

Caterpillar Excavator 311D (11 Tons, 2013) – Detailed Specification

General Specifications

Model	Caterpillar 311D
Equipment Type	Hydraulic Excavator
Manufacturing Year	2013
Operating Weight	≈ 11,000 – 12,500 kg
Engine Model	CAT C4.2 ACERT
Engine Type	4-cylinder turbocharged diesel
Rated Power	≈ 60 – 65 kW (80 – 87 HP)
Fuel System	Common rail direct injection
Bucket Capacity	≈ 0.35 – 0.55 m ³
Max Digging Depth	≈ 5,000 – 5,300 mm
Max Digging Height	≈ 8,000 – 8,300 mm
Max Dumping Height	≈ 5,800 – 6,100 mm
Max Reach at Ground	≈ 7,800 – 8,100 mm
Hydraulic System	Load sensing hydraulic system
Main Pump	Variable displacement piston pump
Travel Speed	≈ 3.0 – 5.0 km/h
Swing Speed	≈ 10 – 11 rpm
Gradeability	≈ 35%
Track Type	Steel track
Fuel Tank Capacity	≈ 220 – 260 L
Hydraulic Oil Capacity	≈ 100 – 130 L
Overall Dimensions (LxWxH)	≈ 7,200 × 2,490 × 2,800 mm

Declaration: This specification sheet is intended for reference only. Actual machine specifications, configuration and performance may vary depending on operating condition and configuration.