Smithco

Spray Star 1110 Specifications

ENGINE

Type	Vanguard V-twin air cooled
Displacement	38.26 cu. in. (627 cc)
Rated Horsepower	23 hp (17 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	6 gallons (22.7 L)

TRACTION DRIVE

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

TIRES, BRAKES AND STEERING

Tires	Front: 22-10.00×10 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	Hydraulic Power Steering with orbitrol motor, 15" steering wheel with tilt adjustment

SPRAY TANK

Capacity	110 gallons (416 L)
Construction	Eliptical polyethylene with UV inhibitors. 16" 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	20-220 gallons per acre 0.5-5 gallons per 1000 sq.ft.
Production Rate	6.4 acres/hour @ 3.5 mph

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SPEED

Forward	0-8 mph (0-12.8 kph)
Reverse	0-3 mph (0-4.8 kph)

WEIGHTS AND DIMENSIONS

Weight	Dry – 1480 lbs Loaded – 2248 lbs
Length	104"
Width	70"
Height	77"
Wheelbase	53"

PRODUCT CONFIGURATION

Leaf spring front suspension

Headlights

"Spray Boss" mechanical ground speed system & cruise control

Choice of electric or computer spray control system

Certified ROPs with seat belts

SPRAY SYSTEMS

15' or 18.5' Super Boom

15' Super Boom with 9-nozzle, 20"(50cm) spacing or 17-nozzle, 10"(25cm) spacing

1008 TeeJet® Radion 8140 w/ GPS speed sensor

1002 Electric Spray Control System

1010 Manual Spray Control System

1011 Star Command I TeeJet® Radion 8140 and Dynajet System with 15' boom

1012 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

3/4" or 5/8" Pressure Hose Kits in 50', 100' or 200' lengths

Pistol Grip JD9 Spray Gun

Drift Reduction Boom Shield