

Truck Mounted Drilling Rig

Main Features

1. Our truck mounted drilling rig is regarded as the largest heavy-duty rig on the market. This drilling equipment is fitted with 14×8 enhanced substructure offering remarkable off-road capability.
2. Two diesel engines are connected with Allison transmission and compound gearbox to drive drawworks and rotary table. Dual motor compounding system delivers reliable transmission and easy maintenance, and allows for operation of single motor or dual motor.
3. Main brake of drawworks adopts water cooled band brake and optional hydraulic disc brake is available for your selection. Auxiliary brake introduces Eaton pneumatic water-cooled disc brake to offer stable performance.
4. Our truck mounted drilling rig involves the utilization of new folding platform, featuring rugged structure and easy installation.
5. In order for optimized load distribution and simplified installation, the driving, transmission, control, lifting and rotating systems of the trailer mounted drilling rig are all placed inside the off-road level substructure.
6. Truck mounted frame and substructure beam employ special materials and structure to ensure transport efficiency, competent toughness and reduced weight applicable for 3000m and 4000m drilling rig.

3000m Truck Mounted Drilling Rig



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CHENGDU COBRA TRADING CO.,LTD

Specification

Drilling Depth (4 1/2" Drill Rod) (m)/(ft)	3000/9842.5	Substructure Type	Spin-Up
Max. Drilling Depth (3 1/2" Drill Rod) (m)/(ft)	5700/18701	Substructure Height and Rotary Table Clearance	6m, 4.9m
Max. Hook Load	1700kN	Derrick Model and Effective Height	Mast, Telescopic, 38m
Rope System of Travelling System	5×6, Successively Twined	Transmission Mode	Hydraulic Transmission + Chain Transmission
Rated Power of Drawworks	550kW (738hp)	Diesel Engine Model/Power	2×403kW
Gear Number of Drawworks	5F+1R	Transmission Model	Allison M5610AR
Diameter of Drilling Wire Rope	Φ29mm	High Pressure Mud Manifold	Φ102mm (Drift Diameter) × 35MPa
Opening Diameter of Rotary Table	520.7mm (20 1/2")	Pneumatic System Working Pressure	1MPa
Gear Number of Rotary Table	5F+1R	Hydraulic System Working Pressure	16MPa
Quantity and Power of Drilling Pump	2×800hp	Weight (kg)/(lb)	74000/16314

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