

## Model SX280

<b>SX280</b>	
<b>ENGINE</b>	
Engine type	Cummins QSB6.7
Displacement	6.7-liter
Horsepower	280 hp (209 kW)
Peak horsepower	291 hp (214 kW)
Emission	IT4
Torque rise	28.3%
Peak torque	760 lb-ft @ 1800 RPM
<b>STRUCTURE</b>	
Cab	HQ Cab / pressurized with air-ride seat (charcoal filter & instructional seat)
Cab glass	77 sq. ft. (7.18 sq. m)
Frame	3 x 9 x 3/8 in 110,000 PSI steel c-channel
<b>TRANSMISSION</b>	
Transmission	Allison 3000RDS, 5 speed automatic transmission
Maximum ground speed	35 mph (57 kph)
<b>AXLES</b>	
Final drives	Heavy-duty all-gear drop boxes
Axle width option	Fixed 120 in (304 cm), manual, and hydraulic adjustable 120 - 152 in (304 - 386 cm)
Differential	JCB heavy-duty with on-the-go hydraulic differential lock
Brakes	Heavy-duty 4-wheel disc
Parking break	Spring applied hydraulic release
Tires	380(14.9)/90R46 front and rear (with fenders) (optional 320, 520 and 710 tires)
<b>SUSPENSION</b>	
Chassis suspension	Air bag with auto height adjust and sway control
Boom suspension	Tandem rubber torsion suspension
<b>HYDRAULICS</b>	
Hydraulic system	4.88 cu. in. (80 cc) pressure compensated pump @ 2500 psi (180 bar)
<b>BOOM</b>	
Boom width	90, 100, 120 ft (27.4, 30.5, 36.5 m)
Boom height	25 - 72 in (63 - 183 cm)
<b>TANKS AND CAPACITIES</b>	
Product tank	1200 U.S. gal stainless (4540 L) or 1000 U.S. gal poly (3785L)
Rinse tank	120 U.S. gal (454L) w/1200 SS tank, 100 U.S.gal (378L) w/1000 poly tank
Hydraulic capacity	32 U.S. gal (121 L)
Fuel capacity	130 U.S. gal (492 L)
<b>ACCESSORIES</b>	
Control system	V-PAS: Raven 5000, EnvisoPro II, Viper 4
Ladder	Front entry, hydraulic retract with park brake
Product pump	Hypro® 9306-HM5C-3U cast or stainless
<b>DIMENSIONS AND WEIGHTS</b>	
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	27,300 - 28,194 lb depending on boom size and other options (12,409 - 12,789 kg)