

Mobile Drilling Rig

This mobile drilling rig is designed for efficient and rapid deployment in various drilling operations. It features a robust derrick structure and a mobile base, making it suitable for oil and gas exploration, geothermal drilling, and other industrial applications.



Overview

High-Mobility Drilling Solution

This mobile drilling rig features a modular design and compact structure, specifically engineered for rapid deployment and efficient transportation. It is designed to operate reliably in harsh desert environments, capable of functioning in ambient temperatures ranging from -20°C to +55°C. The rig utilizes high thermal-resistant electrical components and advanced air-cooling methods to ensure consistent performance during demanding drilling operations.

Key Metrics

Key Performance Metrics

16400 ft

Max Drilling Depth (5" DP)

795 KIPS

Max Hook Load

1500 hp

Max Rated Power

Technical Specifications

Drilling Capacity Comparison

Feature	FM1000	FM1500
Max Hook Load (KIPS)	496	695 / 795
Max Drill Pipe Load (KIPS)	265	350 / 396
Rated Power (hp)	920 / 1250	1500
Rotary Table Opening (in)	27-1/2	37-1/2

Operational Features

Logistics and Design

- Modular design for easy separation
- Compact structure
- Mast transportable in erect or low position
- Suitable for long-distance transport

Operating Conditions

Desert Operation Ready, -20°C to +55°C Range, High Thermal Resistance, Air Cooling System

Equipment Details

Braking Systems

- Main: Disc brake / energy consumption brake
- Auxiliary: Eddy current brake / E.T.N brake

Mast Specifications

142 ft

Clear Height