OEM Custom Long Reach Telescopic Arm For 20-50ton Hydraulic Excavator

Our Product Introduction

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 $10000-$34285/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
- Apply To: 20-50ton Excavator
- Warranty: 6 Months
- Product Name: Excavator Telescopic Boom
- Condition: New
- Color: As Customer Requires
- Application: Excavator
- Weight: 2700-9000KGS
- Certification: ISO9001,ISO CE
- Oem: Available
- After-sales Service Provided: Online Support,Video Technical Support
- Technique: Advanced Techniques
- Oem/odm: Acceptable
- Capacity: 0.6-2.5 Cbm

More Images

Our Product Introduction

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Product Description

Customer-Favorite Telescopic Excavator Arms Discounted Telescopic Boom for Sale Telescopic Boom

Product Description-------Excavator Telescopic Boom

What is an excavator telescopic arm?

The telescopic arm of an excavator is a flexible tool that increases its operational scope. By extending and retracting, it allows for effective digging, lifting, and other tasks across various construction and demolition applications.

What are your advantages?

Advantages of telescopic arms:

1. Our telescopic boom consists of three sections crafted from BS900E and Q355B, balancing lightness and durability.

2. It features a solid 6mm thickness for added strength.
The use of nylon sliders and steel pulleys, along with centralized lubrication, enhances performance.

3. An external hose pulley on the bucket cylinder makes hose repairs and replacements simpler.

4. The design effectively separates hoses from the main rope, reducing friction and wear.

5. With a dual-rope mechanism, the arm will not extend if the primary rope breaks, ensuring safety.

Some common size references

Excavator (ton)	Max Depth (mm)	Effective Length (mm)	Bucket Capacity (cbm)
6-10	10000	7600	0.2-0.3
11-15	14000	10500	0.4-0.6
20-30	16000	12500	0.8-1.5
30-35	20000	15500	1.3-1.66
30-35	25000	20500	1-1.4
40-45	25000	20500	1.8-2.5
40-45	30000	25100	1.4-2

Three Section Telescopic Arm Configuration

1. **A set of telescopic arm**
2. **Two high-pressure hoses**
3. **Two pins**
4. **One clamshell bucket**
5. **One two-way foot switch**

Some installation instructions for telescopic arms

Our designs allow for interchangeable use of **digging buckets and grab buckets**.
The first one is **clamshell bucket** ,usually use for Subway deep digging project .
The second one is the **grab bucket** , compare to the clamshell bucket , the grab bucket have power ,can grab the stone.
The last is the **standard bucket** , use for telescopic boom the bucket need do the special design .

Product Detail Display

Telescopic Boom Arm Engineering Case


Cleaning and dredging Telescopic arm test Bridge construction projects Deep pit work


For Deep foundation pit construction project For unloading materials For Large-scale earthworks

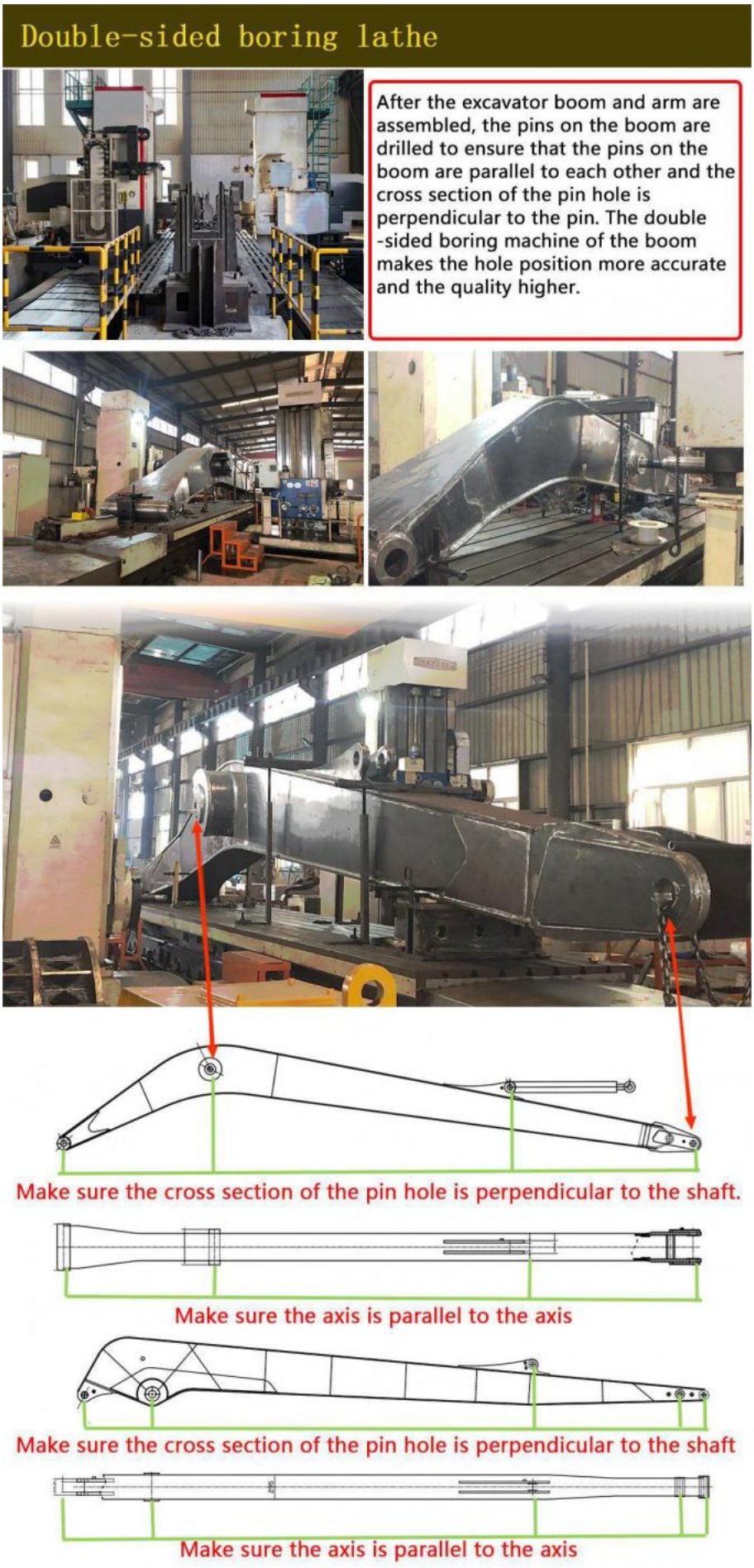
The telescopic arm of the excavator is suitable for the following working conditions:

