



Customized Three Section High Reach Demolition Boom Arm 16-24m Suitable for 20-38 Ton Excavator for High Rise Demolition

Our Product Introduction

for more products please visit us on excavatorlongarm.com

Basic Information

- Place of Origin: Guangdong, China
- Brand Name: ZHONGHE
- Certification: CE
- Model Number: CAT336
- Minimum Order Quantity: 1 piece
- Price: \$10000/pieces
- Packaging Details: Bubble bag packaging
- Delivery Time: 25-30 work day
- Payment Terms: T/T

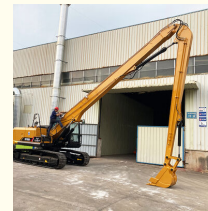
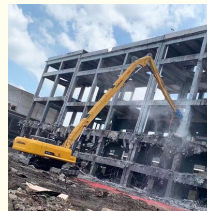


Product Specification

- Brand Name: ZHONGHE
- Part Name: Excavator Demolition Boom
- Material: Q355B/Q690D
- Applicable Industries: Energy & Demolition
- Length: 16-24m
- Model: 20-38 Ton
- Color: As Customer Requirements
- Warranty: 6 Months
- Condition: 100%New
- Quality: High-Quality
- MOQ: 1 PCS
- Packing: Standard Packing
- After-sales Service Provided: Online Video Support



More Images



Product Description

Our Product Introduction

Excavator Three-section Demolition Boom



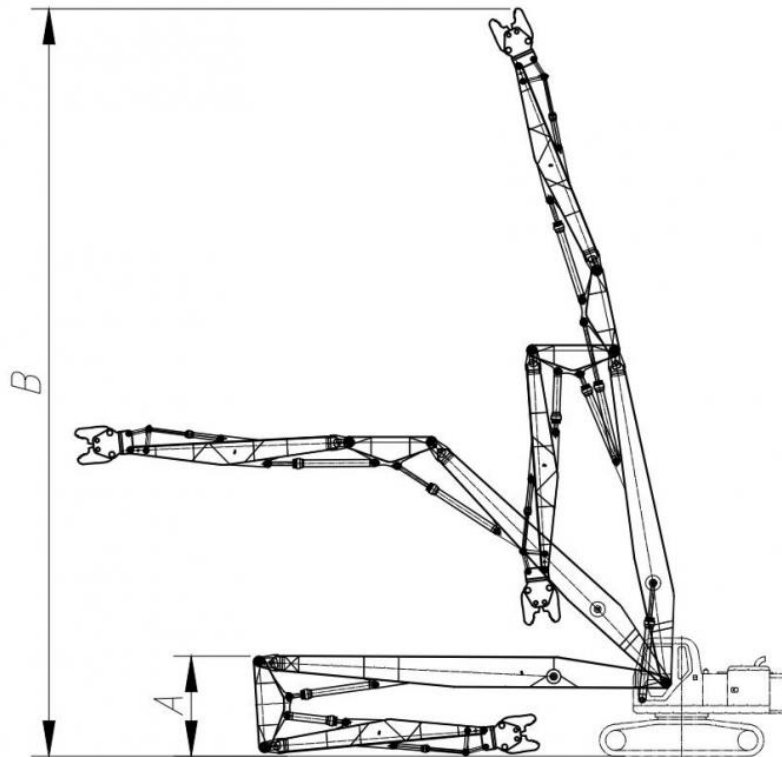
Demolition Boom Customization

- *Applicable for all brand excavator.
- *Color, length, material can do according to you.
- *Made of Q355B or Q690D steel with good strength and rigidity.



ZHONGHE MACHINERY

PRODUCT DESCRIPTION



Excavator (ton)	Total Length (mm)	Transport Height(mm)	Max Lift Height(mm)	Limit weight of hydraulic shear(kg)	Cylinder (Ton)	Counterweight (ton)
25 Ton	16000	3160	14900	2000	20 Ton	4 Ton
30 Ton	18000	3300	17000	2000	20 Ton	4.5 Ton
35 Ton	20000	3300	19000	2000	20 Ton	4.5Ton
40 Ton	22000	3400	21050	2000	20 Ton	5 Ton
45 Ton	24000	3400	23100	2000	20 Ton	5 Ton

PRODUCT ADVANTAGES



Advantages

1. Base material Q355B; Q690D high-strength steel applied for top and bottom cover plate of boom tube.
2. Max opening angle up to 180°, realize higher safe demolition height.
3. Sectional pipeline layout for convenient transport and maintenance.
4. Optional split-type boom structure: easy transport, fast on-site assembly, adjustable working height by adding middle section.
5. Enlarged pin-diameter for bucket-cylinder joint to resist heavy-load impact, reduce pin-break risk.
6. Optimized pipeline layout with high-quality joints and seamless steel pipes.

Details Advantage

- More firmly due to whole plate bending

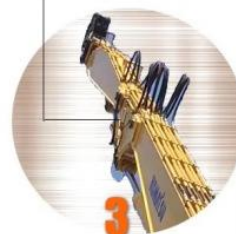
- Add reinforcement plate at the stress position



- Adopt 90mm pin to avoid pin breakage



- The opening angle of boom arm can reach 180°



The boom, middle arm and arm are designed in a golden ratio to maximize its effectiveness



