

# SPRAYTEK™ DS-300



*If you need a powerful sprayer with enough pressure and flow to provide consistent coverage and maintain proper agitation, even on hills, then you need the Cushman® SprayTek™ by Jacobsen®. With a stainless steel centrifugal pump this sprayer is a high value offering with lots of options available to tailor it to your specific needs.*

- **Two Leading Technologies - Together** - Cushman turf vehicles; SDI spray equipment.
- **Solution Tank** - Low-profile, tapered design; chemical and impact-resistant, baffled fiberglass; external sight tube with calibration marks; side-fill hatch for easy access.
- **Select Your Spray System** - Manual, all-function electronic system or Raven® flow-based computer boom control options; Booms include 15 ft. (4.57 m) or 20 ft. (6.1 m) convertible spray boom with 13 triple nozzle bodies on 20 in. (50.8 cm) centers, 15 ft. (4.57 m) with 10 in. (25.4 cm) or 20 in. (50.8 cm) nozzle spacing and 15 ft. (4.57 m) shielded all with bidirectional breakaway hinges. All deluxe spray booms now include forward folding storage feature.
- **DS-300 gallon** with 24.8 hp (18.5 kW) diesel engine.
- **Powerful Pump Gets the Job Done** - Corrosion-resistant 316 stainless centrifugal pump; Maximum capacity of 34 gpm (129 Lpm) at 60 psi; Lifeguard™ Silicon Carbide seals for leak resistance and long wear.

## QUICK SPECS

**Engine:** Kubota® D1105 diesel, 3-cylinder, 4-cycle, liquid cooled

**Tank Size:** 300 gallons (1136 L)

**Pump Capacity:** 34 gpm (129 Lpm) at 60 psi maximum flow capacity

### Dimensions:

**Weight:** 2110 lbs. (957 kg) with boom and boom control

**Length:** 133 in. (3.4 m)

**Height:** 74.5 in. (1.89 m)

### Width:

15 ft. (4.57 m) boom: 68 in. (1.7 m)

20 ft. (6.1 m) boom: 77 in. (2 m)



### CHECK IT OUT!

Scan with your smart phone to view the SprayTek™ DS-300 product page. Get app using your smartphone at [i-nigma.mobi](http://i-nigma.mobi)

# SPRAYTEK™ DS-300

## SPECIFICATIONS

## Sprayers

Engine	
Type	Kubota® D1105 diesel, 3-cylinder, 4-cycle, liquid cooled
Rated Horsepower*	24.8 hp (18.5 kW)
Air Cleaner	Donaldson® dry cartridge type with evacuator valve
Lubrication	Fully pressurized system with full flow oil filter
Fuel Capacity	7.0 gal. (26.5 L) No. 2 diesel
Electrical System	60 amp, heavy duty alternator; 12 V (0.8 kW) starter with safety interlock
Drive Train	
Clutch	7.1 in. (180 mm) single disc and pressure plate
Manual Transmission	Four speed manual truck transmission with low-low (creeper) first gear; synchronized in all forward gears; two speed rear axle
Tires, Brakes and Steering	
Front Tires	20 x 10-10, 4 ply rib tread
Rear Tires	24 x 13-12, 4 ply turf tread
Brakes	Heavy duty hydraulic, 7.9 in. (200 mm) duo-servo, self-adjusting brakes on all wheels, with dual master cylinder and remote trunk-mounted master cylinder reservoir
Steering	Automotive power steering
Front Suspension	Double A-arm independent suspension with spring-over shock absorbers
Rear Suspension	Heavy duty, multiple leaf springs with shock absorbers
Tank Capacity	300 gal. (1136 L)
Pump Capacity	34 gpm (129 Lpm) at 60 psi maximum flow capacity
Speed	
Manual Transmission	1st gear: 1.4 - 4.4 mph (2.3 - 7.1 km/h) 2nd Gear: 2.6 - 8.2 mph (4.2 - 13.2 km/h) 3rd Gear: 3.5 - 11.2 mph (5.6 - 18.0 km/h) 4th Gear: 5.0 - 15.9 mph (8.0 - 25.6 km/h) Reverse: 1.4 - 4.6 mph (2.3 - 7.4 km/h)
Weight and Dimensions	
Weight	2110 lbs. (957 kg) with boom and boom control
Length	133 in. (3.4 m)
Height	74.5 in. (1.89 m)
Wheelbase	88.2 in. (2.2 m)
Width	15 ft. (4.6 m) boom: 68 in. (1.7 m) 20 ft. (6.1 m) boom: 77 in. (2 m)

\*Engine horsepower is provided by engine manufacturer. Actual operating power output may vary due to conditions of specific use.

NOTE: Specifications, while correct at time of printing, may change without notice.

## PRODUCT CONFIGURATION

### EQUIPPED STANDARD

- ✓ 4-post ROPS with seat belt
- ✓ Liquid-cooled engine
- ✓ 2-speed rear axle
- ✓ Front underhood storage area
- ✓ Governor and hand throttle controls
- ✓ Headlights
- ✓ Horn
- ✓ Phone/cup holder
- ✓ 12V power outlet
- ✓ 4-ply turf tread rear tires
- ✓ Gage wheels standard on deluxe spray booms

### BOOM OPTIONS

- Convertible Deluxe Spray Boom 15 – 21 ft. (4.57 – 6.4 m)
- Ground contour wheel kit
- 15 ft. dry Deluxe spray boom, 9 triple nozzles on 20 in. (50.8 cm) centers
- 15 ft. dry Deluxe spray boom, 17 triple nozzles on 10 in. (25.4 cm) centers
- WINDBREAKER 2000 Shielded Turf Boom, 15 ft. (4.57 m)

### CONTROLLER OPTIONS

- SDI "All Function" Electric Control System
- Raven SCS330 or SC440 Control System

### ADDITIONAL OPTIONS AND ACCESSORIES

- Cab, black
- Quick Foam Marker System
- Electric Boom Lift Actuators
- GPS speed sensor for Raven 330 or 440 system
- Lightweight Walking Boom
- Manual or Electric Hose Reel
- Clean Load System