

**TORO**

# Groundsmaster® 7210

## Small Area Rotary Mower

### NEVER TAKES A DAY OFF.

The Groundsmaster 7210 is a zero turn rotary mower rugged enough to be called a Groundsmaster®. Powerful 36.8 hp (27.4 kW), 3-cylinder, liquid-cooled diesel engines get the job done well. Durable heavy duty 7-gauge (4.5 mm) welded deck construction and the industry's toughest spindle assembly provide long life. Use the Groundsmaster 7210 for more than mowing with the added versatility for removing snow, grooming infields and blowing leaves.



[toro.com/7200](https://toro.com/7200)

### F E A T U R E S

- 36.8 hp (27.4 kW) Yanmar® diesel engine
- Integrated direct-drive transmission
- Quick Attach System™ (QAS)—no tools required
- 7-gauge (4.5 mm) welded steel cutting decks
- Hydraulic deck lift
- Polar Trac® system—mow-to-snow versatility

GROUNDMASTER 7210 (30695)*	
<b>ENGINE</b>	Yanmar®; 3-cylinder common-rail, liquid-cooled, diesel with EGR and diesel particulate filter (DPF), 36.8 hp (27.4 kW) rated @ 3,000 rpm, 80 ft-lbs @ 1,950 rpm, high idle 3,000 rpm, low idle 1,400 rpm, displacement 1,642 cc. Remote mounted Donaldson air filter, external spin-on oil filter and high flow fixed fan. EPA Tier IV Final compliant.
<b>RADIATOR</b>	Rear mount, cross flow, 6.5 fins per 1" (25 mm), 8 qt (7.6 L) capacity
<b>FUEL CAPACITY</b>	11.5 gal (43.5 L), diesel. Biodiesel-ready for use up to B-20 (20% biodiesel and 80% petroleum blend)
<b>ENGINE OIL W/ FILTER</b>	5.5 qt (6.1 L)
<b>HYDRAULIC OIL</b>	3.5 gal (13.25 L)
<b>TRANSMISSION</b>	Transmission directly mounted to engine via bell housing, two independent closed-loop circuits. One pump/motor controlling left side forward, neutral, and reverse, and one pump/motor controlling right side forward, neutral, and reverse. Pumps are variable displacement piston type with slippers and full stroke capacity of 18 cc/rev.
<b>WHEEL DRIVE</b>	Independent high-torque, low-speed wheel motors with 310 cc displacement.
<b>PTO CLUTCH</b>	Hydraulically actuated wet multi-disc clutch.
<b>STEERING CONTROL</b>	Adjustable twin sticks with high performance hydraulic dampers. Rev/N/Forward, located on sides of operator.
<b>GROUND SPEED (MOWING CONFIGURATION)</b>	Forward 0–12.5 mph (0–20 km/h), variable. Reverse 0–8.5 mph (0–13.7 km/h), variable.
<b>ALTERNATOR/GENERATOR</b>	12 V, 55 A internal regulated charging @ 3,150 rpm.
<b>BATTERY</b>	BCI Group No.: 26, 540 cold cranking amps @ 0°F (-18°C).
<b>INSTRUMENTATION</b>	<b>InfoCenter™</b> : Onboard LCD display shows gauges, alerts/faults, service reminders, electrical system diagnostics. Indicates, coolant temp, intake temperature, low oil pressure, alternator, engine hours, engine rpm, hydraulic oil temperature, voltage
<b>SAFETY LOGIC CONTROLS</b>	Toro Standard SCM.
<b>INTERLOCKS</b>	Tractor neutral, operator presence (engine shuts down if operator is not in seat and traction sticks are moved to the operation position), parking brake, PTO on, auxiliary hydraulics on, high temp (PTO shuts down but engine still running), over temp (engine shuts down).
<b>SERVICE BRAKE</b>	Twin levers with dynamic braking through hydrostatic transmission.
<b>PARKING BRAKE</b>	Hand actuated brake lever with two 10.25" (260 mm) diameter disc brakes mounted on the rear wheel motors.
<b>DRIVE TIRES</b>	24 x12-12, 6-ply pneumatic tubeless, demountable and interchangeable. Tread "Toro Turf Tread".
<b>FRONT CASTOR TIRES</b>	4-ply ribbed tread, tubeless 15 x 6-6, 20-22 psi (1.4-1.5 bar).
<b>ROLLOVER PROTECTION (ROPS)</b>	Two-post foldable style ROPS certified per OSHA 1928.52 specification.
<b>SEAT</b>	Two piece, high back cushion seat with drain hole, deluxe low profile suspension, adjustable for operator weight, seat back angle, seat fore/aft position, armrest height, retractable seat belt.
<b>STORAGE</b>	Built-in cup holder, and personal storage reached from seat. Storage for rain gear, tools, etc.
<b>IGNITION</b>	Off/run/start, located right of operator.
<b>THROTTLE</b>	Low-high idle, located right of operator.
<b>DECK HYDRAULIC LIFT</b>	Raise/hold/lower/float; switch located on at end of right handle.
<b>REAR HYDRAULIC LIFT (OPTIONAL)</b>	Raise/hold/lower/float. Electric switch right side of operator. Remote hydraulics selector switch, located on right console.
<b>CURB CLIMBING</b>	Capable of climbing 8" (20.3 cm) curbs.
<b>TIE DOWNS</b>	Four loops, one located on each corner of the machine.
<b>FUEL ECONOMY**</b>	1.1 gal/h (4.8 L/h)
<b>CERTIFICATION</b>	Cutting unit meets specification of American National Standard ANSI B71.4-2012, Safety Specifications for commercial turf care equipment. Cutting units sold in EU meets specifications of European standard per ISO EN 5395
<b>WARRANTY</b>	2-year warranty. Refer to the Operator's Manual for further details.

