

Heavy Duty Skeleton Bucket for 20-40 Ton Excavator Reinforced Screening Bucket

Our Product Introduction

for more products please visit us on excavatorlongarm.com

Basic Information

- Place of Origin: Guangdong, China
- Brand Name: ZHONGHE
- Certification: CE
- Minimum Order Quantity: 1 piece
- Price: \$1700/pieces
- Packaging Details: Wooden case
- Delivery Time: 5-8 work day
- Payment Terms: T/T
- Supply Ability: 50 Piece/Pieces per Month

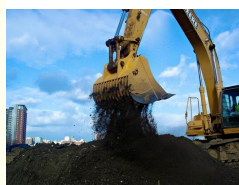


Product Specification

- Brand: ZH
- Type: Skeleton Bucket
- Material: Q355B
- Warranty: 3 Months
- Color: As Customer Requirements
- Condition: 100%New
- Bucket Capacity: 1-1.8cbm, or As Per Your Request
- Application: 20-40 Ton Excavator
- Weight: 900kg
- OEM: Support
- After-sales Service Provided: Online Video Support



More Images



Product Description

Our Product

BETTER EQUIPMENT BETTER WORK



Excavator Skeleton Bucket



Skeleton Bucket Customization

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



[illegible]

The design is similar to the bucket, but the bottom is screen-shaped, deep bottom and large volume. It is suitable for separating loose soil and impurities, cleaning rivers, etc. Excavation and separation are done in one go.

1. River dredging and bank restoration
Separate silt, sand, rocks and debris along waterways. The open grid drains water quickly, lowering load weight.
2. Demolition debris sorting
Separate reusable soil from rubble, broken concrete, bricks and scrap metal for recycling.
3. Land clearing & landscaping
Remove boulders, roots and stumps while preserving fine topsoil for backfill and planting.
4. Quarry and aggregate pre-screening
Separate crushed rock, gravel and sand. Bar spacing can be customised for target grain size.
5. Trenching and municipal works
Screen backfill material during pipe and utility installation, on-site without extra screening plant.
6. Waste and soil sorting
Separate bulky debris from fine soil at landfill and waste treatment yards.



Advantages of skeleton bucket

1. **Efficient Material Separation:** The design of the skeleton bucket allows for high efficiency in separating debris, reducing the need for manual sorting.
2. **Increased Productivity:** With its robust structure and sorting capabilities, it helps speed up the material handling process, improving overall productivity on-site.
3. **Enhanced Durability:** Built to withstand tough working environments, reducing the frequency of maintenance and downtime.
4. **Cost-Effective:** Its versatile functionality in various environments can save costs by eliminating the need for multiple buckets or machines.
5. **Ideal for Heavy-Duty Tasks:** The skeleton bucket is designed for rugged tasks, making it perfect for tough construction, mining, and demolition applications.



Excavator Screen buckets / Skeleton Buckets



Screen buckets are widely used in various industries. In the construction industry, they are valuable for sorting and separating aggregate, rock and debris on construction sites. In mining operations, screen buckets help to effectively separate ore, minerals and waste materials.

* Interlocking Rib & Rod screen

Strong and durable design with high-quality welds for long-term durability. Customise screen size for optimal efficiency within your specific application or industry.



* Dual Radius Profile

Processes more materials per fill, eliminates drag from the bucket & improves digging efficiency. Reduces drag, increases breakout force & ensures less wear on the bucket's structure. This design also ensures maximal fill with each pass saving the operator time and keeping on-site productivity high.

* Integrated Head Bracket

Built into the torsional bar of the bucket to increase the bucket's lifespan & ensuring long-term performance. The pins are made of high-quality carbon steel that has been quenched and tempered to ensure durability.



* Reinforced Wear Plating

Reinforced screen and side-walls to decrease wear in demanding environments and negate frequent maintenance and costly downtime. Higher-quality welds with minimal defects, followed by ultrasonic testing to ensure no microscopic abnormalities. This results in a stronger & more durable final product.



Some pictures of excavator skeleton bucket



Customization

Customised skeleton buckets with adjustable bar spacing, optional teeth, different colour schemes and material grades to meet your screening requirements.

