



Excavator long reach Vibrating Pile Driving Arm For Construction Piling Solutions

Our Product Introduction

for more products please visit us on excavatorlongarm.com

Basic Information

- Place of Origin: China
- Brand Name: Zhonghe Machinery
- Certification: CE, patent, ISO
- Model Number: CLB0024
- Minimum Order Quantity: 1 set / piece
- Price: USD \$6000- \$34000/sets
- Packaging Details: bubble / wooden cases
- Delivery Time: 20-30/works
- Payment Terms: T/T, L/C
- Supply Ability: 800 sets



Product Specification

- Material: Q355B, Q690D, Or Others As You Request
- Length: 11-25m
- Apply To: 20-85ton Excavator
- Warranty: 6 Months
- Working Condition: Demolate Buildings
- Condition: New
- Color: As Customer Requires
- Application: Mining / Construction,mining,building Demolition And Sepcial Engineering,rock,for Excavators
- Type: High Reach Demolition Boom
- Certification: ISO9001,ISO CE
- Oem: Available
- After-sales Service Provided: Online Support,Video Technical Support
- Technique: Advanced Techniques



More Images



Product Description

Excavator driven pile system Vibrating pile driving arm Pile Hammer for Excavators Piling Solutions

Product Description-----Excavator Pile driving Boom Arm

What is an excavator piling arm?

An Excavator Pile Driving Arm is a robust attachment that allows excavators to effectively drive piles for foundational support. This tool is engineered to operate in challenging environments, ensuring accurate placement of piles.

Advantages of excavator piling arm:

1. The upper and lower plates of the piling arm have increased thickness and are reinforced internally, which enhances their durability. Stress points are treated with segmented thickened plates, significantly improving the arm's lifespan.
2. The arm's opening angles can reach up to 160 degrees with the main arm and 88 degrees at the base, which optimizes both drilling force and efficiency during operations.
3. The piling arm is constructed using a welding and drilling technique that ensures precision, extending its service life to match original specifications.

Some common size references

Excavator (ton)	Total Length (mm)	Boom (mm)	Arm(mm)	Pilling Height (mm)	Counterweigh t (ton)
30-36	13800	10000	3800	15400	3T
30-36	15000	10500	4500	17100	5T
40-45	15800	11000	4800	17900	3T
40-45	16800	11500	5300	18500	5T-6T
45-50	19000	12500	6500	21000	6T-7T

Product Detail Display

Telescopic Boom Arm Engineering Case

The pile driving arm is suitable for the following working conditions:

Foundation Installation: Perfect for deep foundations for various constructions like skyscrapers and bridges.

Soil Versatility: Handles different soil conditions, including hard rock and soft clay, effectively.

Urban Construction: Fits well in tight spaces typical of urban settings, allowing for efficient operation.

Marine Projects: Can operate in wetland areas and alongside water bodies, ideal for environmental projects.

Seismic Stability: Ensures strong foundations in areas susceptible to earthquakes, enhancing structural safety.

Temporary and Permanent Uses: Effective for both temporary and permanent foundation installations.

Heavy Loads: Supports projects requiring significant load-bearing capabilities, like industrial facilities.

Underground Works: Useful for foundations in tunnel constructions where traditional methods are impractical.

Minimal Environmental Impact: Designed to reduce disruption in eco-sensitive locations.

Collaboration with Heavy Machinery: Complements other equipment, improving overall operational efficiency.

About Hydraulic Vibratory Pile Driving Hammer

1. Some engineering applications:

Municipal sewage pipeline laying, land reclamation, bridge cofferdam, building foundation, high-speed rail foundation treatment, highway soft foundation treatment, wharf engineering, deep foundation pit support, etc.

2. The hydraulic vibratory hammer consists of four main components:

arm assembly, frame assembly, shell assembly, clamp assembly.

Mainly used for piling, such as driving reinforced concrete piles and steel plate U-shaped piles into the ground to reinforce the foundation, and then support the structure or fix the building.

