

XCMG Soil Compactor XS142J (2011) – Detailed Specification

General Specifications

Model	XCMG XS142J
Machine Type	Single Drum Vibratory Soil Compactor
Manufacturing Year	2011
Operating Weight	≈ 14,000 kg
Engine Model	Shangchai SC8D
Engine Type	6-cylinder, turbocharged diesel
Fuel System	Mechanical direct injection
Rated Power	≈ 103 kW (138 hp) @ 2,000 rpm
Drum Width	2,130 mm
Drum Diameter	1,520 mm
Static Linear Load	≈ 330 N/cm
Vibration Frequency	30 / 35 Hz
Nominal Amplitude	1.9 / 0.95 mm
Centrifugal Force	≈ 300 kN
Travel Speed (Max)	≈ 10 km/h
Gradeability	≈ 50%
Steering Type	Articulated steering
Fuel Tank Capacity	≈ 230 L
Overall Dimensions (LxWxH)	≈ 5,980 × 2,300 × 3,100 mm

Declaration: This specification sheet is intended for reference only. Actual machine specifications, configuration, performance, and ground conditions may vary depending on manufacturing batch, equipment condition, region, and jobsite environment.