



## DZJ180 Medium Electric Vibratory Hammer

### Description

Medium electric vibratory hammer is designed with the employment of resonance theory, to which electric motor offers energy. With electrical machine as its key component, this pile driver is composed of hammer, clamp and power control box. And such vibratory hammer is of high quality which can be testified by its certificate of ISO9001. Thus it is widely suitable for various foundation treatment constructions like dwelling houses, workshops, highway, airport and so many so forth.

### 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

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#### Yong'an Machinery Co., LTD.

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pre-made concrete piles, cast-in-place concrete pile, concrete expanded bore pile ,lime 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-180 Medium Electric Vibratory Hammer	
Motor Power (kw):	180
Eccentric Moment (Nm):	1240
Frequency (r/min):	0-1000
Centrifugal Force (kN):	0-1390
Max Line Pull (kN):	530
Amplitude (mm):	0-17.4
Size (mm):	2250*1550*3300
Without Clamp (kg):	11000
Double clamp (kg):	Scope (600-2500mm)/3700kg
Min crane capacity (t):	100

## 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.

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**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).

Throughout these 27 years, Yong'an has been enriching and renewing its products. At present, the company manufactures vibration hammers of various kinds and their accessories. At the same time, we always attempt to improve the quality of each item of our entire products. Through lots of efforts, we've got certified by UC and ISO9001. Please visit our website for more information.

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