



# Multi Pro<sup>®</sup> 1750

175-GALLON SPRAYER

## FEATURES

- **Six Diaphragm Pump** – *An Industry Exclusive* – this oversized pump satisfies the highest spray rates while simultaneously supplying generous agitation flow.
- **175 gal (662 L) Elliptical Chemical Tank** – Thoughtfully designed polyethylene tank has no shelves or corners for chemical to stick on, which helps ensure a 99% spray out.
- **Sprayer Control Console** – *InfoCenter™* pressure gauge and sprayer control switches are all located in a unique console featuring Toro's exclusive 'Quick Find™' feature which intuitively helps the operator locate boom and actuator switches on the console without looking at them.
- **Rugged Triangular Spray Boom** – Standard three section, 18.5' (5.6 m) boom width provides fore and aft breakaway on impact while protecting nozzles. Raises into a crisscross position for storage and transportation. Optional 20.5' (6.25 m) boom width extension kit available.

## Precise spray control on a dedicated, small platform.

Earning the market leader position in turf vehicle sprayers comes from listening to what your customers truly want in a sprayer. Toro's 175-gallon dedicated vehicle sprayer is the culmination of hundreds of hours of insightful customer input. The 1750 uses an advanced spray system design combined with cutting-edge sprayer controls and productive vehicle features to create the most advanced, efficient and accurate 175-gallon sprayer on the market. From aggressive agitation, faster response, consistent and accurate application rates, and intuitive rate set up, to precise vehicle control, this sprayer has it all.





# Multi Pro<sup>®</sup> 1750 Specifications<sup>1</sup>

MULTI PRO 1750, MODEL 41188	
<b>ENGINE</b>	Kohler, CH740 Command Series, twin-cylinder, air-cooled, 4-cycle, 25 hp (18.6 kW) gross.
<b>TRACTION SYSTEM</b>	Kanzaki / Tuff Torq 3-speed (forward), 1-speed (reverse), mechanical transaxle with differential lock.
<b>GROUND SPEEDS</b>	<b>Forward:</b> 0 – 11.5 mph (0 – 18.5 kph). <b>Reverse:</b> 0 – 2.5 mph (0 – 4 kph).
<b>TIRES</b>	<b>Front:</b> Kenda K404 smooth (treadless); 20x10-10. <b>Rear:</b> Kenda turf tread; 24x13-12.
<b>BRAKES</b>	Four wheel hydraulic disc, 2-piston calipers; <b>Front:</b> 7.5" (19 cm) diameter rotor <b>Rear:</b> 9.5" (24 cm) diameter rotor.
<b>MAIN FRAME</b>	High-strength, formed steel rear frame channels welded to steel tubular crossmembers and upper/lower steel tubular structure, ROPS standard.
<b>SUSPENSION</b>	<b>Front suspension</b> – Double A-Arm with coil over shock; <b>Rear suspension</b> – rigid; rubber tires.
<b>STEERING</b>	Fully hydraulic; steering wheel turns, lock to lock: 3.5
<b>GAUGES/INDICATORS</b>	Multi-function display (InfoCenter™), analog pressure gauge, mechanical fuel gauge.
<b>VEHICLE CONTROLS</b>	Ignition key switch, choke, headlight switch, optional wireless hour meter, speed lock.
<b>SEAT</b>	Single, high back cushion seat standard with manual position adjustment w/seat belts.
<b>WEIGHT</b>	2200 lbs. (997.9 kg) shipping weight
<b>DIMENSIONS</b>	Measurements with spray system: <b>Length</b> = 140" (3.55 m) (w/booms folded in cradles) <b>Width</b> = 70" (1.77 m) (w/booms folded in cradles) <b>Height</b> = 97" (2.4 m) (w/booms folded in cradles)
<b>WARRANTY</b>	Two-year limited warranty. Refer to operator's manual for further details.

SPRAYER SPECIFICATIONS	
<b>SOLUTION TANK</b>	Elliptical, high-density, impact-resistant polyethylene with large 16" (41 cm) fill well opening; tapered bottom and sump with drain.
<b>RATED CAPACITY</b>	175 gallons (662.4 liters)
<b>SPRAY PUMP</b>	Hardi 364/5.5, 6-diaphragm positive displacement w/1" (2.5 cm) input shaft; input speed 300-860 rpm, Flow rate of 45 gpm (170.3 lmp) @ 40 psi (860 rpm).
<b>AGITATOR</b>	Three, side-mounted jet agitation nozzles for full tank agitation.
<b>CONTROLS</b>	Spray pump control switch, agitator jet switch, rate switch, individual boom on/off switches, boom actuator switches, indicator lights on pump, agitation and boom switches, throttle lock, app rate lock-out.

OPEN BOOM (STANDARD)	
<b>BOOM ASSEMBLY</b>	18.5' (5.6 m) three-section, triangular truss-style open booms, expandable to 20.5' (6.3 m) with optional kit.
<b>BOOM ACTUATORS</b>	Heavy-duty hydraulic lift actuators with nitro-steel plated shafts; 1-3/4" (4.4 cm) Bore x 10.06" (25.6 cm) stroke
<b>SPRAY NOZZLES</b>	Eleven nozzle turrets, triple turret-mount, quick-disconnect with diaphragm check valves. Twelve nozzle turrets with optional kit.

