



X90 Small Electric Vibratory Hammer

Description

Yong'an X90 small electric vibratory hammer, like other models of hammers, is also designed on the basis of resonance theory. It is a pile hammer that obtains energy from electric motor and takes electrical machine as its core part. Such vibratory hammer is composed of hammer, clamp and power control box. Nowadays, this type of hammer is popularly employed to build dwelling houses, workshops, metros, highway, wharves, airports and power stations.

Features

1. Such electric vibratory hammer is characteristic of strong centrifugal force.,
2. It vibrates much more frequently.
3. The pile driver penetrates through hard soil powerfully.
4. With a heavy installed on the damper, this hammer is able to drive piles heavily. Since spring stores larger energy, the efficiency of pile driving can be improved greatly. And the frame will be safely protected by a good damping effect.

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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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

X-90 Small Electric Vibratory Hammer	
Motor Power(KW):	90
Eccentric Moment (Nm):	280/498
Frequency (r/min):	0-1300/1100
Centrifugal Force (kN):	0-519/660
Max Line Pull (kN):	254
Amplitude (mm):	0-5.0/5.7
Size (mm):	1800*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.

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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).

With 27years manufacturing history, Yong'an Co., Ltd has always strove to manufacture products that satisfy our products and can help the company win more popularity. We are committed to provide our clients with quality electric vibratory hammer for good. To achieve this, we adopt innovative technology and management. Products of this company are sold to many regions and countries, like Taiwan, South Korea and so forth. We are and will be persistent in developing new and versatile hammers all the time. We warmly welcome any one to visit the website or contact us directly.

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