

Spray Star 1300



Precision and Power

The Spray Star 1300 is a high-performance sprayer built for golf course maintenance, delivering power, precision, and efficiency. Its 57 hp Kubota WG1605 gas engine ensures reliable performance, while the 300-gallon (1,135 L) spray tank minimizes downtime. The hydrostatic 2WD traction drive maintains consistent RPM for uniform coverage, and the cab-forward design enhances visibility and maneuverability. A Hypro™ Stainless Steel Centrifugal Pump provides 70 gpm (265 lpm) for superior agitation, while Smithco Super Booms in 18.5 ft, or 20 ft widths offer flexible coverage.

For maximum accuracy, the Star Command I System enables precise droplet size and pressure control, while the Star Command II 4.0 System enhances precision with turn compensation, 10-inch nozzle spacing, and less than 2-inch corrections. Designed for championship-level turf, the Spray Star 1300 delivers consistent, efficient spraying, helping superintendents maintain pristine playing conditions with confidence.

• 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

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) - providing the capability for high flow applications with QuadraJet agitation.

Exceptional Service and Products Since 1967
smithco.com

Smithco
WE TAKE YOUR TURF SERIOUSLY

Spray Star 1300

SPECIFICATIONS

Smithco

United States | 877.833.7648
International | +1 610.688.4009

ENGINE

Type	Kubota WG1605 gas engine
Cooling	Liquid cooled
Lubrication	Full pressurized
Displacement	93.79 in ³ (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 ft ² (1.89-11.36 l/1000 m ²)
-------------------	--

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), or 20 ft (6.1 m) Super Boom
Advanced Rate Controller Electronic System	TeeJet® Radion w/ GPS speed sensor 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	Ag Leader 1200 with RightSpot™ PWM

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	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: 22-11.00×10 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



Learn More Today!