



## Tournament Ultra+ Model 7590 Specifications

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<b>CONFIGURATION</b>	A gasoline engine powered, hydraulic drive, riding golf course greens roller. Hydraulic dual roller drive system for superior traction and safety. Direct drive hydraulic motors to each roller cylinder eliminating the maintenance required on mechanical drive systems.
<b>POWER</b>	16 HP (12kW) Briggs Vanguard gasoline engine, two cylinder, air-cooled, electronic ignition, full pressure lubrication system with replaceable filter, cast iron cylinder sleeves, engine mounted air filter.
<b>DRIVE</b>	Hydrostatic using a 16cc hydraulic pump driving two (2) hydraulic motors direct coupled to each roller cylinder. Direct drive motors eliminate maintenance, hydraulic drive to both rollers provides superior traction in all turf and terrain conditions.
<b>SPEED</b>	Infinitely variable 0 – 10 mph (0-12.5 kph)
<b>BRAKING</b>	Dynamic thru hydrostatic drive system
<b>BATTERY</b>	12 volt
<b>CONSTRUCTION</b>	Heavy gauge square steel tubing main frame, hydraulically formed, electrically welded
<b>ROLLERS</b>	Two (2) oscillating 8" (20.32cm) diameter x 36" (91cm) length, seamless, drawn over mandrel steel tubes. Beveled on both ends with roller scrapers. Bolted hubs with bearings on each end of both rollers.
<b>STEERING</b>	Hydraulic power steering
<b>GROUND PRESSURE</b>	5.83 psi with 175 lb. operator on hard surface 4.08 psi with 175 lb. operator on fine turf ( variable with turf conditions )
<b>CONTROLS</b>	Keyed ignition switch, engine throttle, choke at the operator's station. Dual drive pedals control left / right operation and rolling speed. Pedals connected to hydraulic pump via fully sealed push / pull cable system.
<b>SEAT</b>	High back, one piece for operator comfort
<b>ELECTRICAL</b>	12 volt system, electric start to engine
<b>SOUND LEVEL</b>	68 dbA under normal operating conditions
<b>DIMENSIONS</b>	Length – 44" (111cm), Width – 45" (114cm), Height – 49" (124cm)
<b>WEIGHT</b>	845 lbs. (378kg)
<b>LIQUID CAPACITIES</b>	Five (5) gallon (19L) fuel tank, five (5) gallon (19L) hydraulic oil tank
<b>SAFETY FEATURES</b>	Dual drive roller system for superior traction and safe operation in all turf and terrain conditions. Dynamic braking thru hydrostatic drive system.

**TRANSPORT TRAILER**

Low profile design with drop axle rated at 2500 lb. capacity. Extra wide expanded metal bed and tailgate fitted with rubber matting for traction and an adjustable centering guide system for easy "load / unload" of the roller.

Width – 56" (142cm), Length – 47" (110cm) tailgate "up", not including drawbar,

Weight – 240 lbs. (528kg), Drawbar – adjustable from 44" (111cm) to 47" (119cm),

Tires – 18-9.50x8 pneumatic

**WARRANTY**

Smithco two (2) year limited warranty

Briggs & Stratton two (2) year engine manufacturer warranty

**OPTIONS**

Model 7512 Greens Spiker Attachment

Model 7514 Brush Kit ( 2 brushes )

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