Related Product Recommendation

excavator long reach boom sliding boom/telescopic boom

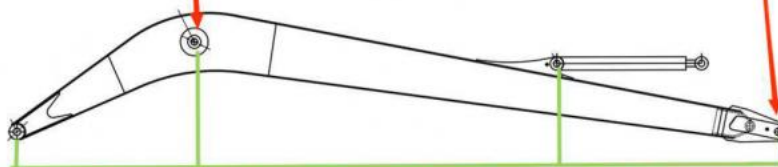
two-section telescopic boom two-section demolition boom

High precision machine of Zhonghe Machinery Manufacturers

Double-sided boring lathe



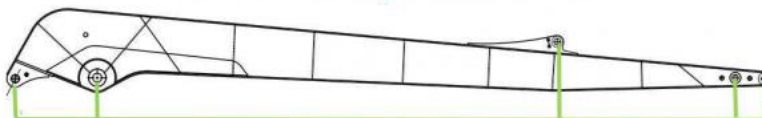
After the excavator boom and arm are assembled, the pins on the boom are drilled to ensure that the pins on the boom are parallel to each other and the cross section of the pin hole is perpendicular to the pin. The double-sided boring machine of the boom makes the hole position more accurate and the quality higher.



Make sure the cross section of the pin hole is perpendicular to the shaft.



Make sure the axis is parallel to the axis



Make sure the cross section of the pin hole is perpendicular to the shaft



Make sure the axis is parallel to the axis

Large Floor-Standing Double-Sided Boring and Milling Lathe:

Improved Accuracy and Consistency: The double-sided boring and milling lathe enhances the precision and uniformity of operations, ensuring consistent results.

Post-Welding Processing: After the welding process, the machine performs overall boring, ensuring the parallelism and perpendicularity of shaft holes.

Primary Applications: Primarily used for post-weld boring of the boom, small arm, and bucket, ensuring the accuracy and

proper alignment of the boom.

Simultaneous Boring on Both Sides: The lathe performs boring on both sides at the same time, guaranteeing identical precision and consistency on both sides.

About Zhonghe Machinery Company Profile:



Kaiping Zhonghe Machinery Manufacturing Co., Ltd.

Kaiping Zhonghe Machinery Manufacturing Co., Ltd., established in 2018, focuses on both production and trade. We specialize in creating custom excavator attachments like demolition arms and telescopic arms, with our products reaching over 60 countries.

Our advantages are:

A vast area of approximately 18,000 square meters.

A dedicated staff of 120 individuals.

Advanced machinery, including CNC cutting and milling machines.

A complete custom production line.

Quick delivery times of 7 to 25 days.

An output of 600 sets of excavator booms annually. We adhere to "Quality, Integrity, and Customer Satisfaction," inviting partners for collaboration.

CE certification & Utility model patent certificates



Our products have been exported to over 60 countries, utilizing various transportation methods such as sea, land, and air freight. For packaging, we use either wooden crates or stretch film to secure the products. Before shipment, the goods are carefully packaged and then loaded into containers to ensure their safety during transit.

Packaging & Shipping



FAQ(Some frequently asked questions):

Q: Are you a manufacturer?

A: Zhonghe machinery offered a wide range of attachment parts for excavators and dozers. Such as long reach arm, demolition arm, telescopic arm, standard bucket, rock bucket, cleaning bucket, tilting bucket, etc. We know that the perfect combination of high-quality cast steel products and a moderate price is the key to the success.

Q: What material is the excavator demolition boom made of?

A: Shaogang Q355B, Shaogang's material has the advantages of good toughness, high welding performance, and not easy to crack. Q355B has good welding performance and can be processed at room temperature. The standard arm material of the host manufacturer is also Q355B, which is easier to purchase on the market and the subsequent maintenance cost is also simple. If the customer's working conditions are bad, we will also use Q690 material, the long arm will be made lighter and more efficient

Q: Why choose Zhonghe over other companies?

A: We offer a highly skilled production and design team that delivers high-quality, customized solutions tailored to each customer's needs. Our commitment to precision and customer service has earned us a strong reputation in China, with annual sales consistently ranking among the top in the industry.

Q: What are your terms of payment?

A: We prefer T/T (50/50) payment terms, and for trial orders, we recommend using **Ali Credit Insurance** for added security.

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