



SELF-PROPELLED SPRAYER

» SX275



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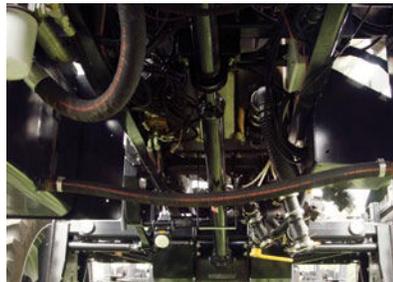
MaxTorque® Mechanical Drive

The heart of the SX275 is the advanced MaxTorque® two-wheel mechanical drive system. Its superior power-to-the-ground mechanical drive operates at lower RPMs than hydrostatic drives, providing a level of fuel efficiency that will literally save you thousands of dollars each year.

Driven by a 275 hp Cummins power plant and a rugged-duty Allison 5-speed automatic transmission with locking torque converter, the Versatile SX275 is a simpler approach to a more reliable, easy-to-maintain solution.

Our super-strong C-channel frame with bolted cross members flexes so the wheels stay in constant contact with the ground – providing a steady and stable ride over challenging terrain.

Hydrostatic models may boast engines with more horsepower; but higher operating RPMs and less-efficient drive trains make these machines debatable. With the Versatile MaxTorque drive, you'll dominate the most difficult terrain and field conditions.



ProAction-Flex® Boom

The ProAction-Flex® Boom on the Versatile SX275 sets a new standard in boom performance. Its extreme-duty design incorporates the most efficient strength-to-weight lattice-style construction. In addition, the center pivot is positioned high on the center section for the ultimate in balance and stability.



With the ProAction-Flex Boom, you're able to tilt and/or lock the full length of the boom in place, keeping it parallel with the terrain while maintaining proper distance from the spray tip to target. In fact, it's so strong and finely balanced; you can turn at speed without it dipping into the crop.

The ProAction-Flex Boom also incorporates a sophisticated three-stage progressive dampening system for yaw control, minimizing the forward and backward movement of the boom that can cause imprecise applications. Its tandem rubber torsion Henschen suspension is the industry's most advanced parallel boom linkage. The ProAction-Flex Boom travels "in sync" with the Versatile SX275, ensuring that products are distributed evenly and precisely.

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)





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