



	SX240	SX280
ENGINE		
Engine type	Cummins QSB6.7	Cummins QSB6.7
Displacement	6.7-liter	6.7-liter
Horsepower	240 hp (178 kW)	280 hp (209 kW)
Peak Horsepower	248 hp (183 kW)	291 hp (214 kW)
Emission	iT4	iT4
Torque rise	30.8%	28.3%
Peak torque	730 lb-ft @ 1500 RPM	760 lb-ft @ 1800 RPM
STRUCTURE		
Cab	HQ Cab / pressurized with air-ride seat (charcoal filter & instructional seat)	HQ Cab / pressurized with air-ride seat (charcoal filter & instructional seat)
Cab glass	77 sq. ft. (7.18 sq. m)	77 sq. ft. (7.18 sq. m)
Frame	3 x 9 x 3/8 in 110,000 PSI steel c-channel	3 x 9 x 3/8 in 110,000 PSI steel c-channel
TRANSMISSION		
Transmission	Allison 2500RDS, 5 speed automatic transmission	Allison 3000RDS, 5 speed automatic transmission
Maximum ground speed	35 mph (57 kph)	35 mph (57 kph)
AXLES		
Final drives	Heavy-duty all-gear drop boxes	Heavy-duty all-gear drop boxes
Axle width option	Fixed 120 in (304 cm), manual, and hydraulic adjustable 120 - 152 in (304 - 386 cm)	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	JCB heavy-duty with on-the-go hydraulic differential lock
Brakes	Heavy-duty 4-wheel disc	Heavy-duty 4-wheel disc
Parking brake	Spring applied hydraulic release	Spring applied hydraulic release
Tires	380(14.9)/90R46 front and rear (with fenders) (optional 520 and 710 tires)	380(14.9)/90R46 front and rear (with fenders) (optional 520 and 710 tires)
SUSPENSION		
Chassis suspension	Air bag with auto height adjust and sway control	Air bag with auto height adjust and sway control
Boom suspension	Tandem rubber torsion suspension	Tandem rubber torsion suspension
HYDRAULICS		
Hydraulic system	3.80 cu. in. (60 cc) pressure compensated pump @ 2500 psi (180 bar)	4.88 cu. in. (80 cc) pressure compensated pump @ 2500 psi (180 bar)
BOOM		
Boom width	90, 100 ft (27.4, 30.5 m)	90, 100 ft (27.4, 30.5 m)
Boom height	25 - 72 in (63 - 183 cm)	25 - 72 in (63 - 183 cm)
TANKS AND CAPACITIES		
Product tank	1000 U.S. gal poly (3785L)	1200 U.S. gal stainless (4540 L) or 1000 U.S. gal poly (3785L)
Rinse tank	100 U.S. gal (378L)	120 U.S. gal (454 L)
Hydraulic capacity	32 U.S. gal (121 L)	32 U.S. gal (121 L)
Fuel capacity	130 U.S. gal (492 L)	130 U.S. gal (492 L)
ACCESSORIES		
Control system	V-PAS: Raven 5000, EnvizioPro	V-PAS: Raven 5000, EnvizioPro
Ladder	Front entry, hydraulic retract with park brake	Front entry, hydraulic retract with park brake
Product pump	Hypro® 9306-HM5C-3U cast or stainless	Hypro® 9306-HM5C-3U cast or stainless
DIMENSIONS AND WEIGHTS		
Wheelbase	13 ft 9 in (4.19 m)	13 ft 9 in (4.19 m)
Length	27 ft (8.23 m)	27 ft (8.23 m)
Crop clearance	48 in (122 cm)	48 in (122 cm)
Turning radius	15 ft (4.57 m)	15 ft (4.57 m)
Weight	27,300 - 28,194 lb depending on boom size and other options (12,409 - 12,815 kg)	27,300 - 28,194 lb depending on boom size and other options (12,409 - 12,789 kg)