MULTI PRO 1750 ACCESSORIES	
<b>CLEANLOAD™ EDUCTOR</b>	This on-board mixing station allows rapid and safe loading of any chemical without the need to first mix into a slurry. Incorporates a built-in bottle wash nozzle and has an optional suction lance to pull in liquid products from their container. Stores within the width of the spray vehicle.
<b>FRESH WATER RINSE KIT</b>	Simplifies and automates triple-rinse process, saving hours and hours of clean-up time.
<b>ELECTRIC HOSE REEL</b>	150' (45.7 m) of 0.5" (13 mm) hose for hand or walk spraying applications. Convenient electric powered rewind. Spray gun has an adjustable nozzle from stream to fan.
<b>PRO FOAM™ MARKING KIT</b>	Foam dollops ensure accurate parallel path tracking. Select foam for either boom or both.
<b>PRO FOAM</b>	1 gallon (3.8 L) bottle of Pro Foam Concentrate.
<b>ULTRA SONIC BOOM™ KIT</b>	Sonar sensors automatically maintain proper spray height over undulating turf.
<b>COVERED BOOM KIT</b>	Extends 12" (30.5 cm) below the boom to minimize chemical drift in breezy conditions while retaining full boom system functionality.
<b>UNIVERSAL SUNSHADE</b>	With optional electric fan
<b>HAND SPRAY WAND KIT</b>	Spray manually using handheld device for precision and accuracy.
<b>REFERENCE ANTENNA KIT</b>	GeoLink Precision Spray System reference antenna kit.
<b>AIR INDUCTION TURBO TWIN JET NOZZLES</b>	Exclusive to Toro in the 0.8 gpm (3.02 lpm), 1.0 gpm (3.79 lpm) and 1.5 gpm (5.68 lpm) sizes, for exceptional contact coverage.
<b>CONTACT &amp; SYSTEMIC NOZZLES</b>	See complete nozzle listing in the <b>Multi Pro<sup>®</sup> Nozzle Selection Brochure</b> – available for download on <a href="http://toro.com">toro.com</a>
<b>NOZZALERT™</b>	Monitors flow at each individual nozzle position, alerting the operator to flow deviations caused by worn, broken, clogged, or missing nozzles.
<b>GEOLINK® PRECISION SPRAY SYSTEM</b>	Toro's exclusive turf-based GPS precision spray system featuring sub-inch accuracy, repeatable mapping, and either CDMA or GSM cellular connectivity.

**A Safety Reminder:** Prior to any application, know the chemical content and the manufacturer's recommendation for protective clothing. Always wear proper clothing and mask when applying chemicals.

<sup>1</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. See distributor for details on all warranties.





# GeoLink® Precision Spray System Specifications

TOPCON AGI-4 RECEIVER	
<b>DIMENSIONS</b>	11.8 inch (330 mm) diameter and 5.1 inch (130 mm) height; 5.2 lbs. (2.4 kg)
<b>POSITIONING SYSTEM</b>	Standard WAAS, EGNOS & MSAS.
<b>CONSTELLATIONS</b>	Multi-constellation (GPS + GLONASS = GNSS).
<b>POWER</b>	12 volt (min)
<b>COMPLIANCE</b>	ISO11783 compliant
<b>WEATHER RESISTANCE</b>	Achieved IP67 rating

TOPCON X25 DISPLAY	
<b>DISPLAY</b>	8.4" (213 mm) 800x600 px. Projected capacitive touchscreen, LED backlight with anti-reflective treatment.
<b>DIMENSIONS</b>	8.9"x 7.2" x 1.9" (226 x 183 x 48 mm).
<b>WEIGHT</b>	4.411 lbs. (2 kg) weight
<b>POWER</b>	9V - 36V input (voltage and polarity protected).
<b>OPERATING SYSTEM</b>	Linux with icon based GeoLink software. Intel chipset, Freescale i.mx6 dual-core, 900MHz processor, 1 GB DDR3, 4 GB + 2 GB flash.
<b>FEATURES</b>	Multiple inclusion zones, easy and standard modes, configurable with multi-view capabilities, interactive keypad, on-demand mini views and expandable views, 28 languages, 3.5W rear-facing speaker, tree structure navigation, integrated light bar, multiple application control, ISO UT ready, remote capable.
<b>WEATHER RESISTANCE</b>	Achieved IP67 rating

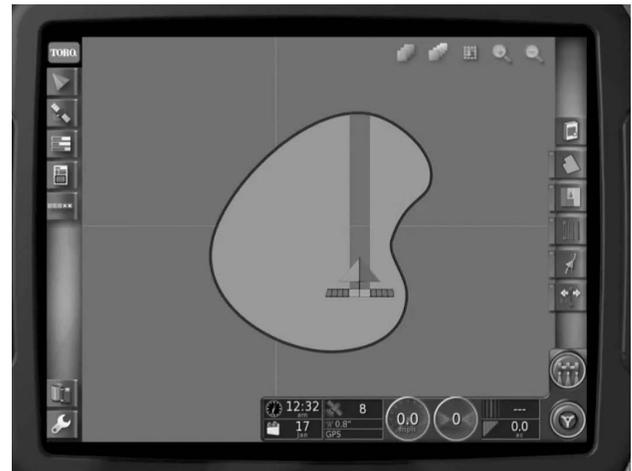
## Key Benefits of GeoLink Precision Spray System:

- CDMA or GSM cellular-based connectivity with CL-55 external modems
- Software for turf, not agriculture
- Repeatable sub-inch location accuracy
- Flexible, customizable and easy to use
- Intuitive icon-based menus
- Multiple inclusion zones – group like areas into a single job
- Improved consistency – less dependence on operator skill level

RTK: Real Time Kinematic (RTK) satellite correction is a technique used to enhance the precision of position data derived from satellite-based positioning systems, being usable in conjunction with all positioning platforms.



GeoLink's individual nozzle control saves time and money.



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