

SANY Rotary Drilling Rig SR235 (2020) - Expanded Specification Sheet

General Specifications

Drilling Capacity	
Max Pile Diameter	2,000 mm (uncased) / 1,500 mm (cased)
Max Drilling Depth	68 m (standard Kelly) / 54 m (with casing)
Rated Output Torque	235 kN·m
Rotation Speed	5 – 27 rpm
Crowd System	
Crowd Force	210 kN
Crowd Stroke	15,000 mm
Winch System	
Main Winch	235 kN line pull, Ø32 mm rope, max speed 70 m/min
Auxiliary Winch	80 kN line pull, Ø20 mm rope, max speed 70 m/min
Engine & Hydraulics	
Engine	Isuzu 6UZ1, 6-cyl diesel, 257 kW @ 2,000 rpm (COM III)
Main Pump	2× axial piston pumps, max flow ≈ 2×360 L/min
System Pressure	34.3 MPa
Dimensions & Weight	
Operating Weight	≈81,000 kg
Machine Height	22,870 mm
Transport Width	3,550 mm
Transport Height	3,575 mm
Track Shoe Width	800 mm
Ground Pressure	
Mast / Working Range	
Mast Inclination	Forward 5°, Backward 90°, Lateral ±3°
Kelly Bar Options	Friction or interlocking (depth dependent)

Declaration: This specification sheet is intended for reference only. Actual rig specifications, performance, and ground conditions may differ from the information presented here. No guarantee is implied that the listed specifications will correspond exactly to any specific machine.