

# 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