

# Smithco

## Spray Star 1750 Specifications



### ENGINE

|                   |  |
|-------------------|--|
| Type              | Vanguard V-twin Air Cooled   |
| Displacement      | 54.68 cu.in. (896 cc)  |
| Rated Horsepower  | 31 hp (23 kw)  |
| Air Cleaner       | Double Action air intake filtration<br>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     | 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<br>Rear: 24-13.00x12 Multi trac                                  |
| Service Brakes | Dynamic braking through hydrostatic transmission   |
| Parking Brake  | Auto spring pressure release park brake<br>Manual engagement to both rear wheels         |
| Steering       | Hydraulic Power Steering with orbitrol motor.<br>15" steering wheel with tilt adjustment |

### SPEED

|           |                     |
|-----------|---------------------|
| Transport | 0-12 mph (0-20 kph) |
|-----------|---------------------|

## 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<br>0.5-5 gallons per 1000 sq.ft. |
| Production Rate   | 6.4 acres/hour @ 3.5 mph (5.6 kph)<br>Up to 75 acres per day           |

## WEIGHTS AND DIMENSIONS

|           |  |
|-----------|--|
| Weight    | Dry - 1750 lbs (784 kg)<br>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