



## 28M 30M 32M Excavator Telescopic Arm For Telescopic Excavator

Our Product Introduction

for more products please visit us on [excavatorlongarm.com](http://excavatorlongarm.com)

### Basic Information

- Place of Origin: Guangdong Province, China
- Brand Name: Kaiping Zhonghe Machinery Manufacturing Co. Ltd
- Certification: CE, patent, ISO
- Model Number: Telescopic Excavator 0041
- Minimum Order Quantity: 1 set / piece
- Price: USD 199.00-USD10999.00
- Packaging Details: bubble / wooden cases
- Delivery Time: 5-25/works
- Payment Terms: T/T, L/C or others as you request
- Supply Ability: 7 sets per week



### Product Specification

- Material: BS900E, Lighter And Stronger
- Suitable Excavators: 20ton - 120ton
- Color: Red, Yellow, Blue White Customized
- Digging Depth(m): 18m 20m 25m 30m 32m
- Wire Rope: Mutiple - Round Wire Rope
- Design: High Efficiency
- Key Word: Telescopic Excavator
- Maintenance: Easy Maintenance
- Highlight: **32M Excavator Telescopic Arm,  
28M Excavator Telescopic Arm,  
30M Excavator Telescopic Arm**



### More Images



## Product Description

### Telescopic Dipper Arm with Clamshell Bucket / Grapple 25m 28m 30m 32m

#### Introduction of one set of Kaiping Zhonghe Machinery's excavator telescopic boom arm:

The Kaiping Zhonghe Machinery's excavator telescopic boom arm represents a remarkable achievement in engineering design, seamlessly blending functionality with innovation. Excavator telescopic arm is engineered to enhance the versatility and reach of excavators, allowing for efficient operation in a variety of challenging environments. With its robust construction and lightweight materials, the design of excavator telescopic arm minimizes wear while maximizing performance. The telescopic feature enables operators to adjust the arm length easily, providing enhanced maneuverability and precision in tasks such as digging, lifting, and material handling. Excavator telescopic arm boom exemplifies Kaiping Zhonghe's commitment to quality and excellence in machinery design, ensuring that users achieve optimal productivity and operational efficiency.

#### Suitable working environment of excavator telescopic boom arm:

\* **Construction Sites:** Ideal for urban construction projects where space is limited, allowing for precise digging and lifting in confined areas.



#### Specifications of one set of excavator telescopic arm:

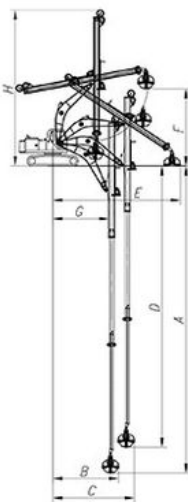
**One set of telescopic boom arm with clamshell bucket include:** one telescopic arm, one clamshell bucket, pins, high pressure hose.

Digging Depth(m)	Excavator Model(ton)	Bucket Capacity of Clamshell Bucket(cbm)	Counterweight(ton)
10	10-15T	0.2	0.6T
12		0.2	1T
12	20-25T	0.6	0
14		0.4	0
16		0.4	0
18		0.4	2
20	26-28	0.6	3
20-22m	30-33T	1.5cbm	0
	35-38T		3T
	35-38T		0
25m	35-38T	2.2cbm	6T
	40-50T		0
	36-50T	1.5cbm	5T
		1.5cbm	
		2cbm	
		2cbm	6T



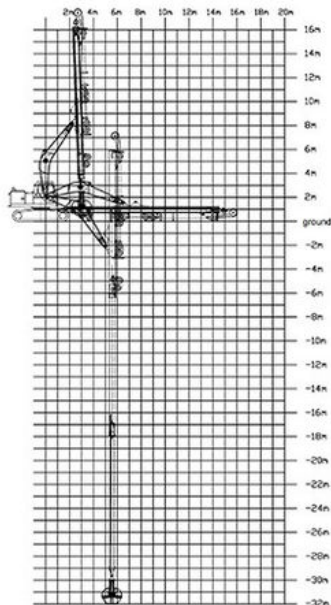
26-30m			
		2.2cbm	7T
		2.2cbm	
	40-50T	2.2cbm	6T
31-32m	40-50T	2.2cbm	7.2T
		2.5cbm	7.2T

16m Telescopic Arm



16M- Telescopic Boom	
A. Maximum vertical digging depth	16000mm
B. Maximum vertical depth digging radius	7095mm
C. Maximum vertical excavation working radius	8801mm
D. Maximum vertical digging depth	13340mm
E. Maximum vertical excavation working radius	13586mm
F. Maximum unloading height	8044mm
G. Minimum turning radius	6150mm
H. The minimum turning radius is the height of the whole machine	8087mm

32m Telescopic Arm



Front attachments of one set of excavator telescopic arm:

\* Clamshell Bucket \*Bucket Grapple



Production Details of one set of excavator telescopic arm:

\* **Material Selection of one set of telescopic excavator** High-Strength Steel: Utilized for its durability and resistance to wear and tear, ensuring longevity under heavy loads.

