

The RSG-2200 is a wire-line core drill rig, suitable for various exploration and prospecting applications.

RSG-2200 Performance Features

- Self contained operator panel with manually operated hydraulic control valves
- 12 ton capacity mainline hoist
- 25 ton pullback with 6 m rod pull, direct-coupled feed cylinder with 3.7 m stroke
- 45-90 degree drilling mast angle capability
- Hydraulic Chuck with 243 kN holding capacity
- Hydraulic powered rod clamp with BQ rod to HWT casing jaw sizes
- PQ foot clamp, spring close / hydraulic open for failsafe operation
- Individual cooling system, centralised operator panel

RSG-2200 Specifications

Diesel Engine	Model/ Displacement		WP6G240E330 (EU Stage IIIA)/ 6.7L	
	Power/ Rated RPM		176 kW (240HP)/ 2200rpm	
Recommended maximum drilling depths	BQ	2050 m	HQ	1350 m
	NQ	1650 m	PQ	950 m
Drill Head	Rotation Motor		Two-speed Hydraulic Motor	
	RPM		Three Shifts Step-less Change : 0-1250 RPM	
	Head Opener		600 MM	
	Hydraulic Chuck(PQ)		Hydraulically opened Axial Holding Capacity of 243000 N	
	Max. Torque		6200 N·m	
	Hold Diameter		121 mm	
	Max. Lifting capacity of Spindle		235 kN	
	Max. Feeding Power		80 kN	
Capacity of Main Hoist	Hoisting Speed (single wire)		0-65 m/min(bare drum)	

	Hoisting force (single wire)	120 kN
	Steel Wire Diameter	20-22 mm
	Steel Wire Length	45 m
Capacity of Wireline Hoist	Hoisting Force (single wire)	15 kN (3372 lbf) (bare drum)
	Steel Wire Diameter	6-8 mm
	Steel Wire Length	2200 m
Mast	Mast Height	9.5 m
	Drilling Angle	45° to 90°
	Feeding Stroke	3700 mm
	Slippage Stroke	1000 mm
	Feed Pull	25 ton
	Feed Thrust	9 ton
	Rod Pull	3m or 6m (9.84 feet or 19.68 feet)
Mud Pump	Output volume	250 L/min
	Discharge pressure	8.0 Mpa
Foot Clamp	Clamping Scope	55.5-118 mm through hole Φ 165mm
Others	Weight	10.50 tonnes
	(L × W ×H)	5880×2240×2480mm
	Transport Dimensions	
	Transport Way	Steel Crawler