

TORO

Multi Pro® 1750

662-litre sprayer

PRECISE SPRAY CONTROL ON A DEDICATED, SMALL PLATFORM.

Earning the market leader position in turf sprayers comes from listening to what your customers truly want in a sprayer. Toro's 662-litre dedicated turf 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 662-litre 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.



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F E A T U R E S

Six-diaphragm pump

- An industry exclusive, this oversized pump satisfies the highest spray rates while simultaneously supplying generous agitation flow.

662-litre elliptical chemical tank

- The thoughtfully designed polyethylene tank has no shelves or corners for chemical to stick on, which helps to 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 to locate boom and actuator switches on the console without having to look at them.

Rugged triangular spray boom

- Standard three-section, 5.6 m (18.5') boom width provides fore and aft breakaway on impact while protecting the nozzles. Raises into a criss-cross position for storage and transportation. Optional 6.25 m (20.5') boom width extension kit available.

MULTI PRO 1750, MODEL 41188	
ENGINE	Kohler® CH740 Command Series, twin-cylinder, air-cooled, 4-stroke, 18.6 kW (25 hp) gross.
TRACTION SYSTEM	Kanzaki/Tuff Torq 3-speed (forward). 1-speed (reverse), mechanical transaxle with differential lock.
GROUND SPEEDS	Forward: 0–11.5 mph. Reverse: 0–2.5 mph.
TYRES	Front: 50.8 cm (20") diameter, smooth tread (treadless); 4-ply; 20 x 10.00-10; 5-hole bolt pattern rim. Rear: 60.9 cm (24") diameter; turf tread; 6-ply; 24 x 13.00-12; 5-hole bolt pattern rim.
BRAKES	Four-wheel hydraulic disc, 2-piston callipers; Front: 19 cm (7.5") diameter rotor Rear: 24 cm (9.5") diameter rotor.
MAIN FRAME	High-strength, formed steel rear frame channels welded to steel tubular cross members and upper/lower steel tubular structure, ROPS standard.
SUSPENSION	Front suspension: Double A-arm with coil-over shock; Rear suspension: rigid; rubber tyres.
STEERING	Fully hydraulic; steering wheel turns, lock to lock: 3.5
GAUGES/INDICATORS	Multi-function display (InfoCenter™), analogue pressure gauge, mechanical fuel gauge.
VEHICLE CONTROLS	Ignition key switch, choke, headlight switch, optional wireless hour meter, speed lock.
SEAT	Single, high-back cushion seat, standard with manual position adjustment w/ seat belts.
WEIGHT	997.9 kg (2,200 lb) shipping weight
DIMENSIONS WITH SPRAY SYSTEM	Length: 3.55 m (140") (w/ booms folded in cradles) Width: 1.77 m (70") (w/ booms folded in cradles) Height: 2.4 m (97") (w/ booms folded in cradles)
WARRANTY	Two-year warranty. Refer to Operator's Manual for further details.

SPRAYER SPECIFICATIONS	
SOLUTION TANK	Elliptical, high-density, impact-resistant polyethylene with large 41 cm (16") fill well opening; tapered bottom and sump with drain.
RATED CAPACITY	662.4 litres
SPRAY PUMP	Hardi 364/5.5, 6-diaphragm positive displacement w/ 2.5 cm (1") input shaft; input speed 300–860 rpm Flow rate of 170.3 lpm @ 2.76 bar (40 psi), 860 rpm.
AGITATOR	Three, side-mounted jet agitation nozzles for full tank agitation.
CONTROLS	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)	
BOOM ASSEMBLY	5.6 m (18.5') three-section, triangular truss-style open booms, expandable to 6.3 m (20.5') with optional kit.
BOOM ACTUATORS	Heavy-duty hydraulic lift actuators with nitro-steel plated shafts; 44 mm (1 3/4") bore x 25.6 cm (10.06") stroke
SPRAY NOZZLES	11 nozzle turrets, triple turret mount, quick-disconnect with diaphragm check valves. 12 nozzle turrets with optional kit.

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

Safety reminder: Prior to any application, find out the chemical content and the manufacturer's recommendation for protective clothing. Always wear proper clothing and mask when applying chemicals.

*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.



TOPCON AGS-2 RECEIVER	
DIMENSIONS (H x W x D)	53 x 130.5 x 136.5 mm (2.1 x 5.2 x 5.4")
POSITIONING SYSTEM	Real-Time Kinematic (RTK). Optional PPP (Precise Point Positioning) as fallback for RTK
CONSTELLATIONS	GPS, GLONASS, GALILEO, BeiDou, QZSS
POWER	9–28 VDC
COMPLIANCE	J1939 and ISO11783
WEATHER RESISTANCE	Achieved IP69K rating

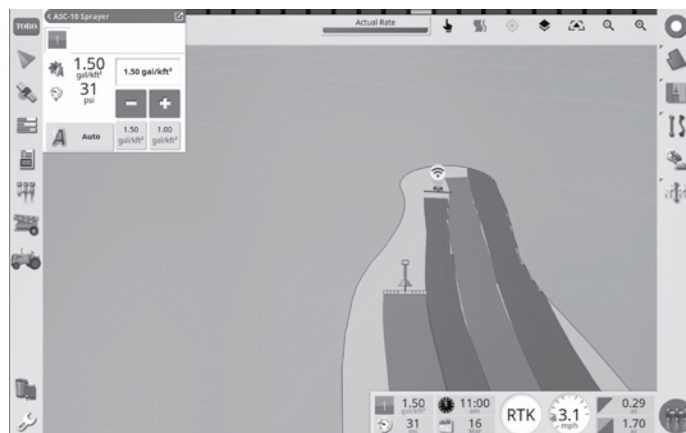
TOPCON XD+ DISPLAY	
DISPLAY	307 mm (12.1") 1,280 x 800 px. TFT colour graphic LCD with LED backlight
DIMENSIONS	214 x 330 mm (8.4 x 13")
POWER	9–36 V input (voltage and polarity protected).
OPERATING SYSTEM	Linux with icon-based GeoLink software. NXP i.MX6®, quad core, 1 GHz processor, Mass storage: 8 GB, RAM: 1 GB
FEATURES	Machine-to-machine communication, multiple inclusion zones, easy and standard modes, configurable with multi-view capabilities, interactive keypad, on-demand mini views and expandable views, 28 languages, rear-facing speaker, multiple application control, ISO UT ready, remote capable.
WEATHER RESISTANCE	Achieved IP67 rating

ACCESSORIES	
GEOLINK AS	Exclusively available for the Multi Pro 5800 (Model 41394) with GeoLink. GeoLink AS enables Auto Steer, ensuring that the optimal next pass is followed and providing the most efficient use of your sprayer.
REFERENCE ANTENNA KIT	GeoLink precision spray system reference antenna kit.

Key benefits of GeoLink precision spray system:

- Universal CL-55 mobile modem, capable of connecting to multiple mobile providers
- Use multiple machines for a single job with machine-to-machine communication
- Software for turf, not agriculture
- Repeatable sub-inch location accuracy
- Flexible, customisable and easy to use
- Intuitive icon-based menus
- Multiple inclusion zones: group similar 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, which can be used in conjunction with all positioning platforms.



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