



Spray Star 1110

Small but Mighty

The Spray Star 1110 is Smithco's lightest and most maneuverable self-contained spray vehicle, designed for golf courses with variable terrain and tight spaces. Equipped with a 110-gallon (415 L) spray tank, it provides a compact yet powerful solution for precise turf management. Its low ground pressure design ensures minimal turf disturbance, while the rear-wheel drive and hydrostatic transmission deliver smooth operation across all course conditions. The Hypro™ Stainless Steel Centrifugal Pump provides 70 gpm (265 lpm) for superior agitation and durability, ensuring consistent spray coverage. The Smithco Super Boom, available in 15 ft and 18.5 ft widths, offers flexible application tailored to the needs of golf course maintenance.

For advanced precision and efficiency, the Spray Star 1110 offers industry-leading system options. The Star Command I System features smart droplet pulse width modulation technology, allowing precise control over droplet size and pressure for optimized application. For even greater accuracy, the Star Command II 4.0 System provides turn compensation, 10-inch nozzle spacing, and less than 2-inch corrections, ensuring uniform coverage across greens, fairways, and roughs. Whether applying fertilizers, plant growth regulators, or pest control solutions, the Spray Star 1110 delivers the precision superintendents need to maintain championship-level turf with ease.

• POWER

Equipped with a mid-mount 23 hp (17 kW) Vanguard V-twin air cooled engine with a hydrostatic traction drive - delivering max acceleration, powerful torque and increased productivity for constant flow, even pressure and consistent spray application.

• PRODUCTIVITY

Optimum efficiency with the only dedicated sprayer in its class providing a 110 gal (415 l) elliptical polyethylene 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 (265 lpm). A high flow application with superior agitation means you get a high-performing, cost-efficient pumping system.

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WE TAKE YOUR TURF SERIOUSLY

Spray Star 1110

SPECIFICATIONS

Smithco

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ENGINE

Type	Vanguard V-twin air cooled
Cooling	Air cooled
Lubrication	Full pressurized
Displacement	38.26 in ³ (627 cc)
Rated Horsepower	23 hp (17 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	6 gal (22.7 l)

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	20-220 gal/acre (187.1-2057.9 l/ha); 0.5-3 gal/1000 ft ² (20.4-122.2 l/92.9 m ²)
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PRODUCT CONFIGURATION

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

TRACTION DRIVE

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

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

WEIGHTS & DIMENSIONS

Weight	Dry - 1480 lbs (672 kg); Loaded - 2248 lbs (1020 kg)
Length	104 in (2.6 m)
Width	70 in (1.8 m)
Height	77 in (2 m)
Wheelbase	53 in (1.3 m)

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: 22-10.00x10 turf; Rear: 24-13.00x12 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



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