\* **Design and Engineering:**

**CAD Modeling:** Advanced computer-aided design tools are employed to create precise models, allowing for thorough testing and optimization of the structure.

**Stress Analysis:** Finite element analysis (FEA) is performed to identify potential weak points and ensure the arm can withstand operational stresses.

**Manufacturing Process:**

**CNC Machining:** Precision machining techniques are used to manufacture components with exact specifications, ensuring high quality and consistency.

**Welding:** Robotic and manual welding methods are applied for robust joints, enhancing structural integrity.

Assembly:

**Modular Construction:** Components are assembled in modules to facilitate easier handling and maintenance, allowing for quick assembly and disassembly.

**Quality Control:** Each unit undergoes rigorous inspection and testing to ensure it meets industry standards and performance criteria.

**Painting:** Finishing paint is applied for aesthetic appeal and additional protection against environmental factors.

**Testing:**

**Load Testing:** Each boom arm is subjected to load testing to confirm its operational capacity and safety under expected working conditions.

**Functional Testing:** Comprehensive testing is conducted to ensure smooth telescoping action and overall functionality before delivery.

**Packaging and Delivery:**

**Secure Packaging:** Each unit is carefully packaged to prevent damage during transit, utilizing custom crating and cushioning materials.

**Logistics Coordination:** Efficient logistics management ensures timely delivery to clients, facilitating smooth project initiation. These production details highlight the meticulous approach taken to create a high-quality excavator telescopic boom arm that meets the demands of various industries.

### Main Equipments of Production Line

#### Main equipments of production line



Bending machine



CNC Plasma and flame integrated feeder



Floor-type boring and milling machine



Milling machine



Air compressor



Sandblasting machine



Sawing machine



Lathe



Drilling machine



Beveling machine



Rolling machine



Floor-type double-sided boring machine



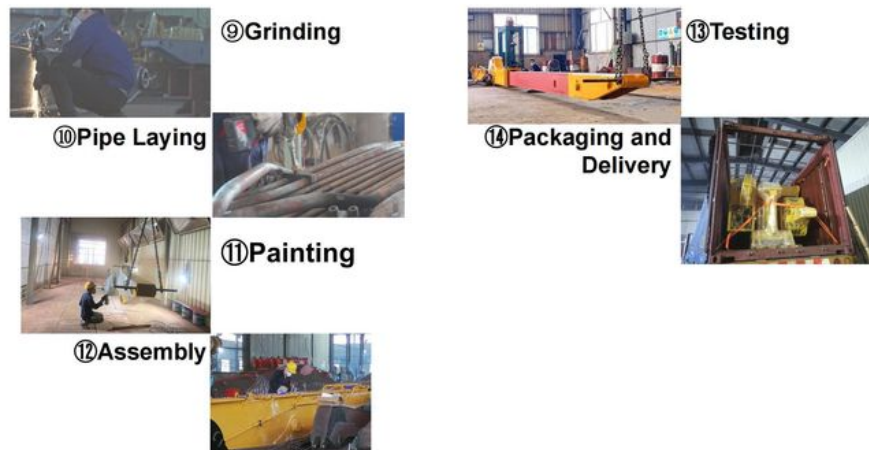
### Production Line

- \* Every procedure of production of excavator telescopic arm is under strict control.
- \* Every procedure of production of telescopic arm excavator is strict proceeded.

