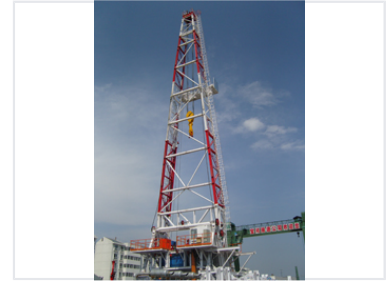


# Mobile Drilling Rig

This mobile drilling rig utilizes an AC-SCR-DC digital electric control system. Its drawworks, rotary table, and mud pump facilitate smooth speed changes for optimal operation, ensuring steady starts, high efficiency, and automatic load distribution.



## Overview

### RT40D Mobile Drilling Rig

The RT40D is a high-performance mobile drilling rig engineered for reliable operation in demanding geological environments. It features a robust K-type mast and a versatile slingshot substructure to facilitate efficient site setup. With advanced braking systems and high-capacity hoisting capabilities, this unit is designed to provide precision control and safety for deep-well drilling projects.

## Performance

### Nominal Drilling Depth

**3200 m**

5in DP

**4000 m**

4.5in DP

### Max Hook Load

2250 Kn

## Hoisting System

### Hoisting System Details

Feature	Specification
Drawworks Input Power	440 kW
Max Pull (Fastline)	280 Kn
Drawworks Speeds	4F + 4R
Hook Speed	0-1.4 m/s

## Rotary Table

### Rotary Table Performance

- Opening: 698.5mm
- Speeds: 2F + 2R
- Rated Input Power: 437 kW
- Max Static Load: 2250 Kn
- Max Torque: 27500 N.m

## Mast & Substructure

### Structural Specifications

- Mast Type: K Type
- Mast Height: 43m
- Substructure Type: Slingshot
- Drill Floor Height: 7.5m
- Drill Floor Area: 10.8 x 9.5m

## Safety & Control

### Braking Systems

Hydraulic Disc Brake, Eddy Brake