

Spray Star 1200



Get More with the Spray Star 1200

The Spray Star 1200 200-gallon sprayer delivers cutting-edge spray technology tailored for golf course superintendents. This unit maximizes efficiency with a high-capacity design, reducing downtime while ensuring precise coverage. Its Hypro™ Stainless Steel Centrifugal Pump delivers 70 gpm (265 lpm) for superior agitation and durability, while Smithco Super Booms (15 ft, 18.5 ft, and 20 ft) provide flexible coverage. Built for performance, the Spray Star 1200 equips superintendents with the precision and reliability needed for championship-level turf.

Offering advanced system options for enhanced efficiency and precision. The Star Command I System features the TeeJet® Radion Rate Controller with DynaJet™, allowing precise control over droplet size and pressure for optimal coverage. For even greater precision, the Star Command II 4.0 System, powered by Ag Leader, integrates the InCommand™ 1200 GPS System and Display with RightSpot™ Pulse Width Modulation, providing unmatched accuracy, turn compensation, and 10-inch nozzle spacing. Both systems ensure accurate and efficient spraying to meet the demands of modern turf management.

• **TRACTION DRIVE**

A center-mount, 35 hp (26 kW) engine with a hydrostatic traction drive delivers constant engine rpm for continuous flow, even pressure and a consistent spray application.

• **PRODUCTIVITY**

Optimum efficiency with the largest capacity dedicated sprayer in its class providing a 200 gal (757 l) low profile elliptical polypropylene tank with lifetime warranty.

• **ACCURACY**

Smithco's Star Command Systems boasts smart droplet pulse width modulation technology, provides precise spray control with corrections of less than 2 inches (5 cm), turn compensation, and industry-leading 10-inch (25 cm) nozzle spacing. This advanced system ensures uniform coverage and maximum efficiency for optimal turf management.

• **ULTRA-HIGH FLOW**

The self-priming and corrosion-resistant Hypro™ Stainless Steel Centrifugal Pump features 70 gpm (341 lpm). A high-flow application with superior agitation means you get a high-performance, cost-efficient pumping system.

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Spray Star 1200

SPECIFICATIONS

Smithco

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ENGINE

Type	Vanguard V-twin air cooled
Cooling	Air cooled
Lubrication	Full pressurized
Displacement	54.7 in ³ (896 cc)
Rated Horsepower	35 hp (26 kw)
Air Cleaner	Engine mounted filtration system
Oil Filter	Full flow; Spin on type
Electrical System	24 amp with 12V 900 CCA battery; Fuse protected
Fuel Capacity	10 gal (37.9 l)

PRODUCT CONFIGURATION

Suspension	Leaf spring front suspension
Ground Speed System	Spray Boss mechanical ground speed system and cruise control
Controller	Choice of electric or auto-rate controller
ROPS	Roll bar with seat belts

SPRAY SYSTEMS

Boom Options	15 ft (4.6 m), 18.5 ft (5.6 m), or 20 ft (6.1 m) Super Boom
Advanced Rate Controller	TeeJet® Radion w/ GPS speed sensor
Electronic System	Electrical spray control system
Manual System	Manual spray control system
Star Command I	Star Command I TeeJet® Radion and Dynajet System with 18.5 ft (5.6 m) or 20 ft (6.1 m) boom
Star Command II	Ag Leader 1200 with RightSpot™ PWM

SPRAY TANK

Capacity	200 gal (757 l)
Construction	Elliptical polyethylene with UV inhibitors. 16 in (40.6 cm) hinged lid with built in locking device and nylon strainer basket
Filtration	Downstream filtration 50 or 80 mesh strainer w/80 mesh sectional strainers
Agitation	Agitator with 4 venturi volume boosters
Pump	Rocker switch operated; 10-70 gpm (36-225 lpm), 10-60 psi (0-7.4 bar); Stainless high volume centrifugal with silicon carbide seals.

TIRES, BRAKES & STEERING

Tires	Front: 20-10.00x10 turf; Rear: 24-13.00 x12 multi trac
Braking	Dynamic braking through hydrostatic drive train
Parking Brake	Auto spring pressure release park brake; Manual engagement to both rear wheels
Steering	Hydraulic power steering with orbitrol motor; 15 in (38.1 cm) steering wheel with tilt adjustment

SPEED & SOUND

Forward	0-12 mph (0-19.3 kph)
Transport	0-12 mph (0-19.3 kph)
Reverse	0-5 mph (0-8 kph)
Sound Level	88 dba

SPRAY PERFORMANCE

Application Rates	20-130 gal/acre (187.1-1216 l/ha); 0.5-3 gal/1000 ft ² (20.4-122.2 l/1000 m ²)
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TRACTION DRIVE

Traction System	Hydrostatic 2WD
Hydraulic System	5 gal (18.9 l)
Hydraulic Cooling	Full flow filter with oil cooler

WEIGHTS & DIMENSIONS

Weight	Dry - 1877 lbs (851 kg); Loaded - 3626 lbs (1645 kg)
Length	127 in (3.2 m)
Width	65 in (1.7 m)
Height	78 in (2 m)
Wheelbase	68 in (1.7 m)



Learn More Today!