

Independently Driven Land Drilling Rig

This land drilling rig features independent drive via an AC motor, while the drawworks and mud pump are driven by a diesel engine through a chain or cardan shaft. It has a hydraulic disc brake as the main brake and eddy-current brake as the auxiliary brake, and can equip with auxiliary driven system which can be used for auto bit feeding and emergency operation.



Overview

Independently Driven Land Drilling Rig Series

The Independently Driven Land Drilling Rig series is designed for heavy-duty petroleum prospecting and extraction. These rigs feature high-performance drawworks and robust hook load capacities, ensuring efficient operation across varying depth requirements. With integrated, high-capacity pumping systems, this series provides reliable performance for demanding field environments.

Performance Specifications

Performance Comparison Table

Model	Nominal Depth	Drawworks Power	Max Hook Load
ZJ30LDB	3,000m	600KW	180mt
ZJ40LDB	4,000m	745KW	225mt
ZJ50LDB	5,000m	1,100KW	315mt
ZJ70LDB	7,000m	1,490KW	450mt

Pump Power Configuration

- ZJ30LDB: 2 x 597KW
- ZJ40LDB: 2 x 969KW
- ZJ50LDB: 2 x 1,193KW
- ZJ70LDB: 3 x 1,193KW

Maximum Static Hook Load

450 mt

Max Hook Load (ZJ70LDB)