Spray Star 1110

Small but Mighty

With a 110 gal (415 l) spray tank, the Spray Star 1110 is Smithco's lightest self-contained spray vehicle. It's compact and extremely maneuverable for course and fields with variable terrain\.

The Spray Star 1110 features industry-leading options like the TeeJet® Radion Rate Controller, the Star Command I with Radion and DynaJet™ Pulse Width Modulation, or Smithco's Star Command II providing consistently less than 2 in (5 cm) corrections, turn compensation, and featuring industry-leading 10 in (25cm) nozzle spacing.

• 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

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 2 in (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). A high flow application with superior agitation means you get a high-performing, cost-efficient pumping system.

Exceptional Service and Products Since 1967
smithco.com

Smithco
WE TAKE YOUR TURF SERIOUSLY

Spray Star 1110

SPECIFICATIONS

Distributed by:

CENTAUR ASIA PACIFIC

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ENGINE

Type	Vanguard V-twin air cooled
Cooling	Air cooled
Lubrication	Full pressurized
Displacement	38.26 in³ (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

Type	0-11 mph (0-17.7 kph)
Cooling	0-11 mph (0-17.7 kph)
Lubrication	0-3 mph (0-4.8 kph)
Displacement	85 dba

SPRAY PERFORMANCE

Application Rates	20-220 gal/acre (187.1-2057.9 l/ha); 0.5-3 gal/1000 ft² (20.4-122.2 l/92.9 m²)

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 Super Boom with 20 in (50 cm) spacing or 10 in (100 cm) spacing
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 15 ft (4.6 m) or 18.5 ft (5.6 m) boom
Star Command II	Star Command II Teejet® Matrix GPS Satellite System

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	110 gal (416 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: 22-10.00×10 turf; Rear: 24-13.00×12 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

Learn More Today!

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