

Hydraulic Power Catwalk for Drill Pipe Transfer

This hydraulic power catwalk facilitates the safe transfer of drill pipes and tubulars. Its modular design is suitable for various operations, featuring one-key movement, automatic positioning, and comprehensive safety functions.



ADDITIONAL IMAGES



Overview

Hydraulic Power Catwalk for Drill Pipe Transfer

This modular hydraulic power catwalk is designed for efficient drill pipe transfer in petroleum prospecting and drilling operations. It features a stable triangular structure formed by the tubular support beam and ramp, ensuring safe and smooth operation. The system includes advanced safety features like one-key movement, automatic positioning, and emergency lowering functions, with options for both local and wireless remote control.

Key Features

Deployment Options

Trailer Mounted • Skidding Module • Cluster Well Compatible • Desert Operation Ready

Operational Capabilities

Modular Design, Wireless Remote Control, Automatic Positioning, Emergency Lowering, Safety Interlock

Technical Specifications

Technical Parameters

| Model | Unit | DLMD 45/9-T*/P* | DLMD 45/12-T*/P* | DLMD 45/14-T*/P* | DLMD 72/14-T*-D* |
|------------------------------|------|-----------------|------------------|------------------|------------------|
| Applicable Floor Height | m | ≤9 | 9-12 | 12-14 | ≤14.3 |
| | ft | ≤29.5 | 29.5-39.4 | 39.4-45.9 | ≤16.9 |
| Applicable DP Length | | R111 | R111 | R111 | 19.6m |
| Max. Safe Working Load | kg | 4,500 | 4,500 | 4,500 | ≤7,200 |
| | lb | 9,920 | 9,920 | 9,920 | ≤15,873 |
| Max. Pipe Diameter | in | 20 | 20 | 20 | 30 |
| Feeding Cycle Time | s | ≤70 | ≤80 | ≤100 | ≤100 |
| Total Power | kW | 175 | 175 | 200 | 200 |
| | HP | 234 | 234 | 268 | 268 |
| Max. System Working Pressure | MPa | 30 | 30 | 30 | 30 |
| | psi | 4,285 | 4,285 | 4,285 | 4,285 |

Notes: * - Optional; T - Trailer; P - Skidding; D - Customized.

Technical parameters comparing different models of hydraulic power catwalks, including load capacity and power requirements.

Model Comparison Table

| Specification | DLMD 45/9 | DLMD 45/12 | DLMD 45/14 | DLMD 72/14 |
|-----------------------------|-----------|------------|------------|------------|
| Applicable Floor Height (m) | d9 | 9-12 | 12-14 | d14.3 |
| Max Safe Load (kg) | 4,500 | 4,500 | 4,500 | d7,200 |
| Max Pipe Diameter (in) | 20 | 20 | 20 | 30 |
| Feeding Cycle Time (s) | d70 | d80 | d100 | d100 |
| Total Power (kW) | 175 | 175 | 200 | 200 |

Max System Working Pressure

30 MPa

Pressure

4285 psi

Pressure