

Independent Electric Rotary Table Driven Rig

Main Features

1. Based on general drilling mechanism, our independent electric drilling rig isolates rotary table from drawworks drive. Therefore, rotary table speed and torque as well as mud pump stroke can be practically adjusted in accordance with actual applications, which is the perfect foundation for customized drilling effects and automatic drilling system.
2. We adopt digital automatic control technology for rotary table and auto bit feeding system. Our drill machine offers similar performance as digital control variable frequency rig yet in a more cost effective manner.
3. Our independent electric drilling rig is endowed with touch screen so as to offer in-time adjustments on drilling parameters to fit actual applications. Operatives avail from drastically reduced work load and enhanced working efficiency. Moreover, value-added functions, such as parameter display, store, regulation and remote management, are also available to meet customer satisfaction.

4000m Independent Electric Rotary Table Driven Rig



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CHENGDU COBRA TRADING CO.,LTD

Specification

Nominal Drilling Depth	4000m (114mm Drilling Rod)	Substructure Type	Telescoping
	3200m (127mm Drilling Rod)	Substructure Height and Rotary Table Clearance	7.5m, 6.3m
Max. Hook Load	2250kN	Derrick Model and Effective Height	K-Shaped, 43m
Rope System of Travelling System	5×6, Successively Twined	Transmission Mode	Hydraulic Transmission + Chain Compound Gearbox +AC-VFD-AC
Rated Power of Drawworks	735kW (1000hp) (1000kW/1340hp)	Main Diesel Engine Model/Power	3×810kW
Gear Number of Drawworks	4F+2R	Auxiliary Generator Quantity/Power	3×400kW
Diameter of Drilling Wire Rope	Φ32mm	Inverter-Duty Motor Quantity/Power	1×600kW + 1×45kW
Opening Diameter of Rotary Table	698.5mm (27 1/2")	High Pressure Mud Manifold	Φ102mm (Drift Diameter) × 35MPa
Gear Number of Rotary Table	1 Gear, Stepless Regulation	Effective Volume of Solid Control System	260m ³
	2 Gears, Stepless Regulation		
Quantity and Power of Drilling Pump	2×1300hp		

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