

DZJ240 Large Electric Vibratory Hammer



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Description

This electric vibratory hammer, also called automatic hammer, vibratory hammer, electric driver and electric hammer, adopts the resonance theory as its design principle. The hammer, with electrical machine as kernel component, mainly consists of three parts-hammerhead, clamp, and control box. And it is provided with energy by dynamo. Such pile engine shares popular applications in building inhabitation, undergrounds, motorways and a variety of foundation treatment construction.

Features

1. This kind of electric vibratory hammer is remarkable for its large exciting force, high vibrating frequency and powerful penetration through soil.
2. The pile engine is equipped with weights which can strengthen pile driving. The great storage of energy in coil spring contributes in improving the efficiency of pile driving. And a good damping effect can be achieved and the pile frame will be well protected in pile pulling.

Usage

When used in the pile frames, this kind of vibrating hammer can drive cast-in-place concrete piles, lime piles, and sand piles. While if equipped with clamp, this pile engine works very well to drive and pull steel casing piles, steel sheet piles, joist piles and concrete precast piles.

Application

1. Pre-made Concrete Pile

With custom designed concrete clamp, vibratory hammer can be used for various types of pre-made concrete piles, cast-in-place concrete pile, concrete expanded bore pile ,lime

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pile ,stone column pile.

2. Cofferdam

The vibratory hammer use to drive sheet pile to build the coffer wall. It is high efficiency to drive and pull sheet piles.

3. Trestle Work and Offshore Working Platform

Drive sheet pile or casing pile to build working passage and platform before build bridge, dork, port etc. It is east to build and easy to remove.

4. Wind Mill Single Pile and Group Pile

It is efficient to use vibratory hammer drive casing pile into the sea , environment friendly and easy to adjust.

Parameters

DZJ-240 Large Electric Vibratory Hammer	
Motor Power(KW):	240
Eccentric Moment (Nm):	1804
Frequency (r/min):	0-960
Centrifugal Force (kN):	0-1822
Max Line Pull (kN):	588
Amplitude (mm):	0-12.2
Size (mm):	2000*1900*3500
Without Clamp (kg):	14500
Double Clamp(kg):	Scope(800—3000mm)/3820kg
Min Crane Capacity(T):	130

Notice

Centrifugal force, amplitude and eccentric moment of medium vibration hammer should be taken into account, for they can reflect the strength of the electric hammer. In addition, please do pay attention to different hammers' requirements for corollary equipment.

Payment

30% deposit payment should be paid after assigning the contract. Full payment should be paid before delivery.

Packaging

The hammer and clamp can be packaged with thin film, and the control cabinet and components can be packed with wooden box (depending on clients' requirements).

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Since its foundation in 1986, Yong'an Co., Ltd has become an experienced company in manufacturing vibratory hammer series products. Electric vibratory hammer, hydraulic impact hammer, hydraulic vibratory hammer and excavator mounted vibratory hammer are its main products. During these 27 years, we have taken lots of measures to make our products environmentally friendly and powerful. In addition, we also take cost, technology, customer service into consideration. For detail information, please refer to the website.

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