

# Smithco

## Spray Star 1200 Specifications



### ENGINE

Type	Vanguard V-twin air cooled
Displacement	54.68 cu.in. (896 cc)
Rated Horsepower	35 hp (26 kw)
Air Cleaner	Double Action air intake filtration Engine mounted cyclonic filtration system
Cooling	Air Cooled
Lubrication	Full Pressurized
Oil Filter	Full Flow, Spin on type
Electrical System	24 amp, with 12V 900 CCA battery, fuse protected
Fuel Capacity	10 gallons (37.9 l)

### TRACTION DRIVE

Traction System	Hydraulic power to two rear wheel drive
Hydraulic System	5 gallons (19 l)
Hydraulic Cooling	Full flow filter with oil

### TIRES, BRAKES AND STEERING

Tires	Front: 20-10.00×10 Turf Rear: 24-13.00×12 Multi trac
Service Brakes	Dynamic braking through hydrostatic transmission
Parking Brake	Auto spring pressure release park brake Manual engagement to both rear wheels
Steering	Steering Hydraulic Power Steering with orbitrol motor. 15" steering wheel with tilt adjustment

### SPRAY TANK

Capacity	200 gallons (757 l)
Construction	Eliptical polyethylene with UV inhibitors. 16" hinged lid with built in locking device and nylon strainer basket
Filtration	Downstream filtration 50 mesh strainer
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.

## SPRAY PERFORMANCE

Application Rates	20-220 gallons per acre 0.5-5 gallons per 1000 sq.ft.
Production Rate	6.4 acres/hour @ 3.5 mph Up to 75 acres per day

## SPEED

Transport	0-12 mph (0-20 kph)
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## WEIGHTS AND DIMENSIONS

Weight	Dry – 1877 lbs Loaded – 3626 lbs
Length	127”
Width	65”
Height	78”
Wheelbase	68”

## PRODUCT CONFIGURATION

- Leaf spring front suspension
- Passenger seat
- “Spray Boss“ mechanical ground speed system & cruise control
- Choice of electric or computer spray control system
- Certified ROPs with seat belts

## SPRAY SYSTEMS

- 18.5’ or 20’ Super Boom
- 3182 TeeJet® Radion 8140 w/ GPS speed sensor
- 3184 Electric Spray Control System
- 3185 Star Command II Teejet® Aeros GPS Satellite System with 18.5’ boom
- 3186 Star Command II Teejet® Aeros GPS Satellite System with 20’ boom
- 3187 Star Command I TeeJet® Radion 8140 and DynaJet System with 20’ boom
- 3188 Star Command I TeeJet® Radion 8140 and DynaJet System with 18.5’ boom

## ACCESSORIES

- Water Fill Meter Kit - gallons or liters
- Foam Marker - electric operation, manual control
- Manual hose Reel – 200’ (61m)
- Electric Hose Reel – 200’ (61m)
- 26 gallon(98l) Wash Tank System
- Fresh Water Wash Tank
- Foam Marker
- Chemical Cleanload Safe fill System
- Tank Rinse System
- All Weather Hard Top Canopy
- Sun Shade Canopy
- Spray Star 3180 Cab (dealer installed)
- 3/4” or 5/8” Pressure Hose Kits in 50’, 100’ or 200’ lengths
- Pistol Grip JD9 Spray Gun
- Sonar Boom Kit – automatic boom height adjustment system
- Rogers Cover Spray Boom
- Drift Reduction Boom Shield

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