15m 16m Excavator Telescopic Arm for Excavator Teledipper Excavator Long Reach Boom And Telescopic Arm

Our Product Introduction

Basic Information

- Place of Origin: Guangdong Province, China
- Brand Name: Kaiping Zhonghe Machinery Manufacturing Co. Ltd
- Certification: CE, Patents, ISO
- Model Number: Excavator Long Reach Stick Boom And Arm 08
- Minimum Order Quantity: 1 set / piece
- Price: USD 199.00-USD19999.00
- Packaging Details: Bubble or Wooden case / others
- Delivery Time: 10-35 Working Days
- Payment Terms: T/T, L/C
- Supply Ability: 7 Sets Per Week

Product Specification

- Material: LG700 / HG785
- Cylinder: Premium Cylinder
- Digging Depth: 8m 10m 14m 16m 18m
- Front Attachments: Clamshell Bucket / Standard Bucket
- After-sales Service: Yes
- Spares: Premium Spares, With Longer Service Life-span
- OEM Service: Yes
- Spring Hose: Premium
- Warranty: 6 Months
- MOQ: 1 SET
- Bucket Capacity: 0.5cbm 0.6cbm 0.8cbm 1cbm 1.5cbm
- Application: Digging House Foundation, Deep Pits
- Highlight: **15m excavator telescopic arm**, **16m excavator long reach boom**, **excavator teledipper telescopic arm**

More Images

Our Product Introduction

Product Description

16m 18m Excavator Telescopic Boom Telescopic Arm Excavator Long Reach Boom And Telescopic Arm with Bucket / Clamshell Bucket 1cbm 1.5cbm 2cbm

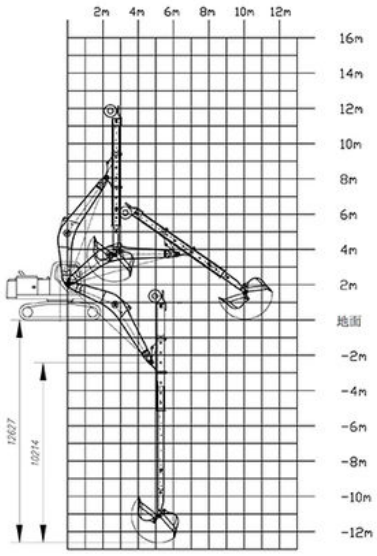
Suitable working applications of one set of telescopic arm for excavator: digging house foundations, caisson, deep pits, etc
Extended Reach: The telescopic design allows for significant extension, providing operators with enhanced reach and flexibility. This feature is particularly beneficial for deep digging, trenching, and accessing hard-to-reach areas without the need for repositioning the excavator.
Robust Construction: Crafted from high-quality materials, our telescopic arm is built to withstand the toughest conditions. Its durable design ensures longevity and reliability, making it a valuable addition to your equipment fleet.

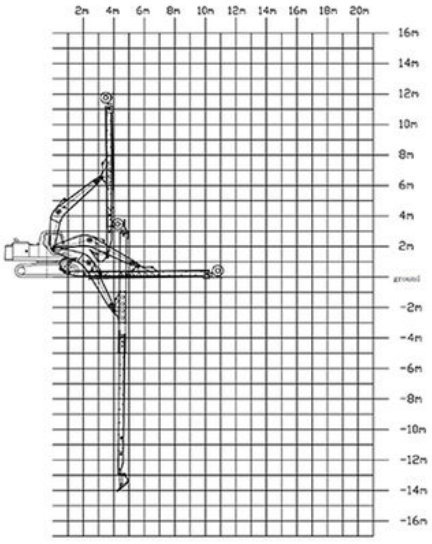




Compact Size (3-5 meters):
Ideal for smaller excavators and confined spaces.
Perfect for residential projects, landscaping, and utility work.
Provides excellent maneuverability while maintaining adequate reach.
Standard Size (6-8 meters):
A versatile option suitable for medium-sized excavators.
Great for general construction tasks, trenching, and digging in tighter areas.
Balances reach and stability, making it a popular choice among contractors.
Extended Size (12-16 meters):
Designed for larger excavators, offering enhanced reach for deeper digging.
Excellent for foundation work, large-scale construction, and dredging operations.
Allows operators to access hard-to-reach areas without moving the machine frequently.
Heavy-Duty Size (17-20 meters):
Specifically engineered for heavy-duty applications and larger excavators.
Ideal for industrial projects, large-scale earthmoving, and infrastructure development.
Built with reinforced materials to handle significant loads and stresses.

