



Multi Pro® 5800

Extensive customer input and advanced sprayer technology are built into this innovative dedicated sprayer providing numerous performance and operational enhancements.





Multi Pro® 5800 Specifications*

	MULTI PRO 5800, MODEL 41593	MULTI PRO 5800, MODEL 41594
ENGINE	Kubota® V1505 N/A, Horizontal, 4-cylinder, 4-cycle, water-cooled, diesel, 1.498L. Rated output 36.5 hp (27.2 kW). Biodiesel B-20 compatible.	Kubota® WG1605, Rated Output: 50 hp (37.3 kw), 1.6L, 4-cylinder liquid-cooled electronic fuel injection, throttle control, three-way catalytic converter, gear-driven valve train, and a diagnostic port.
COOLING SYSTEM	Mid-mounted 3.3 quart radiator with oil cooler mounted in front	
FUEL SYSTEM	12 gallon (45 L) polyethylene fuel tank with 1.5" (38 mm) opening on the passenger side for fueling; Vented fuel cap with mechanical style float gauge, In-line fuel replacement filter (diesel fuel).	12 gallon (45 L) polyethylene/Nylon low-permeation fuel tank with 1.5" (38 mm) opening on the passenger side for fueling; 3.5 psi Vented fuel cap with electronic fuel gauge on the console, In-tank fuel replacement filter, (unleaded gasoline).
TRACTION SYSTEM	Hydrostatic system driving double planetary gear reduction rear wheel drives; Foot pedal control of forward/reverse ground speed	
GROUND SPEED/CLEARANCE	Forward: 0-10 mph (0-16.1 km/h). Reverse: 0-4 mph (0-6.4 km/h).	
TIRES	Front: 23" diameter, 4-ply rated tire with turf tread pattern; Wheel has 5-hole bolt pattern for lugs. Rear: 26.5" diameter, 4-ply rated tire with turf tread pattern; Wheel has 8-hole bolt pattern for lugs.	
BRAKES	2 wheel mechanical cable operated multi disc wet brakes with additional hydrostatic braking through drive train	
MAIN FRAME	Welded high strength steel tubular construction	
SUSPENSION	Front: Straight axle with twin independent leaf springs and dual shock absorbers. Rear: Rigid with high floatation tires.	
STEERING	Fully hydraulic with dedicated power source 48° steering angle	
GAUGES/INDICATORS	Ignition key switch; Voltage level warning lamp; Coolant temperature warning lamp; Glow plug indicator lamp; Engine oil pressure warning lamp; Spray system pressure gauge.	
CONTROLS	Throttle control; Spray pump control switch; Jet agitator switch; Individual boom On/Off switches; Indicator lights on pump Switch; Agitator and boom switches; Headlight Switch; Hour Meter; Speed control switch with indicator light; Plugs for accessory switches	
SEATS	Bucket seats with easy tilt forward bracket; removable bolts allow for adjustment for various seat positions; Seats are interchangeable from left to right	
ELECTRICAL FEATURES	12 volt, 690 cold cranking amps at 0° F (-18° C). 12 volt, 60 Amp alternator. Dash mounted ignition switch, with glow plug timing circuit.	
LIGHTS	Rectangular 12 volt halogen sealed beam headlights.	
SOUND LEVEL	86 dB(A) at operator ear under normal operation	
WEIGHT	Drive-on weight: 2,700 lbs. (1,225 kg), Shipping weight: 2,700 lbs. (1,225 kg), Empty vehicle: 2,700 lbs. (1,225 kg), 5525 lbs.(2506 kg), MGWV: 6525 lbs.(2960 kg).	
DIMENSIONS	Measurements with spray system— Overall Length: 154" (391 cm) booms forward. Overall Width: 81" (175 cm) booms forward. Height: 57.5" (146 cm)	Turning Diameter: 15'-7" (4.7m) front tire inside 26'-7" (8.1m) front tire outside
WARRANTY	Two-year limited warranty. Refer to the Operator's Manual for further details.	
CERTIFICATION	SAE 2258 Dec 2003 and EU 98/37EC Machinery Directive	

