Spray Star 1300



Precision and Power

The Spray Star 1300 tackles your toughest turf with long-lasting durable materials, an industry-leading droplet management system for precision and accuracy, and everything at your fingertips to get the job done. Designed to address the evolving needs of the turf management industry, this cutting-edge sprayer delivers power, precision and productivity with every spray, every time. When equipped with state-of-the art GPS technology from Smithco's exclusive partnership with TeeJet® Technologies, the Star Command system on the Spray Star 1300 utilizes real-time data to enable industry-leading application rates and coverage, tailored to your specific turf.

• TRACTION DRIVE

Equipped with a mid-mount, 57 hp (42.5 kw), direct injection, Kubota gas engine and hydrostatic traction drive, the Spray Star 1300 delivers constant engine rpm for a consistent spray application across any terrain.

• OPERATOR COMFORT

Significantly quieter than previous models and ergonomically designed for superior visibility, handling, and comfort, the Spray Star 1300's cab-forward design makes the work simple, comfortable, and enjoyable.

• ACCURACY

Achieve 100% greater accuracy than our competitors with Smithco's Star Command system featuring DynaJet's smart droplet pulse width modulation technolgy, delivering less than 1 in (2.5 cm) corrections, turn compensation and industry leading 10 in (25 cm) nozzle spacing.

• ULTRA-HIGH FLOW

The self-priming and corrosion resistant, Hypro™ stainless steel centrifugal pump features 70 gpm (265 lpm) - providing the capability for high flow applications with QuadraJet agitation.

Exceptional Service and Products Since 1967

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WE TAKE YOUR TURF SERIOUSLY

Spray Star 1300

SPECIFICATIONS

Smithco
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ENGINE

Type	Kubota WG1605 gas engine
Cooling	Liquid cooled
Lubrication	Full pressurized
Displacement	93.79 in³ (1536.9 cc)
Rated Horsepower	57 hp (42.5 kw)
Air Cleaner	Cyclopac air intake filtration
Oil Filter	Full flow; Spin on type
Electrical System	40 amp, with 12 V 900 CCA battery, fuse protected
Fuel Capacity	16 gal (60.6 l) unleaded

SPEED & SOUND

Forward	0-10 mph (0-16 kph)
Transport	0-10 mph (0-16 kph)
Reverse	0-5 mph (0-8 kph)
Sound Level	86 dba

SPRAY PERFORMANCE

Application Rates	20-120 gal/ac (180-2050 l/ha); 0.5-3 gal/1000 ft² (1.89-11.36 l/1000 m²)

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

TRACTION DRIVE

Traction System	Hydrostatic 2WD
Hydraulic System	10 gal (37.8 l)
Hydraulic Cooling	Full flow filter with oil cooler

SPRAY SYSTEMS

Boom Options	18.5 ft (5.6 m), 20 ft (6.1 m) or 24 ft (7.3 m) Super Boom
Advanced Rate Controller	TeeJet® Radion w/ GPS speed sensor
Electronic System	Electrical spray control system
Star Command I	Star Command I TeeJet® Radion and Dynajet System with 18.5 ft (5.6 m), 20 ft (6.1 m) or 24 ft (7.3 m) boom
Star Command II	Star Command II Teejet® Matrix GPS Satellite System

WEIGHTS & DIMENSIONS

Weight	Dry - 2340 lbs (1061 kg); Loaded 3698 lbs (2245 kg)
Length	160 in (4.1 m)
Width	72 in (1.8 m)
Height	77 in (2 m)
Wheelbase	68 in (1.7 m)

SPRAY TANK

Capacity	300 gal (1135 l)
Construction	Eliptical 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: 22-11.00×10 turf; Rear: 29-14.00×15 multi trac
Braking	Dynamic braking through hydrostatic drive train
Parking Brake	Hydraulic release park brake
Steering	Hydraulic power steering with orbitrol motor; 15 in (38.1 cm) steering wheel with tilt adjustment

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Learn More Today!