Construction in Limited Areas: The telescopic arm is perfect for construction tasks in areas with limited space to maneuver.
Deep Digging Projects: It excels in deep digging projects, such as basements and underground utilities.
Demolition in Urban Settings: The arm allows for efficient demolition in densely populated areas without excessive repositioning.
Tight Quarters Excavation: It is well-suited for excavation in tight quarters where traditional arms may struggle.
Utility Installation: The telescopic arm can reach areas that are challenging to access for utility installation.
Repair Work on Elevated Structures: It is effective for maintenance and repair work on elevated structures like bridges.
Heavy Lifting Tasks: The arm's reach allows it to lift heavy materials in areas that are difficult to access.
Environmental Restoration: It can be used in environmental restoration projects where precise digging is necessary in confined spaces.

What is the purpose of beveling the long boom arm plate?

Most welding machines commonly used in the industry have a penetration depth of only 3mm. Since the thickness of our long arm plate is at least 8mm, without beveling, the welder would not be able to fully penetrate through the entire joint. This would result in weak welds, leading to issues such as weld cracking in the future.
We employ mechanical beveling, whereas other factories rely on manual beveling (as shown in the figure).

High precision machine of Zhonghe Machinery Manufacturers



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.

Since its inception in 2018, Kaiping Zhonghe Machinery Co., Ltd. has specialized in manufacturing customized excavator booms and accessories. Our location in Kaiping City, Guangdong, boasts a 21,000 m³ steel workshop with a wealth of high-precision equipment. We have a strong team of over 100 experienced technicians and 50 welders, complemented by 30 senior designers. Our R&D team, with more than 10 years of experience and over 100 patents, ensures we adhere to strict quality controls, producing up to 800 units annually.

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: We are a manufacturer/supplier of excavator arms and attachments. We have a super large factory. The factory area is several times that of our competitors. It is the largest excavator attachment factory in Guangdong Province. It has complete production equipment and its products have been exported to more than 60 countries around the world.

Q: Why does the telescopic arm have the difference between a shell bucket and a grab bucket?

A: Generally, shell buckets are easy to use for silt and sand, and can dig a large volume with higher efficiency. However, in general sand and stone work, shell buckets have no digging force and are limited by the opening, so the efficiency of shell buckets will be reduced. Grab buckets are more suitable for this kind of work. However, due to the overall weight of the grab bucket, the volume of the grab bucket is generally smaller than that of the shell bucket, but in work with more stones, the advantages of grab buckets are more obvious.

Q:Is it better to use a single cylinder or a double cylinder for the shell bucket equipped with a telescopic arm?

A:We always use the double cylinder design and never use the single cylinder design. It has the advantages of low failure rate, convenient maintenance, and less oil leakage. What are the disadvantages of the double cylinder? The first is that the shell bucket with a double cylinder is heavier, and the synchronization of grabbing is worse. The overall weight of a single cylinder is lower, and the synchronization is better, the grabbing efficiency is higher, but the failure rate is higher.

Q:What is the material of the telescopic arm?

A: The arm tube is made of BS900E, and other parts are made of Q3558, which is lighter and more durable. We use a thickness of 6mm.

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