

Rotary Drilling Rig FR6200 (58 Tons, 2014) – Detailed Specification

General Specifications

Model	FR6200
Machine Type	Rotary Drilling Rig
Manufacturing Year	2014
Operating Weight	≈ 58,000 kg
Engine Brand	Cummins
Engine Model	Cummins QSB6.7
Engine Type	6-cylinder, turbocharged diesel
Fuel System	Common rail direct injection
Rated Power	≈ 194 kW (260 hp)
Emission Standard	Tier 3
Main Winch Line Pull	≈ 200 kN
Auxiliary Winch Line Pull	≈ 80 kN
Rotary Torque	≈ 200 kN-m
Max Drilling Depth	≈ 60 m
Max Drilling Diameter	≈ 2,000 mm
Kelly Bar Type	Friction / Interlocking
Hydraulic System	Load sensing hydraulics
Travel Speed	≈ 1.5 km/h
Gradeability	≈ 30°
Track Shoe Width	800 mm
Fuel Tank Capacity	≈ 700 L
Overall Dimensions (LxWxH)	≈ 8,200 × 3,200 × 3,500 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, and site conditions.