



Mining Construction Work Excavator Rock Arm Rock Boom Burst Arm with Ripper for Rock Breaking

Our Product Introduction

for more products please visit us on excavatorlongarm.com

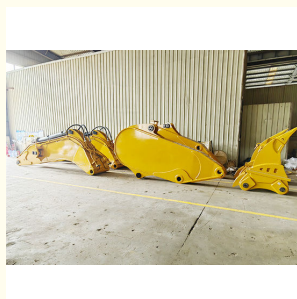
Basic Information

- Place of Origin: Guangdong, China
- Brand Name: Zhonghe
- Certification: CE
- Model Number: YSB001
- Minimum Order Quantity: 1 piece
- Price: \$25800/pieces
- Packaging Details: Bubble bag packaging
- Delivery Time: 25-30 work day
- Payment Terms: T/T
- Supply Ability: 5 Piece/Pieces per Month

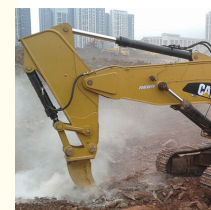
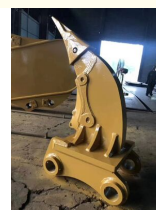


Product Specification

- Brand Name: Zhonghe
- Part Name: Excavator Rock Arm
- Application: Rock Breaking
- Material: Q355D/Q690D
- Applicable Industries: Energy & Mining & Demolition
- Suitable Excavator: 45-55Ton
- Weight: 20705kg
- Color: As Customer Requires
- 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 Rock Arm



Rock Arm 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.



PRODUCT DESCRIPTION

Rock Arm



The rock arm is also called the burst arm the eagle break arm, and the excavator super hook.

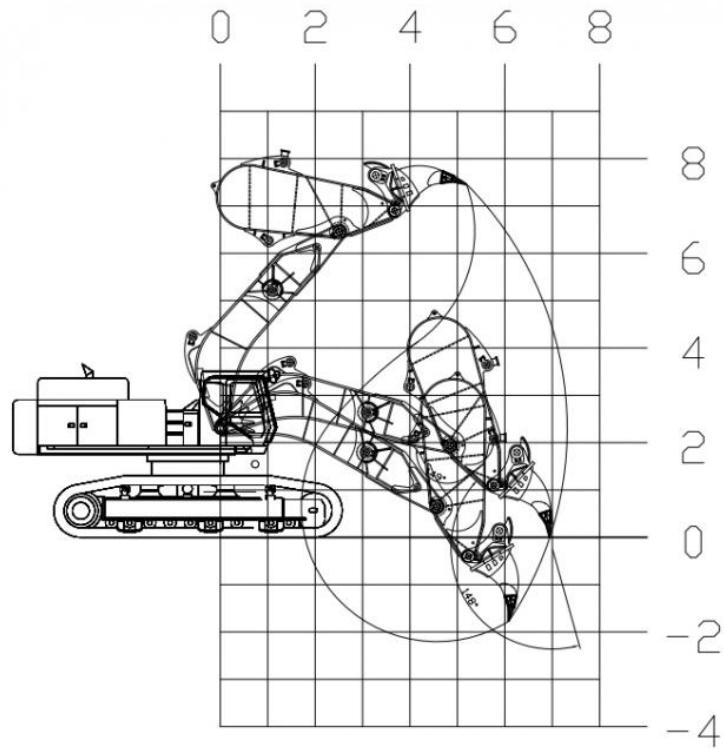
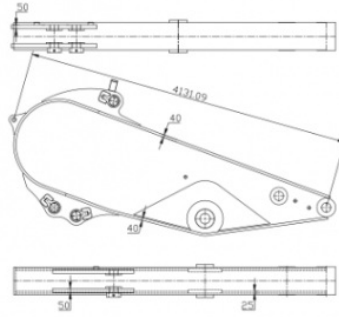
The heavy-duty rock arm of the excavator is an excavation and crushing tool designed for processing weathered rock and shale.



Under normal circumstances, the standard-arm ropper cannot work, and the working efficiency of the breaker is relatively low, unable to meet engineering needs and create greater profits. Compared with traditional blasting operations, rock arm operations have high efficiency, low crushing costs, and low maintenance costs.

The rock arm is a solid arm, with iron sand filled in the boom and arm. It has a deeper excavation, stronger excavation force, high efficiency and longer service life. It is suitable for working conditions where the rock strength is less than 30 MPa.





PRODUCT DESCRIPTION



Advantages of Rock Arm



The bucket cylinder is inverted.

It effectively avoids damage to the piston rod caused by possible collisions during excavation, reduces use risks and saves maintenance costs.



The thickness of the forearm and ripper decreases.

To reduce excavation resistance, the ripper can be inserted into the working surface as a whole, making excavation deeper and enabling full bucket loading.



Rock Arm Configuration

1 piece of boom, 1 piece of arm, 1 piece of rock ripper, 4 pieces of high-pressure hoses, 7 pieces of pins, 1 piece of bucket cylinder, 1 piece of stick cylinder.



Increase the volume and weight of the forearm.

The digging force is stronger, the operation is easier and the efficiency is higher.



