

Reciprocating Beam Pumping Unit for Oil Extraction

This unit extracts crude oil from onshore wells. Its reciprocating motion, driven by a motor and gearbox, powers a downhole pump.



Product Overview

Efficient Onshore Oil Extraction

This reciprocating beam pumping unit, commonly known as a pumpjack, is a critical component for lifting crude oil from onshore wells. It utilizes a robust motor and gearbox system to drive a downhole pump, ensuring consistent production in fields where natural pressure is insufficient. Designed for durability, the heavy-duty steel structure is engineered to withstand the most demanding operational conditions found in global oil fields.

Technical Mechanism

Drive System

- Motor driven
- Gearbox transmission

Motion Type

Reciprocating

Application

Primary Application

Onshore Extraction • Crude Oil Lifting • Artificial Lift

Construction

Structural Material

Robust Steel

Operational Context

Operational Environment

Demanding oil field conditions