

# Groundsmaster® 5900/5910 Specifications



## ENGINE

Model	Cummins® QSB3.3
Fuel	Diesel. Biodiesel compatible up to B20
Type	4 cylinder, turbocharged, intercooled
Horsepower @ RPM	99* @ 2630 (73.8 kW)
Torque @ rpm (lb.-ft.)	306 @ 1600 (415 N•m)
Displacement	199 cu. in. (3.3 L)
Fuel Injection	Electronic high-pressure common rail
Service Interval	250 hours
Starting Aid	Intake air heater
Emissions	Tier 3

\*Electronically limited.

## GENERAL DATA

5900 Weight	5,966 lbs. (2,706 kg)
5910 Weight	6,457 lbs. (2,929 kg)
Wheelbase	76 in (194 cm)
Length	175 in (445 cm)
Mow Width	192 in (488 cm)
Transport Width	99 in (251 cm)
5900 Height	89 in (226 cm)
5910 Height	93 in (236 cm)
Ground Clearance	9.5 in (24 cm)

## POWERTRAIN

4 Wheel Drive	Parallel hydrostatic, closed loop
Traction Drive Pump	Variable displacement piston, servo control
Front Drive	Planetary gear type, double reduction
Rear Drive	High torque, low speed hydraulic motors
Traction Assist	Front and rear hydraulic flow divider, steering brakes
Tires, Front	29 x1 2.50-15, 10-ply
Tires, Rear	23 x 10.50-12, 6-ply

## COOLING SYSTEM

Fan	SmartCool™ System - variable speed, temperature actuated reversing fan
Intake	Top and rear
Layout	Rear
Oil Cooler	Tilts out for service access
Radiator	Cross flow, 4 row
Intercooler	Cools air from turbo for improved power, fuel economy and emissions control

## INSTRUMENTATION

### InfoCenter™

Onboard LCD display shows gauges, alerts/faults, service reminders, electrical system diagnostics. Indicates fuel level, coolant temp, intake temperature, low oil pressure, alternator, engine hours, engine rpm, hydraulic oil temperature, voltage

## SAFETY

Certification	ANSI B71.4-2004
Lights	Headlights, red and amber flashers, turn signals, tail lights, brake lights
SMV Sign	Rear mounted

## CAPACITIES

Fuel	35 gallons
Hydraulic	19 gallon (72 L)
Engine Oil	8.5 qt. (8 L) w/filter
Coolant	13.5 qt. (12.8 L) 5900    18.0 qt. (17.0 L) 5910

## CUTTING DECKS

Type	Three rear discharge rotary
Cutting Width	16 ft. (488 cm), 57 in. (145 cm), 92 in. (234 cm), 144 in. (366 cm)
Height of Cut	1-6" in 0.5" increments
Construction	11/12 gauge High Strength Steel. 7-gauge, reinforcements, bullnose bumper.
Protection	Wing decks: 2-way shock absorption
Deck Drive	HybridDrive™ - Hydraulic motor to spindle, remaining spindle(s), driven by "B" section v-belts.
Tensioning	Automatic, spring loaded idlers
Spindles Shaft	1.25" (3.2 cm) hardened steel
Spindle Housing	9" (22.9 cm) ductile iron
Spindle Bearings	Greasable tapered roller
Standard Blades	20 in. (50.8 cm), heat-treated steel blades
Optional Blades	Atomic™ mulching blades
Skids	Reversible polymeric

## OPERATOR STATION

Operator Platform	Isolated, rubber mounted
Seat	4-way adjustable
Suspension	Air-ride with 3 in. (7.6 cm) of adjustability
Steering	Power, adjustable tilt
Traction Pedal	Adjustable angle, uses position sensor
Storage	Toolbox, cup holder, radio holder, phone holder, and behind seat (area for cooler, trash bucket, etc.)
ROPS	ISO 21299 certified
12V Power Outlet	Standard
Audio System	Optional 5910 aftermarket accessory

## CONTROLS

ControlArm	Right armrest, travels with seat and suspension
Deck Lift/Lower	Electrohydraulic switches
Throttle	Electronic, 3 position or variable
Traction Pedal	Electronic
Brakes	Internal wet disc
Steering	Hydrostatic, load sensing
Other	High/low range, PTO, cruise control, hydraulic flow divider, lights, key switch

## CAB (5910)

Climate Controls	Air conditioning, heat, opening front and rear windows.
Other	Factory installed, ROPS certified, tinted glass, front wiper/washer, interior mirror, side mirrors

## WARRANTY

**Two-year limited warranty**

## PERFORMANCE

Sound Level	87 dBA (5910), 92 dBA (5900)
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## PRODUCTIVITY

Maximum Mow Rate	20.7 acres/hr (8.4 ha)*
Typical Mow Rate	9.6 acres/hr (3.9 ha)†
Mowing Speed	Forward 0-10.8 mph (17.4 km/h) Reverse 0-5.7 mph (9.2 km/h)
Transport Speed	Forward 0-20 mph (32.2 km/h) Reverse 0-10.5 mph (16.9 km/h)
Speed Control	Electronic, limits max speed

\*10.8 mph, no overlap or stops    † 5 mph, no overlap or stops

## STEERING

Uncut Circle	0 in. diameter
Turning Radius	86 in. (218 cm)

## FUEL ECONOMY

Acres Per Gallon*	4.3 (5900), 3.8 (5910)
Mowing Range	15.8 hours 5900, 13.7 hours 5910
Fuel Consumption	5900 2.22 Gal/Hr (8.4 L/Hr) 5910 2.55 Gal/Hr (9.7 L/Hr)

\*Typical Mow Rate/Gallons Per Hour