	SPRAYER SPECIFICATIONS	
SOLUTION TANK	High density, impact resistant polyethylene with large 16" (41cm) fill well	
RATED CAPACITY	300 gallon (1,136 liter)	
SPRAY PUMP	6-diaphragm adjustable hydraulic drive; 40 gpm (151 lpm), 220 psi (1500 kpa) maximums	
AGITATOR	4, side-mounted jet agitation nozzles for full tank agitation.	
CONTROLS	Throttle lock, agitation on/off switch, master pump switch, boom raise/lower rocker switches. Boom section on/off rocker switches, manual/automatic mode switch and engine speed control.	
OPTIONS	Pro Control™ XP Spray System console Model Number 41604; Speedometer Kit Part Number 106-4839; Turf Sprayer Kit (CE) 106-4841; Heat Shield Blanket Kit 106-4843; Eductor (Clean Load) Model Number 41622; Rinse Kit Model Number 41614; Electric Hose Reel Kit Model Number 41621; Spray Gun Kit Model Number 41118; Foam Marker Model Number 41232; Ultra Sonic Boom Kit Model Number 41219; Cab with A/C (From Custom Products); Sunshade (From Custom Products); Kubota 60 Amp alternator kit Part Number 117-5540; Toro Covered Boom Shroud Kit Model Number 41602. Nozzles: Single Nozzle Kit Model Number 41024; Homologation Kit Model Number 41603	

	OPEN BOOM (STANDARD)	
BOOM ASSEMBLY	18.5' (5.6 m) three section, triangular truss-style open booms, expandable to 20.5' (6.3 m) with optional kit.	
SPRAY NOZZLES	Drift reduction, quick-disconnect with diaphragm check valves. Triple turret mount.	

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.

*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.





Multi Pro® 5800 Accessories*

MULTI PRO 5800 ACCESSORIES	
PRO CONTROL XP SPRAY SYSTEM CONSOLE	The eXtra Precision avoids waste and ensures maximum efficacy of chemical applications. Simple programming for two preset application rates, plus a manual override mode for spot spraying. XP system automatically and instantaneously calibrates flow to maintain an even and accurate spray application rate. Also compensates for system input changes, such as ground speed variations caused by terrain, and when turning on/off boom sections. Model Number 41604
SPEEDOMETER KIT	Part Number 106-4839
TURF SPRAYER KIT (CE)	Part Number 106-4841
HEAT SHIELD BLANKET KIT	Part Number 106-4843
CLEANLOAD EDUCTOR KIT	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 powered to liquid products from their container. Stores within the width of the spray vehicle. Model Number 41622
30 GAL (114 l) FRESH WATER RINSE KIT	Nesting inconspicuously behind the main tank, this system includes a separate electric pump, plumbing and dual rinse nozzles. At 10 gallons (38 l) per cycle, it has on-board capacity to complete a triple rinse process. Model Number 41614
ELECTRIC HOSE REEL KIT	150' (45.7 m) of hose for hand or walk spraying applications. Convenient electric powered rewind. Spray gun has an adjustable nozzle from stream to fan. Model Number 41621.
SPRAY GUN KIT	Model Number 41118
PRO FOAM MARKING KIT	Foam dollops ensure accurate parallel path tracking. Select foam for either boom or both. Model Number 41232
ULTRA SONIC BOOM LEVELING KIT	New sonar sensors automatically maintain proper spray height over undulating turf. Model Number 41219
FULLY ENCLOSED CAB	Full-view operator safety cab with AC, wiper and mirror options. (From Custom Products of Litchfield, 1-800-CAB-LINE)
AIR CONDITIONER	Custom Products of Litchfield, 1-800-CAB-LINE.
DRIFT REDUCTION BOOM SHROUD	Extends 12" (30.5 cm) below the boom to minimize chemical drift in breezy conditions while retaining full boom system functionality. Model Number 41602
SINGLE NOZZLE KIT	Model Number 41024
SPRAY NOZZLES	Full range of contact, systemic and low drift nozzles are available. New air inclusion nozzles provide improved accuracy, more uniform droplets, reduced drift and even coverage.
SUNSHADE	Hard shell sunshade canopy w/windshield option. (From Custom Products of Litchfield, 1-800-CAB-LINE)
HOMOLOGATION KIT	Model Number 41603. Road light kit (turn signals, beacon, license plate holder).
BBA KIT	Model Number 41608. CE/German requirement. Includes fresh water rinse kit and plumbing for BBA compliance.
MANUAL SPRAY KIT	Adds a separate control module to operate the sprayer without a ProControl™ XP. Part Number 132-5570

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