

Spray Star 1300



Precision and Power

The Spray Star 1300 tackles your toughest turf with long-lasting durable materials, an industry-leading droplet management system for precision and accuracy, and everything at your fingertips to get the job done. Designed to address the evolving needs of the turf management industry, this cutting-edge sprayer delivers power, precision and productivity with every spray, every time. When equipped with state-of-the-art GPS technology from Smithco's exclusive partnership with TeeJet® Technologies, the Star Command system on the Spray Star 1300 utilizes real-time data to enable industry-leading application rates and coverage, tailored to your specific turf.

• TRACTION DRIVE

Equipped with a mid-mount, 57 hp (42.5 kw), direct injection, Kubota gas engine and hydrostatic traction drive, the Spray Star 1300 delivers constant engine rpm for a consistent spray application across any terrain.

• OPERATOR COMFORT

Significantly quieter than previous models and ergonomically designed for superior visibility, handling, and comfort, the Spray Star 1300's cab-forward design makes the work simple, comfortable, and enjoyable.

• ACCURACY

Achieve 100% greater accuracy than our competitors with Smithco's Star Command system featuring DynaJet's smart droplet pulse width modulation technology, delivering less than 1 in (2.5 cm) corrections, turn compensation and industry leading 10 in (25 cm) nozzle spacing.

• ULTRA-HIGH FLOW

The self-priming and corrosion resistant, Hypro™ stainless steel centrifugal pump features 70 gpm (265 lpm) - providing the capability for high flow applications with QuadraJet agitation.

Exceptional Service and Products Since 1967
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Smithco
WE TAKE YOUR TURF SERIOUSLY

Spray Star 1300

SPECIFICATIONS

Smithco

United States | 877.833.7648
International | +1 610.688.4009

ENGINE

| | |
|-------------------|---|
| Type | Kubota WG1605 gas engine |
| Cooling | Liquid cooled |
| Lubrication | Full pressurized |
| Displacement | 93.79 in ³ (1536.9 cc) |
| Rated Horsepower | 57 hp (42.5 kw) |
| Air Cleaner | Cyclopac air intake filtration |
| Oil Filter | Full flow; Spin on type |
| Electrical System | 40 amp, with 12 V 900 CCA battery, fuse protected |
| Fuel Capacity | 16 gal (60.6 l) unleaded |

SPEED & SOUND

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|-------------|---------------------|
| Forward | 0-10 mph (0-16 kph) |
| Transport | 0-10 mph (0-16 kph) |
| Reverse | 0-5 mph (0-8 kph) |
| Sound Level | 86 dba |

SPRAY PERFORMANCE

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|-------------------|--|
| Application Rates | 20-120 gal/ac (180-2050 l/ha); 0.5-3 gal/1000 ft ² (1.89-11.36 l/1000 m ²) |
|-------------------|--|

PRODUCT CONFIGURATION

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|---------------------|--|
| Suspension | Leaf spring front suspension |
| Ground Speed System | Spray Boss mechanical ground speed system and cruise control |
| Controller | Choice of electric or auto-rate controller |
| ROPS | Roll bar with seat belts |

TRACTION DRIVE

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|-------------------|----------------------------------|
| Traction System | Hydrostatic 2WD |
| Hydraulic System | 10 gal (37.8 l) |
| Hydraulic Cooling | Full flow filter with oil cooler |

SPRAY SYSTEMS

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|--|--|
| Boom Options | 18.5 ft (5.6 m), 20 ft (6.1 m) or 24 ft (7.3 m) Super Boom |
| Advanced Rate Controller Electronic System | TeeJet® Radion w/ GPS speed sensor Electrical spray control system |
| Star Command I | Star Command I TeeJet® Radion and Dynajet System with 18.5 ft (5.6 m), 20 ft (6.1 m) or 24 ft (7.3 m) boom |
| Star Command II | Star Command II TeeJet® Matrix GPS Satellite System |

WEIGHTS & DIMENSIONS

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|-----------|--|
| Weight | Dry - 2340 lbs (1061 kg); Loaded 3698 lbs (2245 kg) |
| Length | 160 in (4.1 m) |
| Width | 72 in (1.8 m) |
| Height | 77 in (2 m) |
| Wheelbase | 68 in (1.7 m) |

SPRAY TANK

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|--------------|--|
| Capacity | 300 gal (1135 l) |
| Construction | Elliptical polyethylene with UV inhibitors. 16 in (40.6 cm) hinged lid with built in locking device and nylon strainer basket |
| Filtration | Downstream filtration 50 or 80 mesh strainer W/80 mesh sectional strainers |
| 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. |

TIRES, BRAKES & STEERING

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|---------------|---|
| Tires | Front: 22-11.00×10 turf; Rear: 29-14.00×15 multi trac |
| Braking | Dynamic braking through hydrostatic drive train |
| Parking Brake | Hydraulic release park brake |
| Steering | Hydraulic power steering with orbitrol motor; 15 in (38.1 cm) steering wheel with tilt adjustment |

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Learn More Today!