

Smithco

Spray Star 1750 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	Liquid 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: 20-10.00x10 Turf Rear: 24-13.00x12 Multi trac
Service Brakes	Dynamic braking through hydrostatic transmission
Parking Brake	Auto spring pressure release park brake Manual engagement to both rear wheels
Steering	Hydraulic Power Steering with orbitrol motor. 15" steering wheel with tilt adjustment

SPEED

Transport	0-12 mph (0-20 kph)
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SPRAY TANK

Capacity	175 gallons (662 l)
Construction	Elliptical 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(180 – 2050 l) per acre 0.5-5 gallons per 1000 sq.ft.
Production Rate	6.4 acres/hour @ 3.5 mph (5.6 kph) Up to 75 acres per day

WEIGHTS AND DIMENSIONS

Weight	Dry - 1750 lbs (784 kg) Loaded – 3500 lbs (1588 kg)
Length	127" (3.22m)
Width	65" (1.65m)
Height	78" (1.98m)
Wheelbase	68" (1.73m)

PRODUCT CONFIGURATION

Leaf spring front suspension

"Spray Boss" mechanical ground speed system & cruise control

Choice of electric, computer or manual spray control system

Headlights

Certified ROPs with seat belts

SPRAY SYSTEMS

18.5' or 20' Super Boom

1752 TeeJet® Radion 8140 w/ GPS speed sensor

1754 Electric Spray Control System

1710 Manual Spray Control System

1758 Star Command I TeeJet® Radion 8140

and DynaJet System with 18.5' boom

1755 Star Command II TeeJet® Aeros GPS Satellite 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

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