

DC Electric Drilling Rig

Main Features

1. Our DC electric drilling rig allows for stepless speed regulation on drawworks, rotary table and mud pump, thus enhancing drilling performance.
2. Derrick, base and platform equipment on this drilling machinery are all installed at lower place and lifted up by drawworks in a holistic approach.
3. Optional digital control is available for automatic drilling system. As a result, driller are able to make in-time and necessary adjustments on drilling parameters via touch screen, so as to offer optimized performance, reduced labor work and ensured efficiency.
4. Our drilling equipment is endowed with the capability of displaying, storing, regulation and remote management of key drilling parameters.

5000m DC Electric Drilling Rig



CHENGDU COBRA TRADING CO.,LTD

Specification

Nominal Drilling Depth	5000m (114mm Drilling Rod)	Substructure Type	Telescoping
	4500m (127mm Drilling Rod)	Substructure Height and Rotary Table Clearance	9m, 7.62m
Max. Hook Load	3150kN	Derrick Model and Effective Height	K-Shaped, 45m
Rope System of Travelling System	6×7, Successively Twined	Transmission Mode	AC-SCR-DC
Rated Power of Drawworks	1100kW (1500hp)	Main Generator Quantity/Power	3×1200kW
Gear Number of Drawworks	4F+4R	Auxiliary Generator Quantity/Power	1×292kW
Diameter of Drilling Wire Rope	Φ35mm	Main Motor Quantity/Power	7×800kW (DC) + 1×45kW (Inverter-Duty)
Opening Diameter of Rotary Table	952.5mm (37 1/2")	High Pressure Mud Manifold	Φ102mm (Drift Diameter) × 35MPa
Gear Number of Rotary Table	2F+2R	Effective Volume of Solid Control System	320m ³
Quantity and Power of Drilling Pump	2×1600hp		

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