

# **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®. It has a powerful Yanmar® 36.8 hp (27.4 kW) 3-cylinder, liquid-cooled diesel engine to get the job done well. Durable heavy-duty, 7-gauge welded steel deck construction, the industry's toughest spindle assembly, and shaft-driven cutting decks make this Groundmaster hard to beat.



#### FEATURES

#### Direct-Drive Transmission

Coupling the transmission directly to the engine eliminates drive belts and creates an efficient and robust powertrain system that requires less maintenance and service.

#### Industry's Toughest Deck and Spindle Assembly

The Groundsmaster® 7210 cutting decks stand up to the rigours of everyday use with high strength, 7-gauge welded steel construction that resists cracking. In fact, Toro decks are 33% thicker and 85% stronger than competitive decks made from ordinary 10-gauge steel. The decks also employ heavy-duty spindle assemblies with a 9" (23 cm) diameter base to absorb impacts that would damage most other assemblies.

#### Bull-nose Bumper

This unique design provides durablity and minimises blowout of grass and dust. The leading edge is raised %" (6.4 mm) so grass stands up straight for a cleaner cut.

#### • 72" (182.8 cm) Side Discharge Deck

A blade tip speed of 18,000 ft./min assures a cleaner cut without sacrificing mowing speed. The patent-pending rubber discharge deflector disperses clippings evenly while protecting trees and other objects from damage.

#### 72" (182.8 cm) Rear Discharge or Guardian® Recycler® Deck

Completion kits (rear discharge or Guardian® Recycler®) allow you to finish a base deck

for rear discharge or recycling modes. The patented vertical discharge system offers improved safety and clipping management by forcing the clippings to be cut and re-cut.

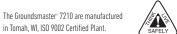
#### • All-day Comfort and Maximised Productivity

The ideal choice for productivity and operator comfort. It's capable of a 20.9 km/h mow/ transport speed and the 43.5 litres fuel tank is large enough for a full day of mowing. The hydraulic deck lift, zero turn stick operation, deluxe suspension seat and cup holder ensure operator comfort and reduce fatigue.



# **Groundsmaster® 7210 Specifications**

	GROUNDSMASTER 7210 (30695)*		
ENGINE	Yanmar®; 3-cylinder common-rail, liquid-cooled, diesel with EGR and diesel particulate filter (DPF), 36.8 hp (27.4 kW) rated @ 3000 rpm, 80 ft-lbs @ 1950 rpm, High idle 3000 rpm, Low idle 1400 rpm, displacement 1642 cc. Remote mounted Donaldson air filter, external spin-on oil filter and high flow fixed fan. EPA Tier IV Final Compliant.		
RADIATOR	Rear mount, cross flow, 6.5 fins per 1" (25 mm), 8 quart (7.6 liter) capacity		
FUEL CAPACITY	11.5 gallons (43.5 liters), diesel. Biodiesel-Ready for use up to B-20 (20% biodiesel and 80% petroleum blend)		
ENGINE OIL W/ FILTER	5.5 quarts (6.1 liter)		
HYDRAULIC OIL	3.5 gallons (13.25 liter).		
TRANSMISSION	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.		
WHEEL DRIVE	Independent high-torque, low-speed wheel motors with 310 cc displacement.		
PTO CLUTCH	Hydraulically actuated wet multi-disc clutch.		
STEERING CONTROL	Adjustable twin sticks with high performance hydraulic dampers. Rev/N/Forward, located on sides of operator.		
GROUND SPEED (MOWING CONFIGURATION)	Forward 0-12.5 mph (0-20 km/h), variable. Reverse 0-8.5 mph (0-13.7 km/h), variable.		
ALTERNATOR/GENERATOR	12-volt, 55 amp internal regulated charging @ 3150 rpm.		
BATTERY	BCI Group No.: 26, 540 cold cranking amps @ -17° C.		
INSTRUMENTATION	InfoCenter <sup>TM</sup> : 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		
SAFETY LOGIC CONTROLS	Toro Standard SCM.		
INTERLOCKS	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).		
SERVICE BRAKE	Twin levers with dynamic braking through hydrostatic transmission.		
PARKING BRAKE	Hand actuated brake lever with two 10.25" diameter disc brakes mounted on the rear wheel motors.		
DRIVE TYRES	24 x12-12, 6-ply pneumatic tubeless, demountable and interchangeable. Tread "Toro Turf Tread".		
FRONT CASTOR TYRES	4-ply ribbed tread, tubeless 15 x 6-6, 20-22 psi.		
ROLLOVER PROTECTION (ROPS)	Two-post foldable style ROPS certified per OSHA 1928.52 specification.		
SEAT	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.		
STORAGE	Built-in cup holder, and personal storage reached from seat. Storage for rain gear, tools, etc.		
IGNITION	Off/run/start, located right of operator.		
THROTTLE	Low - high idle, located right of operator.		
DECK HYDRAULIC LIFT	Raise/hold/lower/float; switch located on at end of right handle.		
CURB CLIMBING	Capable of climbing 8" (20.3 cm) curbs.		
TIE DOWNS	Four loops, one located on each corner of the machine.		
FUEL ECONOMY	1.1 gallons/hr (4.8 liters/hr)		
CERTIFICATION	Cutting unit meets specification of American National Standard ANSI B71.4-2012, Safety Specifications for commercial turf care equipment.		
WARRANTY	2-year limited warranty. Refer to the Operator's Manual for further details.		





