

Smithco

Star Command 1750 Specifications



SPRAY STAR 1750 w/ STAR COMMAND I SYSTEM & 18 ft. (5.5 m) Spray Boom

Advanced Rate Control Field Computer (TeeJet Radion 8140) with Dynajet Pulse Width Modulation System. Pressure and droplet size control. Wide range of ground speed. Purpose-built spray boom with dual nozzles and dual solenoid valves

SPRAY STAR 1750 with STAR COMMAND II SYSTEM & 18.5 Foot (5.5m) Spray Boom

Advanced precision TeeJet Aeros GPS Satellite guided Field Computer. Terra Star Antenna for use with GS, WAAS & Glonass Satellites. Provides Sub-2 in (5 cm) position control and permanently retained mapping. Smithco/TeeJet Dynajet Pulse Width Modulation. Pressure & droplet size control. Wide ground speed range. Purpose built 18 ft (5.5 meter) Spray Boom. Dual Nozzle-Dual Solenoid Valve System.

Plus all the features Spray Star 1750

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Spray Star 1750 Specifications



ENGINE Type	Kubota D1105 4-Cylinder diesel engine
Displacement	68.53cu.in. (1123 cc)
Rated Horsepower	25 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	15 amp, with 12V 900 CCA battery, fuse protected
Fuel Capacity	7 gallons (26.5 l) No.1 ULSD diesel
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: 22-10.00x10 Turf, Rear: 24-13.00x12 Multi trac
Service Brakes	Dynamic braking through hydrostatic transmission
Parking Brake	Auto spring pressure release park brake
Steering	Hydraulic Power Steering with orbitrol motor, 15" steering wheel with tilt adjustment
SPEED	
Transport	0-12 mph (0-20 kph)
SPRAY TANK	
Capacity	200 gallons (757 l)
Construction	Fiber reinforced polystyrene with UV inhibitors. 16" hinged lid with built in locking device and nylon strainer basket
Filtration	Downstream filtration 50 or 80 mesh strainer

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 - 1990 lbs (903 kg),

Loaded – 3605 lbs (1635 kg)

Length 132" (3.35m)

Width 72" (1.75m)

Height 110" (2.79m)

Wheelbase 61" (1.55m)

PRODUCT CONFIGURATION

Passenger seat

“Spray Boss” ground speed control

Choice of electric or computer spray control system

Certified ROPs with seat belts

SPRAY SYSTEMS

18.5' or 20' Super Boom

2002D Computer Spray Control System w. GPS

2004D Electric Spray Control System

2005D Star Command II Raven E-pro GPS Mapping system.
PWM with 18.5' boom

2006D Star Command II Raven E-pro GPS Mapping system.
PWM with 20' boom

2007D Star Command I PWM / Raven SCS440 with 20' boom

2008D Star Command I PWM / Raven SCS440 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 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