\*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)	
	72" SIDE DISCHARGE*	72" DECK WITH REAR DISCHARGE KIT
<b>DECK MODEL NUMBER</b>	30481	30353
<b>COMPLETION KIT (BLADES AND BAFFLES)</b>	NA	30549
<b>WIDTH OF CUT</b>	72" (182.8 cm)	
<b>BLADE TIP SPEED (@3,250 ENGINE RPM)</b>	18,000±1,000 ft/min (5,486±305 m/min)	16,000±1,000 ft/min (4,877±305 m/min)
<b>5/16" (8 MM) THICK RUBBER DISCHARGE CHUTE</b>	Yes	
<b>CUTTING DECK DEPTH</b>	5.5" (13.9 cm)	4.25" (10.8 cm)
<b>DECK ANTI-SCALP ROLLERS</b>	5	4
<b>BUMPER SKIDS</b>	1	2
<b>LEAF MULCHING KIT</b>	PN 108-5273	N/A
<b>STRIPING KIT</b>	105-7273	N/A
<b>RECYCLER KIT</b>	30347	N/A
<b>TALL GRASS BAFFLE KIT</b>	N/A	PN 105-7269
<b>MEDIUM FLOW BLADE</b>	PN 110-0621-03	N/A
<b>HIGH FLOW BLADE</b>	PN 110-0622-03	N/A
<b>ATOMIC MULCHING BLADE</b>	PN 110-0624-03	N/A
<b>FLAT BLADE</b>	N/A	PN 112-9586
<b>STANDARD BLADE</b>	N/A	PN 108-1958
<b>BLADE AND BELT KIT</b>	PN 105-7272	PN 105-7271
<b>MOWING RATE**</b>	5.8 acres/h (2.3 ha/h)	
<b>SHIPPING WEIGHT</b>	600 lbs (272 kg)	472 lbs (214 kg)
<b>HEIGHT OF CUT</b>	1–6" (25–152 mm) adjustable in 0.25" (6 mm) increments.	
<b>DECK CONSTRUCTION</b>	7-gauge (4.5 mm) 5.5" steel (14 cm) deep; welded deck with grass discharged on the right side. An 5/16" (8 mm) thick rubber discharge chute covers the discharge opening to limit the throw distance of clippings.	7-gauge (4.5 mm) 4.25" steel (11 cm) deep; welded deck. Requires Guardian® Recycler® or rear discharge completion kit.
<b>FINE CUT GUARDIAN® RECYCLER COMPLETION KIT</b>	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.	
<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, splined connection between spindle shaft and pulley; Welded blade retainer plus anti-scalp cups.	
<b>CUTTER DRIVE</b>	Isolation mounted, splined PTO-driven gearbox transfers power to three separate spindles via two separate "B" section belts.	
<b>BLADES</b>	Three 0.25" (6 mm) thick, 2.5" (63 mm) wide, heat-treated steel blades.	
<b>DECK SUSPENSION</b>	Frame which supports deck via 4 vertically suspended chains. Front drag links provide fore/aft and left/right stability. Hydraulic deck lift includes load holding check valves and gravity lower. Weight transfer system consisting of two torsion springs counterbalances some cutting deck weight to reduce turf damage.	
<b>BELT IDLER</b>	Spring-loaded (torsion) idler.	
<b>DECK SKID</b>	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.	
<b>ANTI-SCALP CUPS</b>	Anti-scalp cup located on each blade spindle.	

