



## Q355B Telescopic Dipper Arm Attachments For Heavy Machinery Construction Sites

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 \$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



## Product Description

### Affordable telescopic boom attachments for heavy machinery Durable telescopic boom solutions for construction sites

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

##### What is an excavator telescopic arm?

An excavator telescopic arm is a versatile attachment that provides extra length to the boom. This adaptability enables operators to navigate complex job sites and perform tasks that would otherwise require repositioning the entire excavator.

##### What are your advantages?

###### Advantages of telescopic arms:

1. The three-section telescopic boom is made from lightweight yet durable BS900E and Q355B materials.
2. A robust thickness of 6mm enhances its overall durability. It includes nylon sliders and steel pulleys, with centrally lubricated hoses for efficient operation.
3. The external pulley on the bucket cylinder allows for easy hose maintenance and replacement.
4. This design separates hoses from the main rope to minimize friction and maintenance needs.
5. Featuring a double-rope system, the arm remains secure even if the main rope experiences failure.

#### 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:**

**Limited Area Construction:** The telescopic boom is ideal for construction tasks in areas with limited space.

**Deep Excavation Projects:** It excels in deep excavation projects, such as basements and underground utilities.

**Demolition in Urban Environments:** The boom allows for efficient demolition in densely populated areas without much repositioning.

**Tight Space Excavation:** It is ideal for excavating in tight spaces that may be difficult to access with a conventional boom.

**Utility Installation:** The telescopic boom can reach areas where it is difficult to access utility installations.

**Repair Work on Elevated Structures:** It is very effective for maintenance and repair work on elevated structures, such as bridges.

**Heavy Lifting Tasks:** The extension of the boom enables it to lift heavy materials in hard-to-access areas.

**Environmental Restoration:** It can be used for environmental restoration projects that require precise excavation in tight 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).

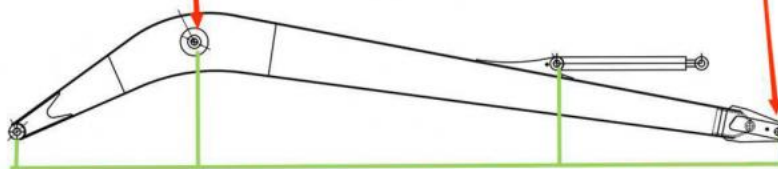
### High precision machine of Zhonghe Machinery Manufacturers



## Double-sided boring lathe



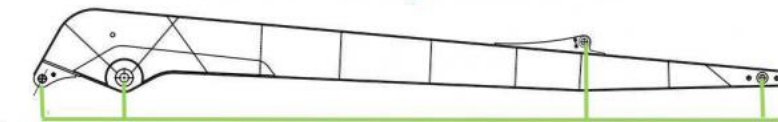
After the excavator boom and arm are assembled, the pins on the boom are drilled to ensure that the pins on the boom are parallel to each other and the cross section of the pin hole is perpendicular to the pin. The double-sided boring machine of the boom makes the hole position more accurate and the 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 Co., Ltd. was established in 2018 and is dedicated to the manufacturing and trading of tailored excavator booms and attachments. Located in the Cuishan Lake area of Jiangmen City, we operate a 21,000 m<sup>3</sup> steel structure workshop equipped with advanced processing technology. Our experienced workforce includes over 100 technicians, 50 skilled welders, and 30 senior designers. With a high-tech R&D division that holds more than 100 patents, we maintain rigorous quality standards, producing around 800 sets each year.

## 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!

this is my contact way directly

Sophia W/A: +86 18127591702

Mail: [sophia@excavatorboomarm.com](mailto:sophia@excavatorboomarm.com)



**Jiangmen Kaiping Zhonghe Machinery Manufacturing Co., Ltd**



+86 13822325403



[aria@excavatorboomarm.com](mailto:aria@excavatorboomarm.com)



[excavatorlongarm.com](http://excavatorlongarm.com)

9 Huancui West Road, Cuishanhu New Area, Kaiping City, Guangdong Province, China