

Caterpillar Soil Compactor CS11 GC (2020) – Detailed Specification

General Specifications

Model	Caterpillar CS11 GC
Machine Type	Single Drum Vibratory Soil Compactor
Manufacturing Year	2020
Operating Weight	≈ 23,500 kg
Engine Model	Cat C7.1
Engine Type	6-cylinder, turbocharged diesel
Fuel System	Common Rail Direct Injection
Rated Power	≈ 186 kW (249 hp) @ 2,200 rpm
Emission Standard	Tier 4 Final / Stage V
Drum Width	2,130 mm
Drum Diameter	1,535 mm
Drum Shell Thickness	40 mm
Static Linear Load	≈ 72 kg/cm
Vibration Frequency	30 / 35 Hz
Nominal Amplitude	1.9 / 0.95 mm
Centrifugal Force	≈ 460 kN
Compaction Width	2,130 mm
Travel Speed (Max)	≈ 11 km/h
Gradeability	≈ 50%
Fuel Tank Capacity	≈ 435 L
Hydraulic Oil Tank	≈ 65 L
Overall Dimensions (LxWxH)	≈ 6,400 × 2,300 × 3,300 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.