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\*\* Assumes 8 mph mow speed, no overlap and 100% efficiency.



PART NUMBER	MOWING UNIT ACCESSORIES & KITS
30240	Traction Unit CE Kit
30685	Rear Discharge Deck CE Kit
30679	Side Discharge Deck CE Kit
31508	EU Light Kit
30374	Road Light Kit (30382 required, not required for Polar Trac® system)
30382	12 V Power Port/Electrical Accessory Kit
112-1688	Spark Arrestor Kit (30495)
114-4050	Slow Moving Vehicle (SMV) Sign
30483	Jack Stand Kit
110-6406	Semi-Pneumatic Tire Assembly (front caster wheel)
103-6771	Lug Tire (use in applications requiring greater traction) Does not work with rear discharge deck configuration

DIMENSIONS	GROUNDMASTER 7210 WITH CUTTING DECKS	GROUNDMASTER 7210 WITH POLAR TRAC® SYSTEM & NO ATTACHMENT
HEIGHT ROPS UP	72" (182.8 cm)	
OVERALL LENGTH	97" (246.4 cm)	100" (254 cm)
OVERALL WIDTH	78" (198.2 cm) (72" (182.8 cm) base deck) 75" (190.5 cm) (72" (182.8 cm) side discharge)	49.5" (125.7 cm)
WHEELBASE	57" (144.8 cm)	N/A

	POLAR TRAC SYSTEM
GENERAL	Polar Trac system converts the Groundsmaster 7210 into a snow removal machine complete with two rubber tracks and a climate controlled cab. Estimated conversion time is four hours for two people. Consists of two models: Cab (30474), Tracks and Front Frame: (30675)
TRACTION DRIVE	Three wheels per side with rear wheel mounted in place of mower traction wheel. Front two wheels are mounted to a walking axle that permits motion without losing track tension. Track tread is made of a Kevlar® reinforced rubber compound designed to maintain traction on snow and ice.
GROUND SPEED	8 mph (12.9 km/h)
SAFETY CERTIFICATIONS	Complies with American National Standards Institute (ANSI B71.4-2012) and applicable CE(machine directive 89/392, 91/368, 93/44, 84/538, 89/336) requirements; ROPS certified ISO21299; Glass meets ANSI Z-26.1999 and ECE R43; EMC compliant
HYDRAULIC LIFT	Two foot pedals located on center of Polar Trac floor board; Left pedal: Raise/Lower/Hold/Float. Right pedal: Attachment angle control-right/left.
ATTACHMENT SYSTEM	Quick-attach A-mount on a hydraulically powered lift arm. PTO coupler to attachment is a quick connect as are the connections for the hydraulic connectors.
ATTACHMENT CONTROLS	Two foot pedals in Polar Trac; one pedal controls the lift and lower of the attachment. The other pedal controls either the rotation of the snow blower discharge chute or the angular position of both the rotary broom and straight blade.
SNOW ATTACHMENTS	Snow blower, rotary broom, angled snow blade and powered V-plow. (Allied Attachments)
POLAR TRAC® CAB	ROPS certified cab is heated and pressurized with the following standard features: heater, pressurized heater/fan, heavy-duty pantograph front windshield wiper and washer, front windshield has 40" (102 cm) of visibility, interior mirror, fold away exterior side mirrors, molded front fenders, tinted full glass; rear window and both doors, rear window opens, quick release right side window act as emergency exit, rubber sound isolator cab mounts and upholstered interior panels and headliner, textured neoprene floor mat, interior dome light.
CAB LIGHT SYSTEM	Standard lighting consisting of head lamps, turn signals, flashers and tail lamps. Meets ANSI/SAE S279.12 (Lighting and Marking of Agricultural Equipment on Highways).

