

Trailer Mounted Drilling Rig

Main Features

1. All the important systems of the trailer mounted drilling rig are deployed on the exclusive semi-trailer substructure, including drive system, transmission system, control system, lifting system and rotating system. Customers benefit from easy installation and efficient transport.
2. Rotary table and drawworks on the trailer mounted drilling rig involve the utilization of mature and reliable mechanical transmission for stable performance and easy maintenance.
3. We adopt well-conceived compound gearbox for optimized operation of double motors on our drilling equipment. Rotary table gearbox is driven by transmission shaft of the compound gearbox, thus offering simplified installation and economic performance.
4. Electromechanical-digital design provides digital control with higher levels of automation, intelligence and information. Our walking rig is able to perform functions of display, store, regulation and remote management of heavy duty drilling rig parameters, whereby drastically enhancing operation efficiency and reducing workload.

2000m Trailer Mounted Drilling Rig



CHENGDU COBRA TRADING CO.,LTD

Specification

Nominal Drilling Depth	2000m (114mm Drill Rod)	Substructure Type	Spin-Up
	1800m (127mm Drill Rod)	Substructure Height and Rotary Table Clearance	6m, 4.3m
Max. Hook Load	1580kN	Derrick Model and Effective Height	Mast with Two Sections, 36m
Rope System of Travelling System	4×5, Successively Twined	Transmission Mode	Hydraulic Transmission + Chain Transmission
Rated Power of Drawworks	400kW (536hp) (550hp)	Diesel Engine Model/Power	CAT C18/522kW
Gear Number of Drawworks	5F+1R	Transmission Model	Allison S6610H
Diameter of Drilling Wire Rope	Φ29mm	High Pressure Mud Manifold	Φ102mm(DriftDiameter)×35MPa
Opening Diameter of Rotary Table	520mm (20 1/2")	Effective Volume of Solid Control System	120m ³
Gear Number of Rotary Table	5F+1R	Hydraulic System Working Pressure	16MPa
Quantity and Power of Drilling Pump	1×800hp (2×500hp/2×370kW)	Emergency Generator Quantity and Power	1×37kW

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