Integrated head and upper arm.

The structure is stronger and stronger, effectively reducing the risk of cracking caused by high-intensity operations.



Rock Ripper

A type of soil-loosening equipment, often used for rock kbreaking or hard ground excavation. Its working principle is to apply impact force to the ground through a hyfraulically-driven toothed structure (such as single-tooth or double-tooth configuration) to enhance excavation efficiency and break stubborn materials. In agricultural or engineering scenarios, this equipment needs to be used in conjunction with excavators and is suitable for complex geological conditions such as frozen soil and weathered rock layers.



Other Advantages of Excavator Rock Boom

A. Powerful rock breaking: The total weight is about 21 tons, and the ratio is reasonable. Used for crushing work in rock formations below 30 MPa.

B. Stable body(Take SY550 rock arm as an example): The weight of the big arm is 10000KG, the weight of the arm cylinder is 650KG, the weight of the forearm is 7605KG, the weight of the bucket cylinder is 725KG, and the weight of the ripper is 2030KG. The ratio of the big arm and the small arm is reasonable, making the machine more stable during work.

C. Cylinder safety: We use larger cylinders and cylinder protection covers to achieve cylinder stability.

D. Ultra-low failure: Our materials, plates, welding, pins, bushings, and bucket teeth are all relatively good, with better processing technology and lower failure rate. And we all use graphite copper sleeves to achieve self-lubrication. The pin is 40Cr, the material is more wear-resistant, and the surface hardness reaches 45°





COMPANY PROFILE



Kaiping Zhonghe Machinery Manufacturing Co., Ltd.

Founded in 2018, Zhonghe heavy industry independently develops and produces construction machinery parts such as excavator lengthening arm, mountain pulling arm, two-stage telescopic arm, sliding arm, three-stage telescopic arm, three-stage demolition arm, rock arm, tunnel arm, bucket, pile driving arm, wood grabber, steel grabber and scarifier. It is widely used in weathered stone crushing, subway construction, forestry logging, municipal pipeline engineering, river dredging, building demolition, Larsen steel sheet pile driving and pulling, pile foundation engineering, resource recovery and other engineering industries. The products are sold in more than 40 countries and regions. Provide one-year after-sales service with after-sales warranty and deliver on time. 24-hour online service can provide OEM production.



Our Team

The power of knowledge, the power of the power of unity and dedication, we will gain.



Zhongehe Machinery

Our company is specialized in excavator long reach boom arm, standard arm, pile driving arm, two or three section demolition boom, tunnel arm, rock arm, quick hitch, tilting bucket, rock ripper, mechanical grapple, log grab, orange peel grapple, clamp bucket, rock bucket, clamshell bucket, multi crusher, single cylinder shear, rock breaker, pile hammer.

All products support customization, and customized products are suitable for all excavator brands.



14000m² Workshop

We have more than 14000m² steel structure workshop with lots of high precision processing equipments.



R&D Team

We use precision drawing software to achieve the max working range under the premise of safe operation.



Skillful Workers

There are more than 60 skillful staffs, 30 welding workers with over 5 years welding experience.



Customized

1. Fit all brand.
2. Color, length, material are customized.
3. Extra pipeline can be added.



Prompt Lead Time

1. Our lead time is 7-15 days.
2. Our annual output of excavator boom arms can reach 600 sets.



100% Service

1. Online support within 24 hours.
2. Appointment video technical support.

PRODUCT CATEGORY



Long Reach Boom



Sliding Arm



Two-section Telescopic Arm



Three-section Telescopic Arm



Pile Driving Arm



Tunnel Arm

PRODUCT CATEGORY



Rock Bucket



Standard Bucket



Tilt Bucket



Ditch Cleaning Bucket



Skeleton Bucket



Rock Ripper

APPLICABLE BRANDS



KOMATSU



HITACHI

VOLVO

SUMITOMO

KOBELCO



CASE

KATO

HYUNDAI



LIEBHERR

ATLAS



TEREX

Kubota



TAKEUCHI

IHISCE



SANY



山东临工



山重建机



JCM



SHANTUI



福田雷沃重工



厦工



LuGONG 柳工

LISHIDE 力士德

ZOOMLION

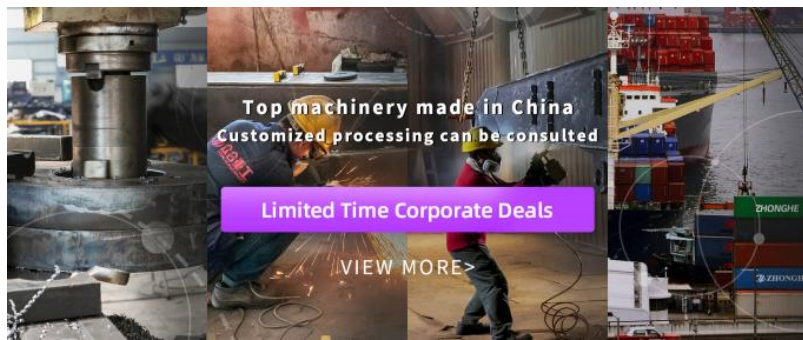


LONKING 龙工

SUNWARD 山湾智能

CERTIFICATIONS





» PRODUCTION ADVANTAGES «

Our factory has a complete range of production equipment, which is conducive to the production of our products, good quality and ensures product accuracy.