Customization

- Multiple Colors
- Material Available
- Optional Teeth
- Custom Opening Size
- Flexible Capacity
- Adjustable Bar Spacing





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



Our technical staff



WHY CHOOSE US



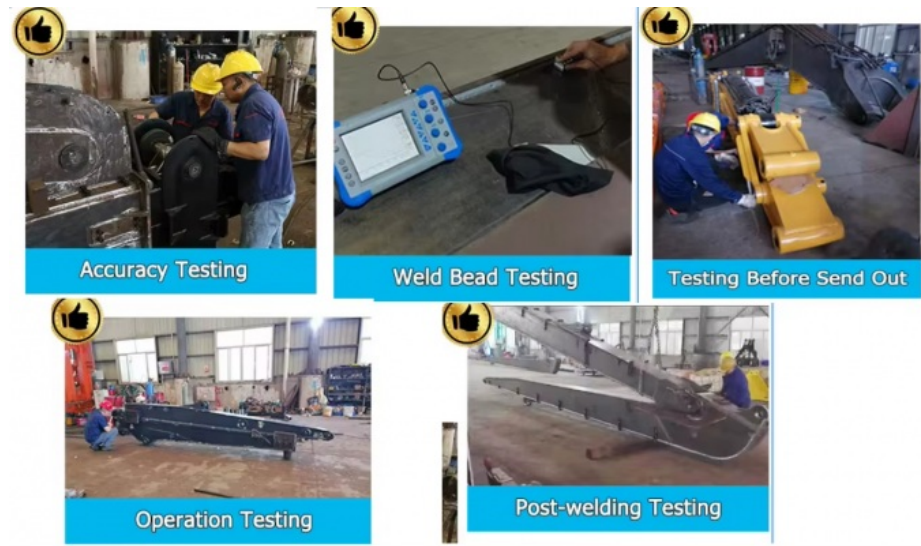
ZHONGHE triple quality control system

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.



General Manufacture Note

1.All critical welding joints adopt full-groove welding and NDT non-destructive inspection.

2.Key pin holes adopt post-weld boring process to guarantee assembly precision.

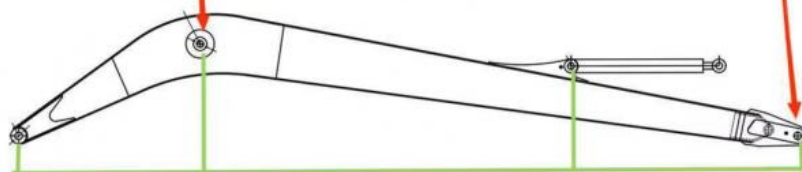
3.Custom-made service available according to customer's excavator model & working requirement.



Double-sided boring lathe



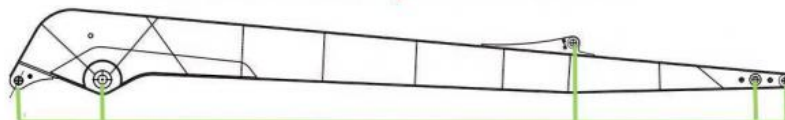
After the excavator boom and arm are assembled, the pins on the boom are drilled to ensure that the pins on the boom are parallel to each other and the cross section of the pin hole is perpendicular to the pin. The double-sided boring machine of the boom makes the hole position more accurate and the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

Certificates





Steel plates certifications

宝(6)钢 宝山钢铁股份有限公司
产品质量证明书
INSPECTION CERTIFICATE

规格: 武钢热轧卷板
 牌号: Q235B
 规格: 1500mm x 3000mm x 1.5mm

序号	项目	规格	单位	实测值	标准值	备注
1	屈服强度	355	MPa	355	355	
2	抗拉强度	460	MPa	460	460	
3	伸长率	22	%	22	22	
4	断面收缩率	56	%	56	56	
5	冲击功	27	J	27	27	
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检验员: 丁明 审核: 丁明

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检验员: 丁明 审核: 丁明

Exhibition



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.



PRODUCT CATEGORY



Rock Bucket



Standard Bucket



Tilt Bucket



Ditch Cleaning Bucket



Skeleton Bucket



Rock Ripper

HOT CUSTOMIZED PRODUCTS

Goods that people like to customize



Long Reach Excavator Boom

- Long Reach Boom /
- Three Sections Demolition Arm /
- Demolition Extension Arm /

[Customize now](#)



Demolition Boom

- Long Demolition Boom /
- Super Long Demolish Distance /
- Safe Demolition /

[Customize now](#)



Telescopic Boom

- Three-stage Extension /
- Super Long Control Distance /
- Flexible Expansion /

[Customize now](#)



Bucket

- Replaceable Fork Tines /
- Heavy Durable Bucket /



Wood Grabber

- Mechanical Hydraulic Shear /
- Excavator Rotating Grapple /



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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