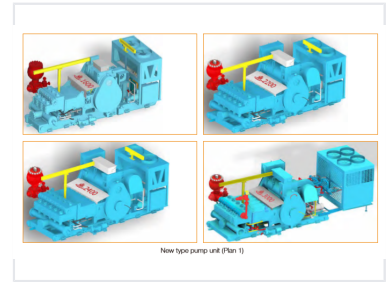


# Mud Pump Unit with Direct Drive

This mud pump unit features AC motor direct drive, slide bearings, and compressor cooling technology. It is suitable for installation in various pump houses, trailers, and offshore drilling platforms.



## ADDITIONAL IMAGES



## Product Overview

### Advanced Mud Pump Technology

These mud pump units feature AC motor direct drive technology, slide bearings, and compressor cooling for superior operational efficiency. Designed for demanding petroleum prospecting, they offer a 10-year lifespan for crossheads and slides, ensuring reduced long-term maintenance costs. The system includes a unique two-piece piston rod for easy maintenance and a comprehensive monitoring system for equipment and personnel safety.

### Key Advantages

AC Motor Direct Drive, Compressor Cooling, 10-Year Crosshead Life, Hydraulic Valve Seat Puller, Lightweight Design, Integrated Monitoring System

## Performance Specifications

### Technical Parameters by Model

Parameter	1600HP	2200HP	2400HP	3000HP
Rated Power (HP)	1600	2200	2400	3000
Max Stroke (SPM)	188	188	188	188
Max Displacement (GPM)	1127	1878	1878	1878
Max Discharge Pressure (psi)	7500	7500	7500	7500
Weight (kg)	27000	36500	37000	38000

## Technical Details

Fluid End Form	L split type cylinder
Max Liner Diameter	177.8 mm
Valve Chamber Size	API 6#
Suction Inlet Size	12 inch

## Lube System Options

	Description	Features
Plan 1	Lube system with chiller unit (recommend)	Excellent cooling effect, small footprint, and convenient transportation
Plan 2	Lube system without chiller unit	Various ways for cooling

Comparison of lube system options: Plan 1 includes a high-efficiency chiller unit, while Plan 2 provides alternative cooling solutions.

### Available Lube System Plans

- Plan 1: With chiller unit (recommended for superior cooling and compact footprint)
- Plan 2: Without chiller unit (flexible cooling options)