

Petroleum Prospecting Engineering Training Rig

This training rig is designed for petroleum prospecting engineering. It features a robust derrick structure, integrated platform, and support systems for hands-on training in drilling operations, including a drill string, hoisting system, and safety mechanisms.



Overview

Comprehensive Training and Drilling Solution

This Petroleum Prospecting Engineering Training Rig provides a dual-purpose solution for both hands-on vocational training and active drilling operations. The system features a fully modernized integrated classroom on the drill floor, allowing students to observe operations in a real-time, safe environment. Advanced synchronized closed-circuit projection ensures that the entire driller's operation process can be explained clearly, making it an ideal choice for technical institutions and professional training centers.

Technical Performance

Power Specifications

370 kW

Motor Power

500 HP

Power Rating 1

746 kW

Hoisting Power

1000 HP

Power Rating 2

Braking and Control System

- Hydraulic disc brake
- Dynamic brake
- AC VF control

Educational Features

Classroom Integration

On-floor classroom, Synchronized CCTV, Big screen projection, Integrated seating