Adjustable Excavator Hydraulic Telescopic Arm Digger Telescipic Boom BS900E Q355B

Our Product Introduction

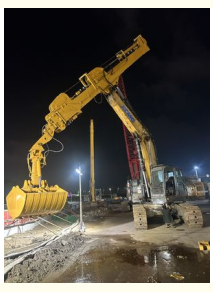
Basic Information

- 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



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Our Product Introduction

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Product Description

Adjustable Excavator Boom Hydraulic Telescopic Boom Arm Telescopic Excavator Boom for Sale

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

What is an excavator telescopic arm?

An excavator telescopic arm is a specialized attachment that allows an excavator to extend its reach. It features multiple sections that can slide, enabling the machine to access hard-to-reach areas and perform tasks at various heights and depths.

What are your advantages?

Advantages of telescopic arms:

1. Constructed from BS900E and Q355B, the three-section telescopic boom is both lightweight and strong.

2. We ensure durability with a wall thickness of 6mm.
Sliders made of nylon and steel pulleys facilitate smooth operation, with centralized lubrication for all hoses.

3. An external hose pulley on the bucket cylinder allows for easier replacement and servicing of hoses.

4. The separation of hoses from the main rope through an external pulley reduces friction and potential damage.

5. The arm's safety is enhanced by a dual-rope configuration, preventing extension if the main rope breaks.

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

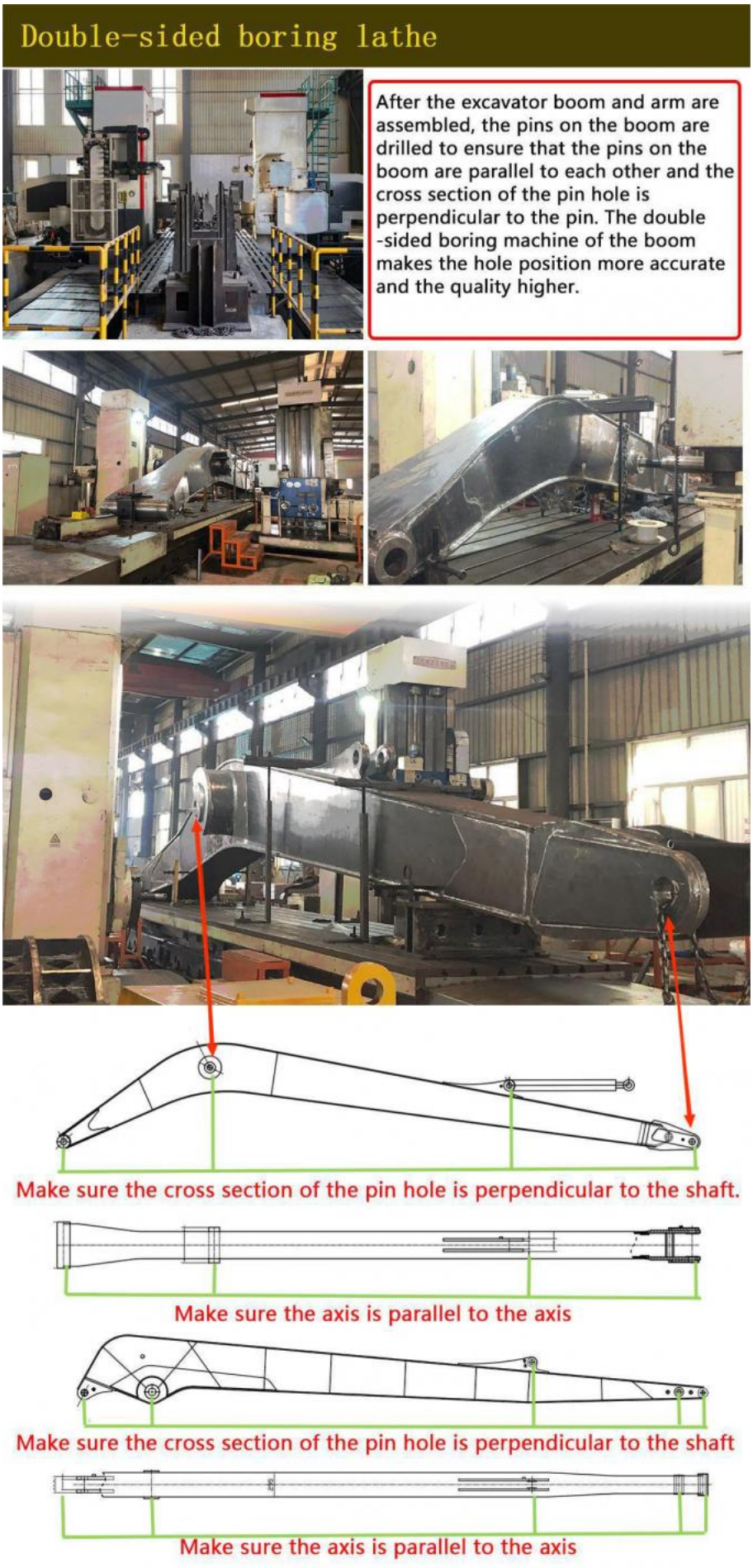
The telescopic arm of the excavator is suitable for the following working conditions:

Narrow space operation: In urban construction or underground projects, the telescopic arm can operate in a limited space efficiently.
Deep foundation pit construction: The telescopic arm can provide a greater working depth and is suitable for construction environments such as foundation pits and basements.
Heavy weapons: Suitable for weapons that require high power and can be equipped with heavier breakers.
Complexity: In the case of no foundation or complexity, the telescopic arm can be flexibly extended and extended to improve the stability of the operation.
Multi-angle excavation: Suitable for scenarios that require multi-angle excavation, such as pipeline installation or tunnel excavation.
Large-scale earthwork: In earthwork construction, it can quickly adapt to different excavation depth and width requirements.
Water conservancy projects: In river dredging or reservoir construction, the telescopic arm can adapt to variable water levels and operating conditions.

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.

1. Company History: Kaiping Zhonghe Machinery Co., Ltd. was established in 2018.
2. Industry Focus: We specialize in the customization of excavator booms and accessories through manufacturing and trading.
3. Geographic Location: Our operations are based in Cuishan Lake New District, Kaiping City, Jiangmen, Guangdong Province, China.
4. Facility Size: We maintain a 21,000 m³ steel structure workshop for production purposes.
5. Machinery Availability: Our workshop is equipped with high-precision processing equipment.
6. Team Structure: Our team includes over 100 experienced technicians, consisting of:
50 welders with extensive backgrounds (7+ years).
30 senior designers.
7. R&D Expertise: Our R&D team has over 10 years of experience and holds more than 100 technical patents.
8. Production System: We operate under a stringent production system that has been refined over 6 years, focusing on quality
9. and cost management.
9. Annual Production Capacity: We are capable of producing up to 800 sets of various excavator booms every year.
10. Customer Focus: We emphasize quality and customer satisfaction, fostering cooperation with clients worldwide.

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.

Any information, pls contact Sophia!
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