PART NUMBER	POLAR TRAC SYSTEM ATTACHMENTS
30675	Polar Trac Frame and Rubber Tracks (required)
30474	Polar Trac Cab (required)
ALLIED	Rotary Broom (M-B Companies model MCT)
ALLIED	Snowthrower (Erskine Attachments)
ALLIED	Straight Blade (M-B Companies)
30382	12V Power Port/Electrical Accessory Kit

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SNOWTHROWER, ERSKINE MODEL 1600**	
STAGE	2
WIDTH OF CUT	53" (135 cm)
CUTTING HEIGHT	22" (56 cm)
CUTTING EDGE	51" (130 cm) bolt-on
SKID SHOES	Adjustable/hardened
AUGER DIAMETER	12" (30 cm) open flight
FAN DIAMETER	16" (41 cm)
CHUTE ROTATION	Hydraulic
SHEAR PROTECTION	Pressure relief
CASTING DISTANCE	Up to 25' (7.62 m)
APPROX. SHIPPING WEIGHT	418 lbs (190 kg)
HOSES	Included



POWERED V-PLOW, M-B MODEL V-PLOW***	
CONFIGURATION	This implement combines two useful snow attachments, V-plow and angled blade, into one.
ANGLING	0-30°, left and right, hydraulically
BLADE WIDTHS	Straight: 57.5" (146 cm)
	"V": 50" (127 cm)
	Scoop: 48.25" (123 cm)
	Angled: 61" (155 cm)
BLADE HEIGHT	23" (58 cm)
CUTTING EDGE	Bolt-on, trip edge
SKID SHOES	Adjustable, cast-hardened



ROTARY BROOM, M-B MODEL MCT***	
TYPE	<b>MECHANICAL</b>
	Windrow type, front mounted mechanical drive broom. Hydraulic angling, 30° left and right.
SWING	Swing pivot point inline with 50° CV joint
BROOM SIZE	25" (63.5 cm) diameter brush, 60" (152 cm) width
BRUSH	Sectional brush with choice of polypropylene, wire or combination radial segments
SHIPPING WEIGHT	500 lbs (227 kg)
OPTIONS	Hydraulic Swing Cylinder, Electric Swing Mechanism, Dirt Deflector, Storage Stands



SUNSHADE	
UNIVERSAL SUNSHADE	Model 30669 (White), 30671 (Red)
SWITCH PANEL	03248
OPERATOR COOLING FAN	03247
LED WORK LIGHTS	138-2700
BEACON	138-2699
BIMINI CANVAS	Model 30358

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\*\*Manufactured by Erskine. Attachment model ES1600. The Toro Company does not manufacture or sell the snowthrower, nor does Toro guarantee these accessories in any manner whatsoever.

\*\*\*Manufactured by M-B Companies, Inc.

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The Groundmaster 7210 is manufactured in Tomah, WI ISO 9002 Certified Plant.



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