



Long-Reach Excavator Arm with Heavy-Duty Stone Grab — Optimal Solution for River Embankment & Dam Works

Our Product Introduction

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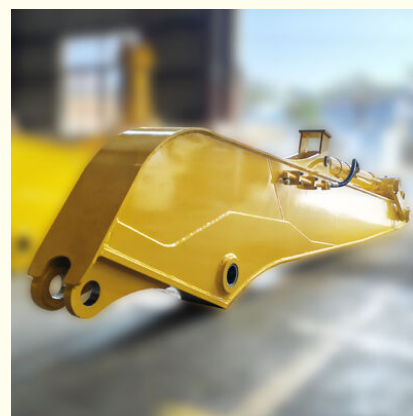
Basic Information

- Place of Origin: Jiangmen City, Guangdong Province, China
- Brand Name: Kaiping Zhonghe Machinery Manufacturing Co. Ltd
- Certification: CE, Patents, ISO9001
- Model Number: JCB0012
- Minimum Order Quantity: 1 set / piece
- Price: USD 199.00-USD8999.00
- Packaging Details: Bubble / Wooden Cases
- Delivery Time: 4-35/works
- Payment Terms: T/T, L/C
- Supply Ability: 5 sets per week

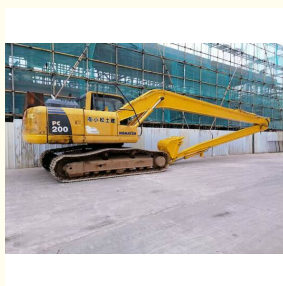


Product Specification

- Material: Q355B, NM400, Q690D
- Long Reach: 10m 18m 20m 22m 24m 30m 32m
- Color: Red, Yellow, Blue White Customized
- Digging Depth: 10m 12m 18m 20m 25m 30m
- Application: Dredging, Demolition Work, Construction Work
- Bucket Capacity: 0.4m³, 0.6m³, 1.5m³, 2m³, 2.2m³



More Images



Product Description

Extend your reach. Improve precision. Move heavier stone—faster and safer

Product description of Excavator Long Arm with Stone Grab:

Built for demanding civil works, our Long-Reach Excavator Arm paired with the Heavy-Duty Stone Grab delivers the reach, strength, and control required for river embankment and dam construction. Engineered as an integrated solution, the long-reach arm provides extended working radius and exceptional stability, while the stone grab offers precise handling of riprap, boulders, gabion stones and other heavy materials. Together they transform challenging waterfront projects into efficient, safer operations.

Key benefits of Excavator Long Arm with Stone Grab:

Extended reach and access: Reach deeper into the channel and across wider embankments without repeatedly repositioning the excavator, reducing setup time and minimizing ground disturbance.

High-capacity handling: Robust jaws and reinforced linkage handle large stones and uneven loads with confidence—ideal for placing riprap and constructing revetments or retaining structures.

Precision placement: Smooth hydraulic control and accurate jaw articulation enable controlled placement of individual stones, improving structural fit and stability of the embankment.

Improved safety and reduced labor: Remove the need for manual stone handling in hazardous areas; operators can work from the cab with clear lines of sight, reducing onsite risk.

Durable in harsh environments: Corrosion-resistant materials, heavy-wear surfaces and sealed pin joints withstand abrasive stone contact and wet conditions typical of river works.

Faster project timelines: Greater reach and reduced ground moves mean fewer interruptions and quicker progress on dam and embankment phases.



Features of One Set of Long Reach Arm for Excavator with Stone Grab

Long-reach arm

Extended boom and dipper configurations for increased horizontal and vertical reach.

Reinforced structural members and heavy-duty pins for stability under high bending loads.

Integrated hydraulic lines and protection guards for reliable operation in rough environments.
 Compatible with a wide range of carrier sizes (specify models/adapters available).
 Heavy-duty stone grab
 High-capacity clamshell/parallel-jaw design with replaceable wear plates.
 Wide opening and deep throat for grasping irregular, oversized stones.
 Multi-point gripping surfaces and serrated edges for positive traction.
 Smooth, proportional hydraulic control for delicate placement.
 Quick-mount interface for fast attachment changes.



Long Arm

SELLING POINTS

<p>• High reliability</p> <p>Proceed by high precision machines More than 8 years experience</p>	<p>• Good operability</p> <p>Install on the excavators perfectly safely and work high efficiency</p>
<p>• Firm structure</p> <p>The parts which bear huge stress are reinforced. Not easy cracking</p>	<p>• Strong adaptability</p> <p>Suitable for various working environments like dredging, repairing flat slope, various excavations.</p>

Typical applications of One Set of Long Reach Arm for Excavator Stone Grab

- River embankment reinforcement and revetment placement
- Dam repair and construction (riprap installation, stone toe placement)
- Flood defense and levee strengthening
- Quarry and shoreline stabilization
- Coastal protection and harbor works
- Optional extras / customization
- Corrosion-resistant coatings for marine exposure
- Extended hydraulic flow packages for faster cycle times
- Remote-mounted cameras and tool control for improved visibility
- Custom-fit mounting adapters for specific excavator makes/models
- Onsite service and operator training packages
- Specifications (example)
- Reach options: 12 m, 15 m, 18 m (custom lengths available)
- Grab opening: up to 2.2 m (model-dependent)
- Rated stone weight capacity: 1,000–4,000 kg (depending on carrier and configuration)
- Material: High-tensile steel with hardened wear edges
- (We can provide exact specs matched to your excavator model—send carrier make/model and we'll tailor the configuration.)

Why choose our solution?

Our long-reach arm and stone grab are designed by civil-construction specialists to meet the exacting demands of waterway stabilization projects. With proven performance, heavy-duty durability, and optional customization, this integrated system reduces machine moves, speeds installation of protective stone, and enhances crew safety—delivering cost-effective, reliable results for dams and river embankments.

Would you like a shorter version for a brochure, a technical datasheet with specific measurements, or a version tailored to a particular excavator model?

Front end design of arm

Ours



The side panel at the front end of our arm is thickened. The force at this position is relatively large, so thickening of this position is very necessary.

Others



Other manufacturers do not thicken this position.

VS

Design of the rear seat plate of the arm

Ours



Our plate is thickened because this position is connected to the boom cylinder and is the most stressed part of the arm, so we thicken the plate to avoid cracking at this position.

Others



Other manufacturers do not reinforce and thicken this location. After the excavator has been working for a long time, this location is prone to quality problems.

VS

Design of arm side panel

Ours



VS

Others



The thick plate and thin plate of our arm side plate are directly connected by diagonal connection. This design can effectively avoid excessive stress concentration and cracking at the interface.

Other manufacturers use straight-line docking at this location, which is not reasonable enough, with excessively concentrated stress and prone to cracking.

Butt joint design of arm upper cover

Ours



VS

Others



The upper cover of our arm is generally not butt-jointed. Even if it is butt-jointed, we will stick a butt-jointed plate inside the cover to ensure that the welding can be fully melted. Our butt-jointed position is generally selected in the middle of the ear seat, so that there will be no problems.

Other manufacturers dock at other locations, which may cause cracking at the docking interface later.



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