

Offshore Hydraulic Piling Hammer

This offshore hydraulic piling hammer is designed for demanding marine construction projects. It utilizes a fully closed hammer body and integrated hydraulic driving system for reliable pile driving in challenging offshore environments.



Product Overview

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This high-performance offshore hydraulic piling hammer is engineered for demanding marine foundation projects, including oil and gas platforms, offshore wind power, and deep-water bridge construction. Featuring a patented pressurized fully-closed hammer body design, it ensures exceptional reliability in harsh underwater environments. With programmable striking energy and automatic frequency control, this system provides versatile and efficient pile driving for various pile specifications.

Technical Features

Core Technologies

- Patented pressurized fully-closed hammer body for deep water reliability
- High-integrated hydraulic driving system for energy efficiency
- Automatic pressure pipeline safety shut-off system
- Specialized oil drain technology to prevent environmental leakage
- Advanced numerical control for striking energy and frequency monitoring
- Automatic malfunction diagnosis and system monitoring interface

Performance Metrics

60 kJ

Minimum Rated Energy

Operational Capabilities

Piling Methods

Guiding Pile • Free Lifting Pile

Main Applications

Offshore Oil & Gas Platforms, Offshore Wind Power Foundations, Deep Water Infrastructure, Bridge Support Construction, Steel Tube Piling, Concrete Pile Installation