



DZJ400 Large Electric Vibratory Hammer

Description

Large electric vibratory hammer takes resonance theory as its design principle and gains power from dynamo. It is mainly made up of hammer, clamp and control box. The hammer has recently become an ideal pile driver for foundation works and ground treatments, for example, residency, workshops, metros, motorways, docks, airports and power stations. The pile driver has won certificate of ISO9001.

Features

1. The electric vibratory hammer is characterized by great exciting force, high vibrating frequency and strong penetration to hard soil.
2. This pile driver works well owing to the equipment of a heavy. When driving piles, the larger storage of coil spring will improve the efficiency of pile driving. And when pulling piles, a better damping effect helps to protect pile frame soundly.

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 pile ,stone column pile.

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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-400 Large Electric Vibratory Hammer	
Motor Power (Kw):	400
Eccentric Moment (Nm):	3180
Frequency (r/min):	0-960
Centrifugal Force (Kn):	0-3250
Max Line Pull (Kn):	850
Amplitude (mm):	0-12.3
Size (mm):	2300*1750*3900
Without Clamp (kg):	22000
Single Clamp (kg):	15000
Min Crane Capacity (T):	200

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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Found in 1986, Shanghai Yong'an Machinery Co., Ltd. (Shanghai Yong'an Co, Ltd.) is a professional maker of electric vibratory hammers (e.g. large vibrating hammer) in China. And with 27 years experience in the manufacturing, selling and utilizing electric vibratory hammers, we are capable of providing all-round service for every customer. In addition, we are constantly committed to technology innovation and development of products. Various new series electric vibrating hammers (such as DZJ-400, DZJ-480 and DZJ-600 tandem electric vibratory hammer) are available to meet different needs of working conditions.

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