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

Our Product Introduction

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
- Bucket Capacity: 0.4m3, 0.6m3, 1.5m3, 2m3, 2.2m3
- Color: Red, Yellow, Blue White Customized
- Application: Dredging, Demolition Work, Construction Work
- Warranty: 6 Months
- Digging Depth: 10m 12m 18m 20m 25m 30m
- Technicial Support: Yes
- Long Reach: 10m 18m 20m 22m 24m 30m 32m

More Images

Our Produc

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:

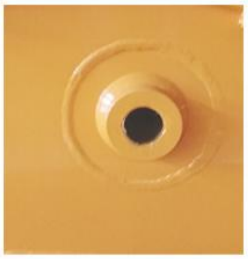
Extended reach and access: Reach deeper into the channel and across wider embankments without repeatedly repositioning the excavator, reducing setup time and minimizing ground disturbance.
High-capacity handling: Robust jaws and reinforced linkage handle large stones and uneven loads with confidence—ideal 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.

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.)

Three Layers with Four Passes Welding

Strong weldings ensure the boom end not easy cracking.



Perfect Middle Sleeve

The middle sleeve of big boom is processed as a whole, which is more firm and beautiful

Reinforcement of stress-bearing parts

Prolonger the service life-span & Not easy cracking

Premium Cylinder

Using high quality cylinder ensure no oil leakage and longer service life-span

Seamless Pipeline

Can bear huge stress and no oil leakage

Centralized lubrication system

Easy for later maintenance

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

VS

Others

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.

Other manufacturers do not thicken this position.

Design of the rear seat plate of the arm

Ours

VS

Others

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.

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.

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

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.

VS

Others

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

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