



DZJ-120 Medium Electric Vibratory Hammer

Description

The medium electric vibratory hammers are designed based on resonance theory. They are made up of hammer, clamps and power control boxes. The electric motors provide energy for them and the motors work as key components. These hammers are in very popular use in dwelling houses, workshops, metros, highway, and power stations and so on.

Features

1. Powerful centrifugal force and high frequency are the noticeable features of medium electric vibratory hammer.
2. It can work well to penetrate soil of hard layer.
3. This pile driver is equipped with a heavy on the damper. As the larger storage of energy in the spring, the use of this hammer will greatly improve pile driving efficiency. And the good damping effect helps to well protect the frame.

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 driver 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-120 Medium Electric Vibratory Hammer	
Motor Power (kw):	120
Eccentric Moment (Nm):	750
Frequency (rpm):	0-1000
Centrifugal Force (kN):	0-823
Max Line Pull (kN):	392
Amplitude (mm):	0-7.45
Size (mm):	2100*1400*2600
Without Clamp(kg):	7000
Single clamp(kg):	1500
Min crane capacity (t):	70

Notice

Centrifugal force, amplitude and eccentric moment of medium electric vibratory 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

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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).

As a leading vibratory hammer maker, Yong'an has always done its best to pursue progress. The company manufactures many types of vibratory hammer including electric vibratory hammer, hydraulic impact hammer and so on. Recently, the company is positive to develop new products. And we also set up manufacturing basis in Fujian Province which is very large. We always bear market-oriented idea into mind during our researching, manufacturing and selling. You are welcomed to pay a visit to the website or contact us at your own will.

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