Excavator Model(ton)	Bucket Capacity(cbm)	Bucket Cylinder	Digging Depth(m)
6T	0.2	6T	6
10-12T	0.2	6T	10
20-27T	0.4	20T	12
30-36T	1	30T	12
20-27T	0.4-0.6	20T	14
24-27T	0.8	30T	14
30-36T	1	35T	14
30-36T	0.8	30T	14
30-36T	1	35T	15
24-28T	0.8	30T	15
24-28T	0.4	20T	16
30-36T	0.8	22T	16
45-50T	1.2	35T	16





The front attachments of one set of excavator long reach boom and telescopic arm can be:
* Clamshell Bucket *Standard Bucket

Standard Bucket

Clamshell Bucket

Production details of one set of two-section excavator long reach arm excavator telescopic arm are as follow:

Product Manufacturing Process

① Drawing Design

②Plate Cutting

③Machining

④Beveling

⑤Bending

⑥Welding

⑦Weld Flaw Detection

⑧Boring Machine Processing

Product Manufacturing Process

1. Design

The process begins with our skilled engineers who utilize advanced design software to create precise, functional designs. Each design is tailored to meet specific customer requirements and industry standards, ensuring optimal performance for various applications. Every set of excavator telescopic arm is conducted multiple simulations before production.

2. Plate Cutting

Once the design is finalized, high-quality steel plates are selected. Using state-of-the-art cutting technology, the plates of one set of telescopic arm for excavator are cut to the exact dimensions needed for the telescopic arm, ensuring accuracy and minimizing waste. Panel of one set of telescopic arm for excavator is cut by CNC plasma machine with less deformation.

3. Machining

The cut plates undergo machining to achieve precise tolerances. This step involves using CNC machines to create intricate features, holes, and surfaces that are critical for the assembly and functionality of the arm. The precision of one set of telescopic arm for excavator is super high.

4. Beveling

Edges of the machined components are beveled to facilitate strong weld joints. This process ensures that the parts fit together perfectly, enhancing the overall strength and integrity of the final excavator telescopic arm.

5. Bending

The beveled plates are then bent into the desired shapes using hydraulic bending machines. This step is essential for forming the structural elements of the telescopic arm for excavator, allowing it to achieve the necessary reach and maneuverability.

6. Welding

The bent components are meticulously welded together by skilled technicians. We use advanced welding techniques to ensure strong, reliable joints that can withstand the stresses encountered during operation. The welding is under high strict supervision.

7. Weld Flaw Detection

After welding, each joint undergoes rigorous flaw detection using non-destructive testing methods. This step is crucial to identify any potential weaknesses or defects, ensuring the safety and reliability of the telescopic arm for excavator.

8. Boring

The welded assembly is then bored to achieve precise dimensions for mounting and fitting. This process guarantees that the telescopic arm telescopic boom for excavator aligns perfectly with the excavator, maximizing efficiency and functionality.

9. Polishing

Following boring, the surface of the arm is polished to remove any imperfections and prepare it for finishing. This step not only enhances aesthetics but also improves the durability of the arm by reducing friction and wear.

10. Piping

Next, piping is installed for hydraulic systems, allowing for seamless operation of the telescopic arm. Our piping design ensures optimal fluid flow and pressure management, critical for the arm's performance.

11. Painting

The telescopic arm is then coated with a high-quality paint to protect it from corrosion and environmental damage. This finishing touch enhances durability while giving the arm a professional appearance.

12. Assembling

Once painted, all components are carefully assembled, including any additional features such as hydraulic cylinders and attachments. Our assembly process is thorough, ensuring that every part fits perfectly and functions as intended.

13. Testing

Before leaving our facility, each telescopic arm undergoes extensive testing to verify its performance and reliability. We simulate real-world conditions to ensure that the arm meets all operational standards and customer expectations.

14. Packing

Finally, the telescopic arm is securely packed for delivery. We use protective packaging materials to prevent any damage during transit, ensuring that the product arrives in perfect condition.

More details of one set of Excavator Long Reach Boom And Telescopic Arm

The front end is designed to be curved, greater digging force

Bearing part with multi-layer reinforced

The pivot end is reinforced with multiple layers to withstand greater excavation forces

The exposed bucket cylinder can be replaced without disassembling arm, which is convenient for maintenance

The reel adopts enlarged spring piece

Precision Engineering: Each component is engineered with precision, ensuring optimal fit and functionality. Advanced machining techniques are employed to achieve tight tolerances, which contribute to the overall performance and reliability of the arm.
Hydraulic Efficiency: Designed for seamless integration with hydraulic systems, our telescopic arm provides smooth, responsive control. Operators can perform intricate tasks with ease, enhancing safety and reducing the risk of damage to surrounding structures.

Contact details:
Big discount is Awaiting!

Sales Manager

Manufacturer of Excavator Arm and Boom

Whatsapp: +86 13822325403

Email: aria@excavatorboomarm.com
13822325403@163.com

Web: www.excavatorlongarm.com

Jiangmen Kaiping Zhonghe Machinery Manufacturing Co., Ltd

+86 13822325403 aria@excavatorboomarm.com excavatorlongarm.com

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