



Spray Star 1000 Specifications

ENGINE

Type	Vanguard V-twin air cooled
Displacement	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 (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

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

SPRAY TANK

Capacity	110 gallons (416 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)

WEIGHTS AND DIMENSIONS

Weight	Dry - 1480 lbs (675 kg), Loaded – 2248 lbs (1025 kg)
Length	104" (2.64m)
Width	70" (1.78m)
Height	77" (1.96m)
Wheelbase	53" (1.35m)

PRODUCT CONFIGURATION

Leaf spring front suspension
"Spray Boss" ground speed control
Choice of electric, computer or manual spray control system
Headlights
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