

Quad-Steer™ Maneuverability



The Groundmaster 360 from Toro utilizes Quad-Steer™, true all wheel steer with Ackerman four wheel steering to achieve a combination of maneuverability and control not experienced before in a mower. The principle of Ackermann steering enables the inside and outside tires to turn around a common pivot point in a corner or curve. If the tires did not turn around common point, the inside tire would slide sideways causing turf damage. The steering of the GM360 would feel less responsive to the operator. With a wider wheel stance, this Quad-Steer mower can navigate steep slopes and side hills while maintaining control and traction.

Simpler and Safer Operation



Familiarity with steering wheel operation vs stick steering enables operators to learn quickly how to mow cramped, difficult areas. The back of the machine follows within the width of the deck, allowing operators to trim and maneuver without damage to turf, equipment or property. During turns, the Quad-Steer™ utilizes the Automatic Speed Control (ASC) to modulate the ground speed to maintain control and minimize turf damage. Mow speed can be limited with an optional speed limiter that automatically reduces mow speeds to 8 – 10 mph.

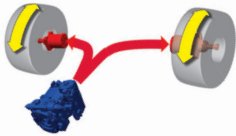
Reliable Powertrain



- Proven 36 hp Kubota® 1505-4 cylinder diesel engine, (EPA Tier 4 Interim compliant, B20 compatible)
- Integrated transmission with two independent closed loop pump circuits in a single housing to reduce maintenance, improve transmission durability and lower operator sound levels.
- Hydraulically actuated wet multi-disc clutch means no belts or electric clutches to maintain or service
- “Soft start” of hydraulically operated PTO reduces shock loads of mowing deck or other attachments ensuring long life to critical transmission components.
- Transmission directly mounted to engine via a bell housing giving a more efficient transfer of engine power and lower maintenance required with a drive shaft or belt power coupling

Differential Lock System

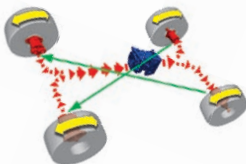
(2WD only)



The 2-wheel drive version of the Groundmaster 360 has as an optional electro-hydraulic differential lock. In the extreme cases where the operator wants the extra security of the differential lock system, we make it available.

CrossTrax™ Drive System

(4WD only)



The Groundmaster 360 uses a unique dual pump hydrostatic drive system for the most effective method of applying engine force to the wheels. This Series/Parallel system includes the CrossTrax traction circuit allowing the wheels to maintain the highest level of traction while minimizing wheel slipping in all conditions.

Two Wheel Steer Lockout

(4WD only)



The 4-wheel drive version of the Groundmaster 360 utilizes a unique steering lockout system which when activated locks the rear wheels straight while allowing the front wheels to steer like a car. This allows the operator to drive the unit at higher road speeds while maintaining maximum control or mowing long straight run along paths. For example, the operator uses 2 wheel steering, while mowing along a long path, making it easier to mow a straight line. At the end of the straight run, he re-engages 4 wheel steer making a quick and tight turn without damaging the turf.

All Season Safety Cab

(4WD only)



The factory installed, permanent cab protects the operator with a four-post, rollover protection structure (ROPS), tempered safety glass and climate controlled environment. The operator platform is isolation mounted to reduce noise and vibration. The rear and side windows open for ventilation. A windshield washer and wiper help maintain visibility when the weather turns bad. Cloth Grammar seat with Air Ride suspension comes standard.

All Season Use

with Quick Attach System (QAS) (4WD only)



Use one machine all year round. The 4-wheel drive version of the Groundmaster 360 has an optional quick attach system (QAS) for front attachments. This allows change over of attachments by one person in a matter of 60 seconds. Winter attachments include snow thrower, rotary broom, angled blade, and v-plow. These same attachments also function with the GM7200 PolarTrac™ QAS.

Ergonomics



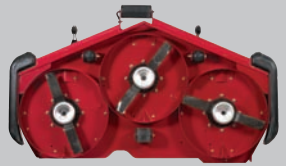
The Groundmaster 360's design optimizes the operator comfort and ease of operation. From the position of key controls at the operators fingertips to the exceptional line of sight forward, to the sides, and rearward, the Groundmaster 360 has been designed to make the task of mowing easier, safer and faster for the operator.

Cutting Deck Drive



- Splined PTO drives gearbox transfers power to three separate spindles via two separate heavy-duty B section belts
- Belt tension maintained by a spring loaded idler
- Dual belts are changed without removing gearbox.
- Advantage of a dual belt system versus a single belt is the quicker wear of the single belt due to the excessive serpentine belt routing. Replacing a single belt will require the removal of the gearbox.

Rugged Deck Construction



- High strength 7-gauge welded steel deck construction
 - 33% thicker and 75% stronger than competitive decks made from ordinary 10-gauge steel
 - Thicker construction resists cracking and sand abrasion
 - Welded construction puts steel reinforcement in high stress areas like corners and around spindle supports
 - Stamped decks have thinner walls in high stress corners
- Bull-nose bumper
 - Increased durability of cutting deck's leading edge
 - Minimizes blowout of grass and dust
- Patent-pending weight transfer system that lightens the deck by 20%, improving the mowing deck's ground following capability
- Deck is offset to the left side to improve trimming around obstacles. For the 72" decks, deck offset is 113/8" from outside of left wheel to left trim side

Heavy Duty Spindle Assembly



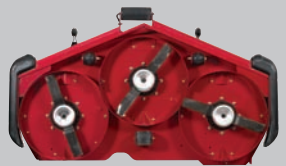
- Complete spindle design is similar to those used the larger Toro Groundmaster machines like the Groundmaster® 4000.
- Tested to take a beating that would destroy most spindle assemblies
- Ductile cast iron spindle housing is large in diameter (9" at base) to dissipate impact loads.
- Dual tapered roller bearings last up to six times longer than ball bearings
- Splined shaft distributes loads more equally versus a keyway design
- Spindle shaft is made of harden steel and is 1 1/4" diameter, 25% thicker than competitive spindles
- Anti-scalp cup located all three-blade spindles
- All spindles are greaseable via zerks assessable from top of deck

Height of Cut Adjustment



- HOC is set using a hole and pin system common in the industry and can be set from 1 to 6 inches in 1/4" increments. There is also a transport setting that raises the deck over 6".
- Change the HOC by raising the deck hydraulically and putting the pin in the corresponding HOC hole. Deck can be temporarily raised by lifting the deck slightly to avoid a tree root, litter, or other obstacle, or cut at a higher HOC when a grass area is thicker or taller than surrounding turf.

72" Base Deck



Guardian® Recycler® or Rear Discharge configuration

- As a Guardian Recycler deck, a patented vertical discharge system with a shallow deck depth offers improved safety and clipping management by forcing clippings to be cut and recut.
- 4 anti-scalp rollers
- Replaceable bolt-on bumper skids on both sides
- 3 Medium sail blade
- Blade tip speed is approximately 16,000 fpm

72" Side Discharge Deck



- Blade tip speed is approximately 18,000 fpm (comparable to other Toro Zs); higher tip speed helps disperse the clippings up to three cutting widths beyond the discharge chute giving a better after cut appearance
- Drawback with higher tip speed is higher noise levels for the operator
- Patented rubber discharge deflector helps disperse clippings evenly while protecting tree bark from damage
- Metal and rigid plastic discharge deflectors tend to be damaged by trailer wheel wells
- Replaceable bolt-on skids on left or trim side only
- Five anti-scalp rollers
- Optional equipment for side discharge deck only are the following: recycler kit, leaf mulching kit, Atomic blades and high sail blades