

# Land-Based Oil and Gas Drilling Rig

This land-based drilling rig is designed for oil and gas exploration and production. It includes a derrick structure with hoisting system, a substructure, and a pipe rack.



## Overview

### Advanced Land-Based Drilling Solutions

This land-based drilling rig is engineered for efficient oil and gas exploration and production across diverse terrains and geological conditions. Featuring a robust derrick structure and a high-capacity hoisting system, it is designed for reliable lifting and lowering of drill strings. The integrated substructure and specialized pipe rack ensure organized operations and structural stability during intensive drilling projects.

## Technical Specifications

### Performance Metrics

**70 hm**

Nominal Drilling Depth

**4500 kN**

Max Hook Load

### Model Designation

ZJ70/4500

## System Components

### Integrated Systems

- Hoisting System
- Derrick Structure
- Substructure Support
- Pipe Rack Storage
- Mud Pump System
- Control Systems
- Safety Features

## Compliance & Quality

### Industry Certifications

ISO 9001, HSE Certified, CE Certified, Safety Production License

## Operational Capabilities

### Application Environment

Suitable for various terrains and geological conditions in land-based oil and gas exploration.