

Rotary Drilling Rig ZR250C (105 Tons, 2013) – Detailed Specification

General Specifications

Model	ZR250C
Machine Type	Rotary Drilling Rig
Manufacturing Year	2013
Operating Weight	≈ 105,000 kg
Engine Brand	Cummins
Engine Model	Cummins QSM11
Engine Type	6-cylinder, turbocharged diesel
Fuel System	Common rail direct injection
Rated Power	≈ 298 kW (400 hp)
Emission Standard	Tier 3
Rotary Torque	≈ 250 kN-m
Max Drilling Depth	≈ 80 m
Max Drilling Diameter	≈ 2,500 mm
Kelly Bar Type	Interlocking / Friction
Main Winch Line Pull	≈ 300 kN
Auxiliary Winch Line Pull	≈ 100 kN
Hydraulic System	Load sensing, pilot control
Travel Speed	≈ 1.3 km/h
Gradeability	≈ 30°
Track Shoe Width	900 mm
Fuel Tank Capacity	≈ 900 L
Overall Dimensions (LxWxH)	≈ 9,200 × 3,800 × 3,600 mm

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