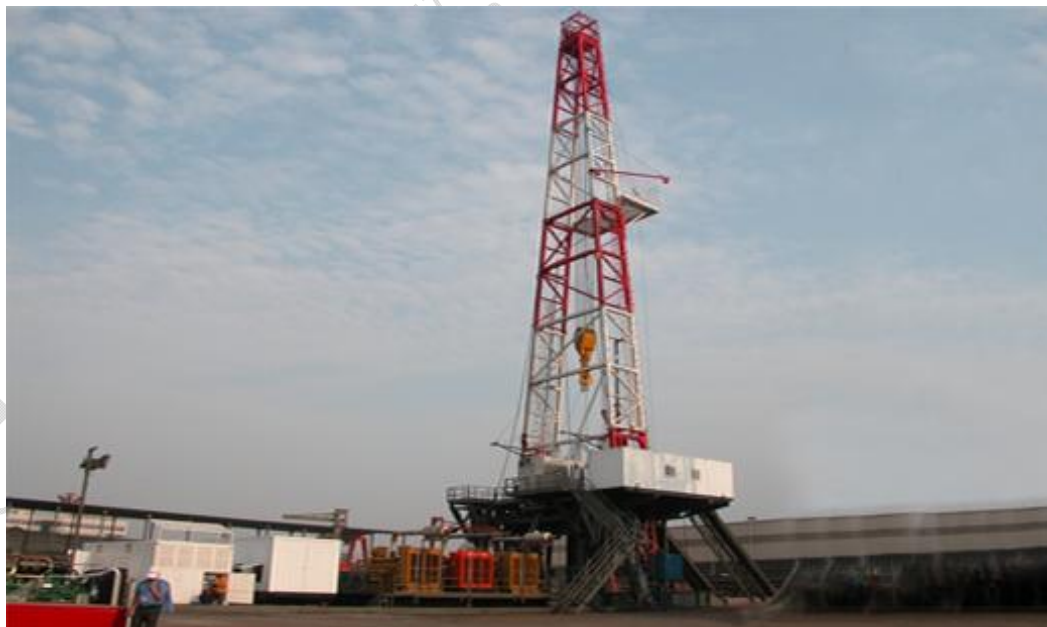


Independent Electric Rotary Table Driven Rig

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.

5000m Independent Electric Rotary Table Driven Rig



CHENGDU COBRA TRADING CO.,LTD

Specification

Nominal Drilling Depth	3500-5000m (114mm Drilling Rod)	Quantity and Power of Drilling Pump	2×1600hp
	2800-4500m (127mm Drilling Rod)	Substructure Type	Telescoping
Max. Hook Load	3150kN	Substructure Height and Rotary Table Clearance	9m/7.62m
Rope System of Travelling System	6×7, Successively Twined	Derrick Model and Effective Height	K-Shaped, 44.5m
Rated Power of Drawworks	1100kW (1500hp) (1000kw/1600hp)	Transmission Mode	Hydraulic Transmission + Chain Compound Gearbox +AC-VFD-AC
Gear Number of Drawworks	4 Gears	Main Diesel Engine Model/Power	3×810kW
	6 Gears		
Diameter of Drilling Wire Rope	Φ35mm	Auxiliary Generator Quantity/Power	3×400kW
Opening Diameter of Rotary Table	952.5mm (37 1/2")	Inverter-Duty Motor Quantity/Power	1×600kW + 1×45kW
	698.5mm (27 1/2")		
Gear Number of Rotary Table	1 Gear	High Pressure Mud Manifold	Φ102mm (Drift Diameter) × 35MPa
	2 Gears		
		Effective Volume of Solid Control System	320m ³

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