

Hydraulic Pile Driving Hammer

These hydraulic hammers drive piles into the ground for construction and foundation applications. They use hydraulic pressure to generate force, providing efficiency and precision in diverse soil conditions.



Product Overview

High-Performance Hydraulic Pile Driving Hammer

This advanced hydraulic pile driving hammer is designed for high reliability in demanding environments, including deep-water operations. Featuring patented combined ram technology, it offers users flexible ram weight configurations to optimize performance based on specific foundation conditions and pile types. Its integrated hydraulic system promotes high efficiency and energy savings while minimizing environmental impact. Equipped with sophisticated monitoring technology, the system enables automatic control of striking energy and frequency, ensuring precise operation and easy diagnostics for various infrastructure projects.

Key Features

Suitable for

- Prefabricated concrete piles
- Steel tube piles
- Steel plate piles
- High-rise building foundations
- Seaport and dam construction

Core Technologies

Pressurized Closed Body, Combined Ram Technology, Automatic Pressure Monitoring, Remote Malfunction Diagnosis, Numerical Control Interface

Operating Performance

Performance Capabilities

60 kJ

Minimum Striking Energy

Operational Advantages

- Adjustable striking energy and frequency
- Automatic oil leakage prevention
- Pipeline oil drain technology
- Noise and smoke reduction compared to diesel hammers

Series Overview

Available Series

05 Series • 10 Series • 20 Series • 20A Series • 30 Series • 40 Series • 40A Series