (16,000 ft ± 1,000 ft./min)	5486 m ± 305 m/min (18,000 ft ± 1,000 ft./min)	4877 m ± 305 m/min (16,000 ft ± 1,000 ft./min)
RUBBER DISCHARGE CHUTE	NA	Yes, 8 mm (5/16") thick	Yes, 8 mm (5/16") thick
CUTTING DECK DEPTH	108 mm (4.25")	140 mm (5.5")	108 mm (4.25")
DECK ANTI-SCALP ROLLERS	4	5	5
BUMPER SKIDS	2	1	1
CUTTING DECK SPECIFIC ACCESSORIES			
183 CM (72") SIDE DISCHARGE DECK (NON-CE)	30347: Recycler® Kit 108-5273: Leaf Mulching Kit 110-0621-03: Medium Flow Blade 110-0622-03: High Flow Blade 110-0624-03: Atomic® Mulching Blade 105-7272: Blade and Belt Kit		
183 CM (72") BASE DECK	30346: 183 cm (72") Fine Cut Guardian® Recycler Completion Kit 30549: 183 cm (72") Rear-Discharge Completion Kit for the Groundsmaster 360 108-1958: Standard Blade 105-7269: Tall Grass Baffle Kit - improves cut of tall grass with seed heads 105-7271: Standard Blade and Belt Kit 112-9586: Flat Blade [183 cm (72") Rear-Discharge, Guardian Deck only] 30304: 183 cm (72") Guardian Recycler Completion Kit		
183 CM (72") SIDE DISCHARGE DECK (CE)	105-7271: Standard Blade/Belt Kit 30347: Recycler Kit 108-5273: Leaf Mulching Kit 110-0621-03: Medium Flow Blade 110-0624-03: Atomic Mulching Blade 105-7272: Blade and Belt Kit 119-8020: Atomic Blade Kit 30507: CE Finishing Kit		



Count on it.

Products depicted in this brochure are for demonstration purposes only. *Specifications and design subject to change without notice. The Groundsmaster 360 is manufactured in Tomah, WI ISO 9002 Certified Plant. Actual products offered for sale may vary.
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