

Spray Star 1200 Diesel

SPECIFICATIONS

Smithco

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ENGINE

Type	Kubota D1105 Type 4-cylinder diesel engine
Displacement	68.53 in ³ (1123 cc)
Rated Horsepower	24.8 hp (18.5 kW)
Air Cleaner	Double-action air intake filtration
Cooling	Liquid cooled
Lubrication	Full pressurized
Oil Filter	Full flow, spin on type
Electrical System	40 amp, with 12 V 900 CCA battery, fuse protected
Fuel Capacity	12 gal (45.4 l) No.1 ULSD diesel

TRACTION DRIVE

Traction System	Hydraulic power to two rear-wheel drive
Hydraulic System	5 gal (19 l)

TIRES, BRAKES AND STEERING

Tires	Front: 22-10.00 x 10 turf Rear: 24-13.00 x1 2 multi-trac
Service Brakes	Dynamic braking through hydrostatic transmission
Parking Brake	Manual engagement both rear wheels
Steering	Steering hydraulic power steering with orbitrol motor

SPEED

Transport	0-10 mph (0-16 kph)
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SPRAY TANK

Capacity	200 gal (757 l)
Construction	Elliptical polyethylene with UV inhibitors. 16 in hinged lid with built in locking device and nylon strainer basket
Filtration	Downstream filtration 50 or 80 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	20-130 gal/acre (75.71-681.37 l/ha) 0.5-3 gal/1000 ft ² (1.89-11.36 l/92.9m ²)
Production Rate	6.4 acres/hour (2.59 ha/hour) @ 3.5 mph (5.6 kph). Up to 75 acres/day (30.35 ha/hour)

WEIGHTS AND DIMENSIONS

Weight	Dry - 1990 lbs (903 kg) Loaded - 3698 lbs (1677 kg)
Length	127 in (3.23 m)
Width	65 in (1.65 m)
Height	78 in (1.98 m)
Wheelbase	68 in (1.72 m)

PRODUCT CONFIGURATION

- ✔ "Spray Boss" mechanical ground speed system & cruise control
- ✔ Choice of electric or computer spray control system
- ✔ Roll bar with seat belts
- ✔ Leaf spring front suspension

SPRAY SYSTEMS

- ✔ 15 ft (4.5 m), 18.5 ft (5.6 m), 20 ft (6.1 m) Super Boom
- ✔ TeeJet® Radion 8140 w/ GPS Speed Sensor
- ✔ Electric Spray Control System
- ✔ Star Command II TeeJet® Matrix GPS Satellite System with 15 ft (4.5 m) boom
- ✔ Star Command II TeeJet® Matrix GPS Satellite System with 18.5 ft (5.6 m) boom
- ✔ Star Command II TeeJet® Matrix GPS Satellite System with 20 ft (6.1 m) boom
- ✔ Star Command I TeeJet® Radion 8140 and DynaJet System with 20 ft (6.1 m) boom
- ✔ Star Command I TeeJet® Radion 8140 and DynaJet System with 18.5 ft (5.6 m) boom

ACCESSORIES

- ✔ Water fill meter kit - gallons or liters
- ✔ Foam marker - electric operation, manual control
- ✔ Manual hose reel - 200 ft (61 m)
- ✔ Electric hose reel - 200 ft (61 m)
- ✔ 3/4 in (19 mm) or 5/8 in (12 mm) pressure hose kits in 50 ft (15.2 m), 100 ft (30.5 m) or 200 ft (70 m) lengths
- ✔ Pistol grip JD9 spray gun
- ✔ 20 gal (98 l) 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



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