

## **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.

### **7000m Independent Electric Rotary Table Driven Rig**



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# CHENGDU COBRA TRADING CO.,LTD

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## Specification

Nominal Drilling Depth	7000m (114mm Drilling Rod)	Quantity and Power of Drilling Pump	2×1600hp (3×1600hp)
	6000m (127mm Drilling Rod)	Substructure Type	Telescoping
Max. Hook Load	4500kN	Substructure Height and Rotary Table Clearance	9m, 7m
Rope System of Travelling System	6×7, Successively Twined	Derrick Model and Effective Height	K-Shaped, 45m
Rated Power of Drawworks	1470kW (2000hp) (1490kW/2000hp)	Transmission Mode	Hydraulic Transmission + Chain Compound Gearbox + AC-VFD-AC
Gear Number of Drawworks	4 Gears: 4F+2R 6 Gears: 6F+2R	Main Diesel Engine Model/Power	3×810kW (4×810kW)
Diameter of Drilling Wire Rope	Φ38mm	Auxiliary Generator Quantity/Power	3×400kW
Opening Diameter of Rotary Table	950mm (37 1/2")	Inverter-Duty Motor Quantity/Power	1×600kW + 1×45kW
Gear Number of Rotary Table	1 Gear 2 Gears	High Pressure Mud Manifold	Φ102mm (Drift Diameter) × 35MPa
		Effective Volume of Solid Control System	430m <sup>3</sup>

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