### Product Manufacturing Process



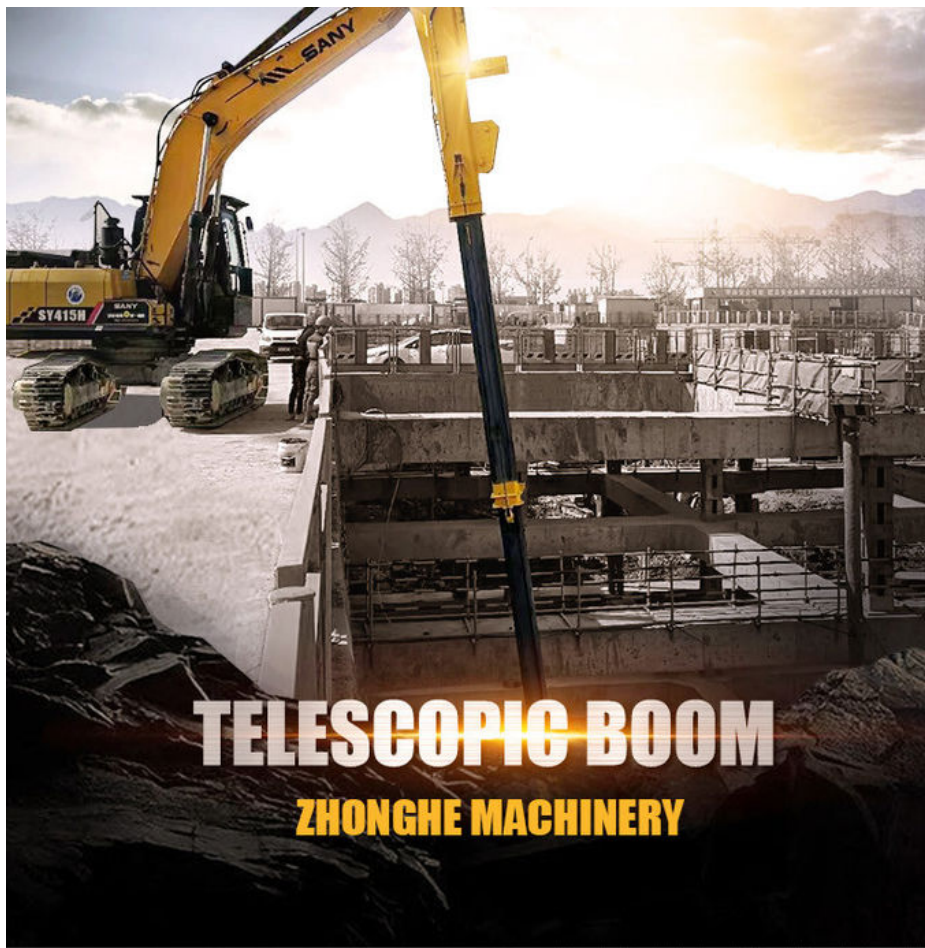
### Product Manufacturing Process



### Details of one set of excavator telescopic arm:

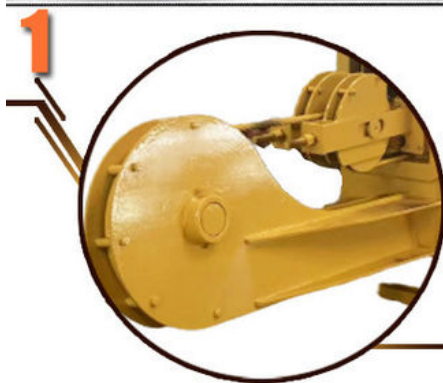
1. Material of one set of excavator telescopic arm: the material of the tube is BS900E. lighter, stronger, longer life-span.
2. Pulley of one set of excavator telescopic arm dipper stick 28m: The pulley is made of MC steel, which has the same hardness as steel, but is light and wear-resistant. The wheel diameter is enlarged to withstand greater loads.
3. Bearings of one set of excavator telescopic boom arm: The bearings are high-speed heavy-load bearings, and the bearings use larger diameters to withstand greater loads.
4. Wire rope of one set of telescopic dipper for excavator: using multi-strand wire rope can bear greater tension and impact force.
5. Excellent design of one set of clamshell telescopic arm excavator: Very few failures, and later maintenance is more convenient.
6. Production process of one set of excavator telescopic boom arm: Using better welding wire and better processing technology ensure the accuracy of the arm tube.
7. Excavator Telescopic boom is our mature product. Positive feedback.





# TELESCOPIC BOOM

## ZHONGHE MACHINERY



### Main Material

1. The telescopic arm can be made of Q690D-Q960 material according to the requirements, with much deeper excavation depth, simple and convenient operation, safe and reliable.

### lighter and durable

The external hose pulley separates the hose from the main rope, avoids the friction between the main rope and the hose, reduces failures, and makes maintenance more convenient



### Pivot End

- 01 Centralized lubrication
- 02 Can match bucket and grabber

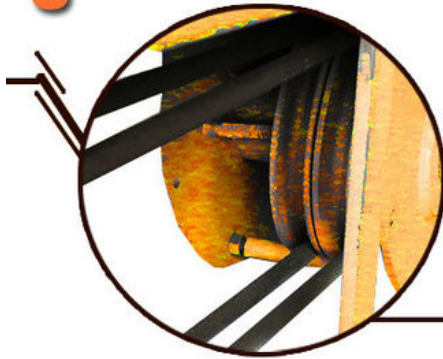


## Rope Structure

- 01 Adopt 30mm main rope
- 02 The upgraded auxiliary rope design makes the pipeline smoother while stretching
- 03 Adopt 26mm auxiliary rope



5



## Easy To Oil Filling

- 01 Oil filling hole at the second arm front end(to the top slider)
- 02 Oil filling hole position on both sides of the third arm front end(to the top slider)

### Engineering Cases of excavator telescopic arm:

The feedback from clients is very positive.



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



### Introduction of Kaiping Zhonghe Machinery Company:

\* Professional \*Experienced \* 24 Hours Available



**Contact Details:**

Kaiping Zhonghe Machinery is a big Manufacturer of Excavator Arms and Booms

Key word: long reach boom excavator, pile arm pile boom, demolition arm, shorten arm/ tunnel arm, rock arm rock boom, telescopic arm, etc

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