## **Groundsmaster® 7210 Specifications (continued)**

	CUTTING DECKS (SOLD SEPARATELY)*		
CUTTING DECK CONFIGURATIONS	72" (182.8 cm) DECK W/GUARDIAN® KIT OR FINE CUT GUARDIAN® KIT	72" (182.8 cm) SIDE DISCHARGE	72" (182.8 cm) DECK W/REAR DISCHARGE KIT
DECK MODEL NUMBER	30353	30481	30353
COMPLETION KIT (BLADES AND BAFFLES)	30304	NA	30472
WIDTH OF CUT	72" (182.8 cm)	72" (182.8 cm)	72" (182.8 cm)
BLADE TIP SPEED (@3250 ENGINE RPM)	16,000±1,000 ft./min.	18,000±1,000 ft./min.	16,000±1,000 ft./min.
5/16" THICK RUBBER Discharge Chute	NA	Yes	Yes
CUTTING DECK DEPTH	4.25" (10.8 cm)	5.5" (13.9 cm)	4.25" (10.8 cm)
DECK ANTI-SCALP ROLLERS	4	5	4
BUMPER SKIDS	2	1	2
LEAF MULCHING KIT	NA	PN 108-5273	NA
STRIPING KIT	NA	105-7273	NA
RECYCLER KIT	NA	30347	NA
TALL GRASS BAFFLE KIT	PN 105-7269	NA	PN 105-7269
MEDIUM FLOW BLADE	NA	PN 110-0621-03	NA
HIGH FLOW BLADE	NA	PN 110-0622-03	NA
ATOMIC MULCHING BLADE	NA	PN 110-0624-03	NA
FLAT BLADE	NA	NA	PN 112-9586
STANDARD BLADE	PN 108-1958	NA	PN 108-1958
BLADE AND BELT KIT	PN 105-7271	PN 105-7272	PN 105-7271
MOWING RATE (ACRES/HR)**	5.8	5.8	5.8
SHIPPING WEIGHT	472 lb (214 kg.)	600 lb (272 kg.)	472 lb (214 kg.)
HEIGHT OF CUT	1"-6" (25 - 152 mm) adjustable in 0.25" (6 mm) incre	ments.	
72" SIDE DISCHARGE DECK CONSTRUCTION	7-gauge (4.5 mm) 5.5" steel (14 cm) deep; welded de discharge opening to limit the throw distance of clipp	ck with grass discharged on the right side. An 5/16" (8 mmings.	n) thick rubber discharge chute covers the
72" BASE DECK CONSTRUCTION	7-gauge (4.5 mm) 4.25" steel (11 cm) deep; welded deck. Requires Guardian® Recycler® or rear discharge completion kit.		
FINE CUT GUARDIAN® RECYCLER 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.		
SPINDLE ASSEMBLY	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.		
CUTTER DRIVE	Isolation mounted, splined PTO-driven gearbox transfers power to three separate spindles via two separate "B" section belts.		
BLADES	Three 0.25" (6 mm) thick, 2.5" (63 mm) 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 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.		
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.		



<sup>\*</sup>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. Consult your local Toro distributor.

 $<sup>^{\</sup>star\star}$  Assumes 8 mph mow speed, no overlap and 100% efficiency.



### **Groundsmaster 7210 Accessories**

PART NUMBER	MOWING UNIT ACCESSORIES	
30374	Road Light Kit (30382 required)	
30382	12V 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 Tyre Assembly (front caster wheel)	
103-6771	Lug tyre (use in applications requiring greater traction) Does not work with rear discharge deck configuration	

DIMENSIONS	GROUNDSMASTER 7210 WITH CUTTING DECKS	GROUNDSMASTER 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	WHEELBASE 57" (144.8 cm) NA	

	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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The Groundsmaster\* 7210 are manufactured in Tomah, WI, ISO 9002 Certified Plant.



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See your local Toro distributor for details on all warranties.

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Many of the products you will find in certified Toro distributors' stores come with a warranty or guarantee from The Toro Company. In addition, our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure. Full details of your consumer rights may be found at www.consumerlaw.oovau.













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