

# DC Electric Drilling Rig

These DC-drive electric drilling rigs allow for independent DC speed control of the drawworks, rotary table, and mud pump. The drawworks has one or more DC motors, chain drive, and a hydraulic disc brake & electromagnetic eddy current brake.



## Overview

### DC Electric Drilling Rig Series

This series of DC (SCR) electric drilling rigs is engineered for high-performance petroleum prospecting and exploration. Designed for versatility and reliability, these rigs support various drilling depths ranging from 3,000m to 9,000m. With robust steel lattice structures and heavy-duty hoisting capabilities, they are built to meet the rigorous demands of international oil and gas engineering projects.

## Technical Specifications

### Model Comparison

Model	Nom. Depth	Drawworks	Max. Static Hook Load
ZJ30D	3,000m	750HP	180mt
ZJ40D	4,000m	1,000HP	225mt
ZJ50D	5,000m	1,500HP	315mt
ZJ70D	7,000m	2,000HP	450mt
ZJ80D	8,000m	2,500HP	585mt
ZJ90D	9,000m	3,000HP	675mt

### Available Models

ZJ30D, ZJ40D, ZJ50D, ZJ70D, ZJ80D, ZJ90D

## Power Systems

### Power Configuration

- Pump Power: 2x597KW to 3x1,193KW
- Engine Power: 2x800HP to 5x1,600HP