

180 kJ Offshore Hydraulic Pile Hammer

This offshore hydraulic pile hammer features a fully closed hammer housing and a superimposable ram for varied energy output. Its integrated hydraulic system and program control allow for adjustable striking energy within the nominal range.



Product Overview

High-Performance Offshore Hydraulic Pile Hammer

This 180 kJ offshore hydraulic pile hammer is engineered for demanding marine construction, including wind power station installations. It features a fully closed housing and an innovative superimposable ram design that allows for adaptable energy settings to match specific soil conditions. With an integrated hydraulic system, automated pressure monitoring, and advanced oil drainage technology, this unit ensures high reliability, reduced environmental impact, and exceptional efficiency for heavy-duty piling operations.

Key Features

Core Technologies

- Fully closed hammer housing (patent technology)
- Superimposable ram for variable impact energy
- High integrated hydraulic driving system
- Automatic plugging technology for high-pressure pipeline efficiency
- Oil draining technology for leakage and pollution prevention
- Program-controlled energy settings within the nominal range
- Real-time sensor monitoring of pressure, temperature, and location
- Supports both guided and free-hanging piling operations

Technical Specifications

Series Model Comparison

Type	Series
YC-60	05 series
YC-80	05 series
YC-110	Not specified
YC-120	Not specified
YC-165	Not specified
YC-180	Not specified
YC-210	Not specified
YC-255	Not specified
YC-290	Not specified

Performance

Maximum Impact Energy

180 kJ

Rated Impact Energy

Applications

Typical Applications

Offshore Wind Power, Marine Construction, Heavy-duty Piling, Foundation Installation