1. Panel is cut by CNC plasma machine with less deformation.
2. Tolerance within 5-10um, ensure the accuracy of hole .
3. Environmentally friendly verified spraying room.
4. GMAW-Gas Metal Arc Welding.
5. Plasma cutting machines, boring machines, beveling machines, bending machines, etc. ensure accuracy.



Large double-sided floor boring machine



CNC plasma cutting machine



Automatic edge milling machine



Environmentally friendly spray booth

ZHONGHE triple quality control system

The first system is the **technical design drawing review mechanism**,

The second system is the **semi-finished product review mechanism**,
(each process has a detection testing for the previous process)

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.)

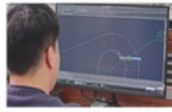
To sum up, every single ZHONGHE product has been passed the above three-stage inspection system to ensure that is qualified before shipping.

PRODUCTION PROCESS



Ingenious craftsmanship / Quality assurance

Zhonghe Machinery Production Steps



Draw design



Manufacturing



Plate cutting



Machining



Mechanical
beveling



Riveting, bending



Welding



Gas shielded
welding



Pipeline layout



Spray paint



Test



Arrange shipment



Strong and sturdy

Built-in reinforcing ribs. Professional welding skill towards different bearing position. Steel plate chamfering bevels before welding.



Less maintenance

Using high quality materials, such as Q355B as default, Q690D optional, Ningbo connectors, seamless precision pipelines, graphite alloy copper sleeve, strong but light bucket cylinder.

What We Have

1. Compatible with all makes and models of excavators.
2. All welding seams are tapered 45 degrees before welding in order to make the welding position more durable for long-term use.
3. Supply customization service according to customer requirements.
4. Additional applicable accessories can be added.
5. The gas welding is used for finishing, which makes the welding position more elegant and stable.

What You Get

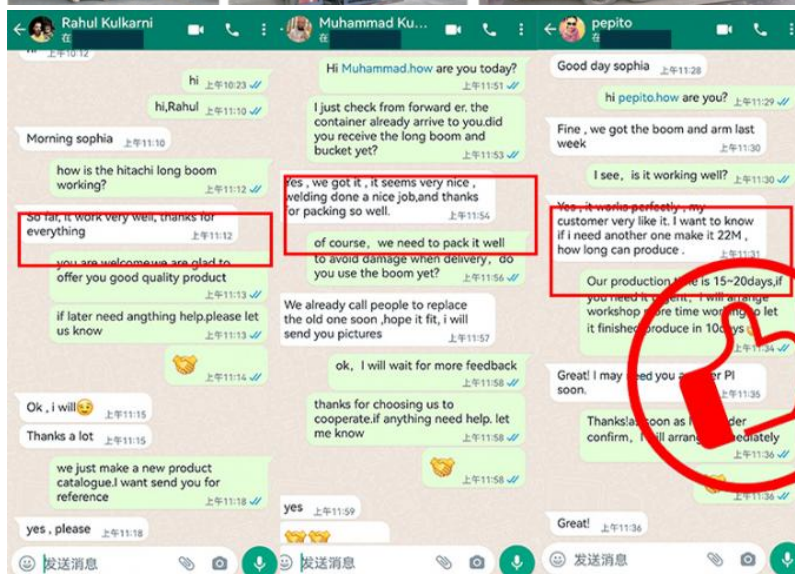
1. Superior quality and durable three-section demolition boom and arm.
2. Provide lifetime free and timely consultation about any products.
3. Provide working condition design sample drawing free of charge.
4. Heavy Duty boom and arm hit harder and last longer, without breaking your wallet.

EXHIBITIONS



SHIPPING & PACKAGE

Package
Bubble bag packing for most products;
Wooden case for little products, like buckets;
Iron frame support for boom arms.
The accessories and package of excavator long boom arm are subjected to our final confirmation.



FAQ



1. Who are we?

We are based in Guangdong, China, start from 2018, sell to Southeast Asia(40.00%), Mid East(10.00%), North America(10.00%), South Asia(8.00%), Eastern Europe(8.00%), Oceania(8.00%), Eastern Asia(5.00%), Africa(5.00%), South America(4.00%), Northern Europe(2.00%). There are total about 51-100 people in our office.

2. How can we guarantee quality?

Always a pre-production sample before mass production;
Always final inspection before shipment;

3. What can you buy from us?

Excavator Long Reach Boom, Excavator Telescopic Arm, Excavator Demolition Arm, Excavator Grapple, Excavator Bucket

4. Why should you buy from us not from other suppliers?

With more than 60 employees, it has its own unique research and development team in more than 10000 square meters of steel structure standardized plant. The annual production of various arms is up to 600 sets, and various buckets are 6000 pieces.

5. What services can we provide?

Accepted Delivery Terms: FOB, CIF, EXW, CIP;
Accepted Payment Currency: USD, CNY;
Accepted Payment Type: T/T;



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