



## DZ90 Small Electric Vibratory Hammer

### Description

The small 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.

### 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 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

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and easy to adjust.

### Features

1. Yong'an electric vibratory hammer is characterized by strong exciting force, and high electric vibratory frequency.
2. This automatic pile driver is capable of penetrating hard soil with no difficulty.
3. With a heavy armed on the damper, this hammer can drive piles very powerfully. In addition, the large storage of energy in the spring contributes to improving the efficiency of pile driving. And the good damping effect may protect pile frames as well in pulling piles.

### Parameters

DZ-90 Small Electric Vibratory Hammer	
Motor Power(KW):	90
Eccentric Moment (Nm):	573
Frequency (rpm):	0-960
Centrifugal Force (kN):	579
Max Line Pull (kN):	254
Amplitude (mm):	0-6.6
Size (mm):	1850*1300*2500
Without Clamp (kg):	5700
Single Clamp (kg):	1100
Min Crane Capacity (T):	50

### Attention

Clients should pay more attention to the centrifugal force, amplitude and eccentric moment. These parameters can tell the strength of an electric vibrating hammer. Meanwhile, different types of electric vibratory hammers have different requirements on corollary equipments (such as the power of motor and the tonnage of crane).

### 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

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components can be packed with wooden box (depending on clients' requirements).

Yong'an Co., Ltd integrates developing, designing and manufacturing of vibrating hammer series products. For the past 27 years, we have made great progress. In order to fully meet the need of the market, the company spares no efforts to researching, and developing. In addition, we also manage to improve the quality of our products by way of importing foreign brands and establishing strict supervising system. Thus we have obtained certificate from UC and ISO9001 Quality Management System. We are open to any client who wants to know more about our products (e.g. small electric vibratory hammer).

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