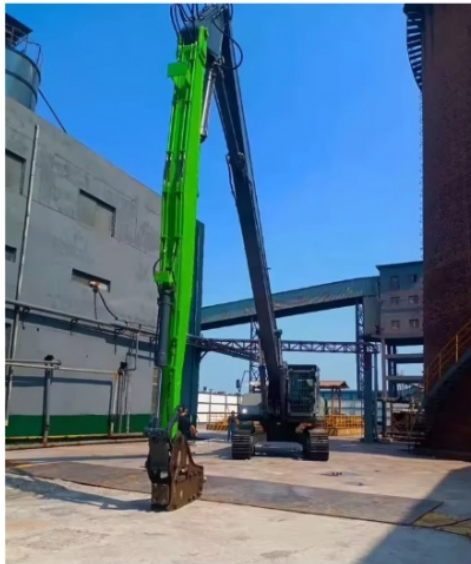
- Seamless precision steel pipe

- three layers with four passes welding



- Graphite alloy copper sleeve

- The boom seat sleeve adopts all in one molding process



Standard Configuration

- 1.1 set big-middle-small boom
- 2.1 bucket cylinder
- 3.1 linkage assembly
- 4.8 pins
- 5.high-pressure hoses(16pcs for breaker /20pcs for hydraulic shear)
- 6.10 stop valves
- 7.5 grease tubes

This three-section telescopic boom can be equipped with various attachments. All demolition attachments and demolition boom arms are made in Zhonghe Machinery!



PRODUCT DISPLAY







Segmented Boom Design

1. Facilitates transport: The unit can be disassembled for shipping and quickly reassembled for operation upon arrival at the destination. The front section of the demolition boom is transported as a single component, separate from the main machine.
2. Adaptable to various working heights: Intermediate boom sections can be added to increase the operating height, eliminating the need to replace the entire boom.
3. Enables rapid switching between a standard boom and a demolition boom, allowing a single machine to serve multiple purposes.

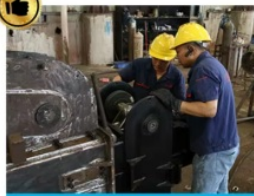


WHY CHOOSE US

ZHONGHE triple quality control system

1. The first system is the technical design drawing review mechanism.
2. The second system is the semi-finished product review mechanism. (each process has a detection testing for the previous process)
3. The third system is the finished product testing. (Before painting, the overall inspection is carried out to check whether the design size matches the welding size, and whether the installation size meets the design requirement.)

To sum up, every single **ZHONGHE** product has been passed the above three-stage inspection system to ensure that is qualified before shipping.



Accuracy Testing



Weld Bead Testing



Testing Before Send Out



Operation Testing

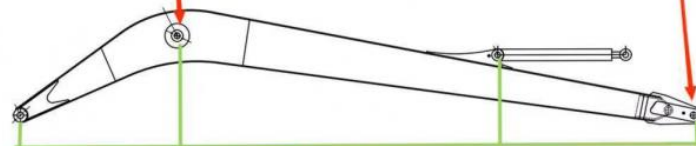


Post-welding Testing

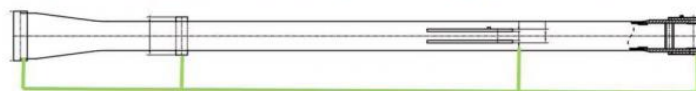
Double-sided boring lathe



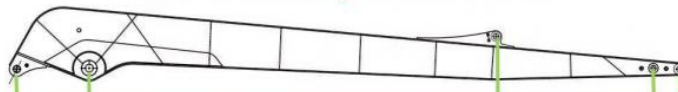
After the excavator boom and arm are assembled, the pins on the boom are drilled to ensure that the pins on the boom are parallel to each other and the cross section of the pin hole is perpendicular to the pin. The double-sided boring machine of the boom makes the hole position more accurate and the 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

Product process



CNC cutting
High precision CNC plasma cutting for steel plate blanking



Edge milling
Edge milling and beveling for welding preparation



Bending
Steel plate bending with large bending machine



Assemble
Precision assembly and tack welding of boom parts.



Polishing
Grinding and polishing of weld seams and surfaces.



Spray painting
Sandblasting and spray painting for anti-corrosion.

Company Profile



ZHONGHE

Kaiping Zhonghe Machinery Co.,Ltd. established in 2018, it is a combination of manufacturing and trading, specializing in customizing different kinds of excavator boom arms and attachments.

We are located in Cuishanhu New District. Kaiping City. Jiangmen City. Guangdong Province, China. We boast a 21000m³ steel structure workshop with a large number of high precision processing equipment and a strong and cohesive team of over 100 experienced technical staff. 50 welding workers with over 7 years experience. 30 senior designers, and a high-tech R&D team(10+ years on customization. 100+ technical patents), strict production system(6+ years quality control and cost control) and warm-hearted service team. Our annual output of various types of excavator boom arms can reach up to 600 sets.

Design Department



Production Department



Sales Department



Exhibition



OUR CUSTOMERS

Our products are stable used in Australia,
New Zealand, Norway, Sweden, USA,
Canada, Austria, Ireland, Britain, Malaysia,
Philippines, Mauritius, Reunion, Kenya,
Ecuador, Chile, etc

Certificates



PACKING & DELIVERY



TRANSPORTATION

FedEx
Federal Express

DHL
EXPRESS

ups

TNT
EMS

WORRY-FREE SHIPPING

We provide a full range of shipping methods for worry-free shipping.



CUSTOMER FEEDBACK



A. Yes, all our products are fully custom-made. Please provide excavator brand, model / tonnage, required working parameters and site conditions for quotation.

A.Compatible with CAT, Komatsu, Hitachi, Doosan, Sany, XCMG, LiuGong and other mainstream excavator brands worldwide.

A.Excavator brand & model, working depth/reach, site working condition, any special upgrade requirements.

A.Sure, send us your machine info and project requirements, our engineering team will offer professional suggestions.

A. Standard Q355B steel; Q690D / HG785 high-strength steel for heavy-duty harsh working conditions.

A.High-strength steel upgrade, enlarged cylinders, split-type structure for easy shipping, premium wear-resistant parts.



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