



SELF-PROPELLED SPRAYER

» SX275



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SPECIFICATIONS » SX275

MODEL	SX275
Engine	
Engine type	Cummins QSB6.7
Displacement	6.7-liter
Horsepower	275 hp (205 kW)
Emission	Tier 3 Stage IIIA
Torque rise	26.3%
Peak torque	730 lb-ft @ 1500 RPM
Cab	
Cab	Extended view / pressurized with air-ride seat (charcoal filter & buddy seat)
Frame	3 x 9 x 3/8 in 110,000 PSI steel C-channel
Transmission	
Transmission	Allison 3000RDS, 5 speed automatic (locking torque converter)
Maximum ground speed	35 mph (57 kph)
- 1st	0.0 - 7.0 mph (0.0 - 11.2 kph)
- 2nd	5.5 - 13.0 mph (11.2 - 22.5 kph)
- 3rd	13.0 - 17.4 mph (22.5 - 29.0 kph)
- 4th	17.4 - 24.8 mph (29.0 - 41.8 kph)
- 5th	24.8 - 35.0 mph (41.8 - 57.0 kph)
Axle	
Final drives	Fairfield, heavy-duty all-gear drop boxes
Axle width	120 - 152 in (304 - 386 cm) (hydraulic adjust, 4-wheel independent)
Differential	JCB heavy-duty on-the-Go hydraulic lock
Brakes	Heavy-duty 4-wheel disc
Parking brake	Spring applied hydraulic release
Tires	380(14.9)/90R46 front and rear (with fenders)
Suspension	
Chassis suspension	Air bag with auto height adjust and sway control
Boom suspension	Tandem rubber torsion (Henschen) suspension
Hydraulics	
Hydraulic system	4.88 cu. in. (80 cc) pressure compensated pump @ 2600 psi (180 bar)
Boom	
Boom width	80, 90, 100, 120 ft (24.4, 27.4, 30.5, 36.6 m)
Boom height	25 - 72 in (63 - 183 cm)
Tanks and Capacities	
Product tank	1200 U.S. gal stainless (4540 L)
Rinse tank	120 U.S. gal (454 L)
Hydraulic capacity	35 U.S. gal (132.5 L)
Accessories	
Control system	Raven 4400, Raven Envizio Pro
Ladder	Wide cast steps with hydraulic fold
Product pump	Hypro® 9306-HM5C
Paint	Epoxy primer with polyurethane top coat
Dimensions and Weights	
Wheelbase	13 ft 9 in (4.19 m)
Length	27 ft (8.23 m)
Crop clearance	48 in (122 cm)
Turning radius	15 ft (4.57 m)
Weight	25,100 lb (11,385 kg)

