

**TORO**

Count on it.

# Groundsmaster® 360 100" Articulating Cutting Deck

## F E A T U R E S

- Requires Groundsmaster 360 mower with greater than 32 hp
- Rear discharge, full width of deck
- Wing decks articulate 15 degrees, up or down
- 1"– 5" (2.54 –12.7 cm) cutting height, adjustable in 0.25" (0.63 cm) increments
- Wing decks fold up hydraulically for transport



## Seriously advancing productivity.

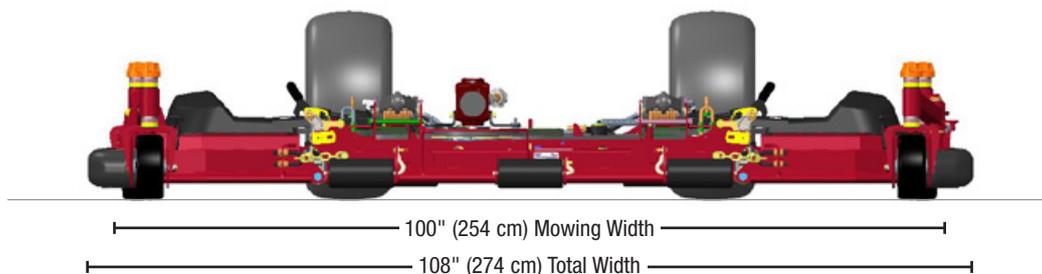
The Groundsmaster® 360, with its faster ground speed compared to out-front mowers, plus a 100" (254 cm) cutting deck equals a "lower cost to operate" solution for large area mowing. Increase your acres per hour mowing capacity up to 38% over a typical 72" (182.8 cm) deck by using a 100" wide deck! Mounts to any Groundsmaster® 360 mower with a 35 hp or larger engine and is built to last. This 5-blade cutting deck system is PTO-driven and consists of a centre deck with three, 18" (45.7 cm) cutting blades and two wing decks, each with a single, 25" (63.5 cm) cutting blade. Wing decks articulate 15 degrees up or down during mowing, but cannot be operated independently. During transport or trailering, the wing decks fold up hydraulically so you can quickly move to the next location. The PTO automatically shuts off when the wing decks are raised or deck articulation exceeds 15 degrees – for safe and easy operation.



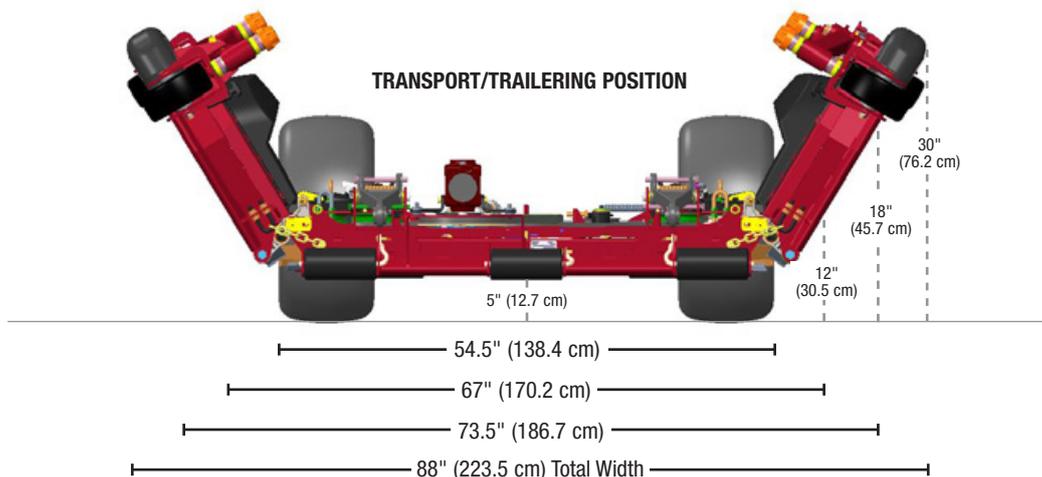
# Groundsmaster® 360 – 100" Articulating Cutting Deck Specifications\*

	100" CUTTING DECK, MODEL 31101
<b>HEIGHT OF CUT</b>	1"-5" (25 - 127 mm) adjustable in 0.25" (6 mm) increments
<b>WIDTH OF CUT</b>	100" (254 cm), by five blades
<b>DECK CONSTRUCTION</b>	Centre deck with two wing decks; Welded .120" (11 gauge) high strength steel with steel .180" (7 gauge) stiffener plates and .1046" (12 gauge) chambers.
<b>DISCHARGE</b>	Rear Discharge – complete width of deck.
<b>WING DECK ARTICULATION</b>	15 degrees, up or down.
<b>SPINDLE ASSEMBLY</b>	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, and splined connection between spindle shaft and pulley; Welded blade retainer plus anti-scalp cups.
<b>CUTTER DRIVE</b>	Isolation mounted, PTO driven gearbox with 1.25:1 spiral bevel gears. "B" section belt drive to all spindles.
<b>BLADES</b>	Wing Decks: 25.2" (64 cm) long, 0.25" (6 mm) thick, 2.5" (63 mm) wide, heat treated steel blade in each wing; Centre Deck: Three 18" (45.7 cm) long, 0.25" (6 mm) thick, 2.5" (63 mm) wide, heat treated steel blades.
<b>BLADE TIP SPEED</b>	16,000 ± 1,000 ft/min at 3250 engine rpm
<b>DECK SUSPENSION</b>	Centre deck is supported via 4 vertically suspended chains to the frame of the machine. Wing decks are supported by pin connections to centre deck and castor wheels on the ground. Hydraulic deck lift includes load holding check valves and gravity lower.
<b>CASTOR WHEELS</b>	Four 8 x 3.50-4, 4-ply, smooth, pneumatic, sealed precision ball bearings. Tensioning caps, made from impact modified thermoplastic alloy, are used to hold the castor wheels on the castor arms.
<b>BELT IDLER</b>	Fixed and spring loaded idlers.
<b>DECK SKID</b>	Replaceable, bolt-on, non-marking UHMW skid on both sides.
<b>DECK ANTI-SCALP ROLLERS</b>	5
<b>ANTI-SCALP CUPS</b>	Anti-scalp cup located on each blade spindle.
<b>DECK COVERS</b>	Steel and plastic with rubber latch connectors.
<b>CUTTING DECK DEPTH</b>	4.25" (108 mm)
<b>WING DECK TRANSPORT LOCKS</b>	Manual latches (standard)
<b>WEIGHT</b>	Approximately 790 lbs (358 kg)
<b>WIDTH</b>	Mow: 108" (274 cm) Transport: Overall width with wing decks raised: 88" (223.5 cm); centre deck is 54.5" (138.4 cm) wide and 5" (12.7 cm) off ground when raised.
<b>REQUIRED EQUIPMENT</b>	Specific completion kit for each Groundsmaster 360 model with > 32 hp engine. Check with Toro Dealer for details
<b>CERTIFICATION</b>	Cutting unit meets specification of American National Standard ANSI B71.4-2012, Safety Specifications for commercial turf care equipment. Cutting unit meets specifications of European standard prEN836, CE approved.
<b>MOWING RATE</b>	Mow up to 8.0 acres/hr (3.2 hectare/hr) at 8 mph (12.9 km/hr). Assumes no overlap and 100% efficiency.
<b>WARRANTY</b>	Two year limited. Refer to operator's manual for further details.

## MOWING POSITION



## TRANSPORT/TRAILERING POSITION



\*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 design, required attachments and safety features. Consult your local Toro Dealer.