

 YICHEN

# CRUSHER BUCKET

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MAKE YOUR EXCAVATOR VERSATILE



# CRUSHER BUCKET INTRODUCTION

## INTRODUCTION

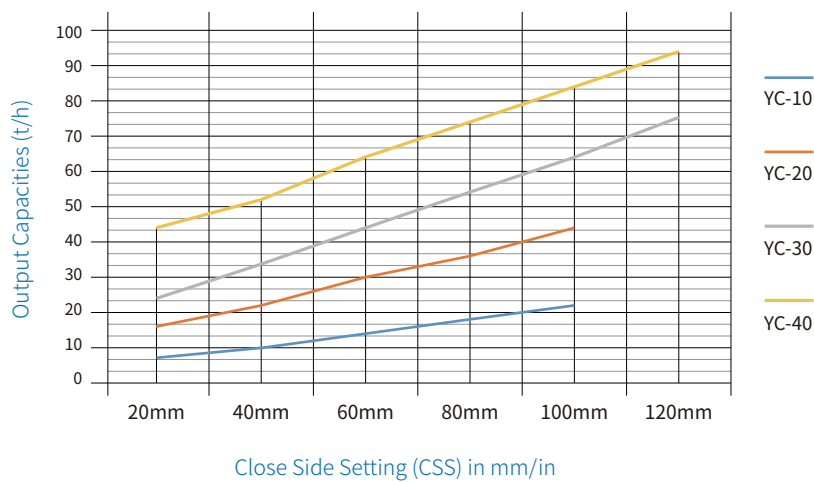
YICHEN CRUSHER BUCKET is a quality, robust jaw crusher with extremely high throughput with minimal wear costs. It is installed on the excavator and is used for processing natural rock and recycling materials economically on-site in the smallest space and shortest time. We are proud to ensure that all our materials and components are top quality.



## PARAMETERS

| MODELS               | YC-10        | YC-20         | YC-30          | YC-40          |
|----------------------|--------------|---------------|----------------|----------------|
| Excavator (ton)      | 6-15         | 18-30         | 25-40          | 30-63          |
| Inlet opening (mm)   | 490*590      | 650*870       | 800*860        | 1000*990       |
| Rated Pressure (bar) | 250          | 250           | 250            | 250            |
| Rated Oil Flow (lpm) | 95           | 120           | 160            | 265            |
| Output Setting (mm)  | 10- 100      | 10- 100       | 10- 120        | 10- 120        |
| Load Capacity (m³)   | 0.5          | 0.8           | 1.1            | 1.8            |
| Dimensions (mm)      | 1340x756x813 | 1959x996x1193 | 1959x1146x1218 | 2628x1520x1480 |
| Weight (kg)          | 920          | 2100          | 2750           | 5100           |

## PERFORMANCE



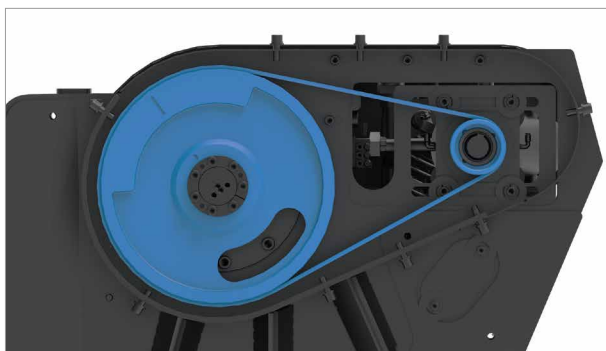
## BENEFITS

- Reduce material transportation and handling costs.
- Reduce the storage cost of landfills and the cost of purchasing new aggregates.
- Only 1 excavator and 1 operator are required.
- Reduce environmental pollution.
- Replaceable wear-resistant design.



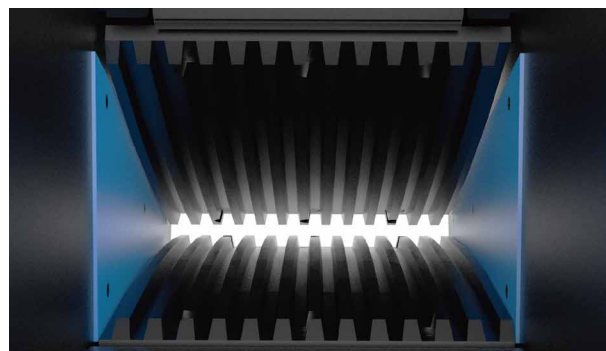
\* The production performance vary based on material, feed size and close side setting. Indicated capacities based on medium hard material crushed under optimal conditions.

# FEATURES



## 1. HIGH RELIABILITY

The Yichen Crushing Bucket adopts an axial piston motor with higher pressure bearing capacity, which can provide greater bite force for the jaw plate and can be used to handle harder materials. Belt drive and overflow valve design effectively protect the motor, extending motors' service life.



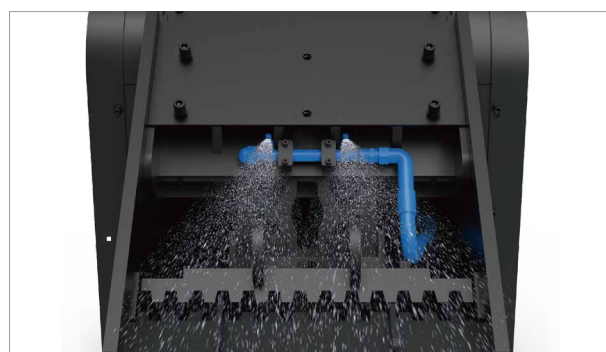
## 2. WEAR RESISTANT DESIGN

High-strength wear-resistant alloy steel is used for all racks to ensure better wear resistance. In the crushing area of the crushing bucket, the side walls on both sides can be replaced to ensure that the body is not worn.



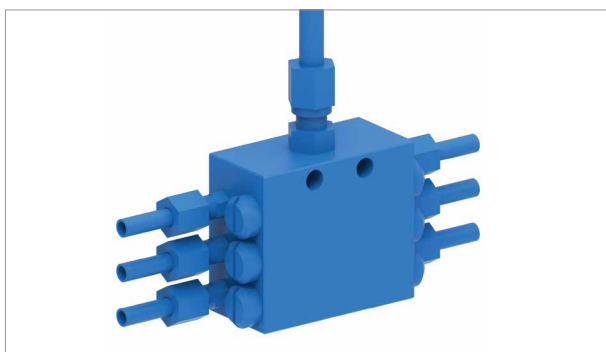
## 3. ADJUSTABLE DISCHARGE

Can output 10-120mm particles. Only one operator is required to adjust the opening on site within 10 minutes.



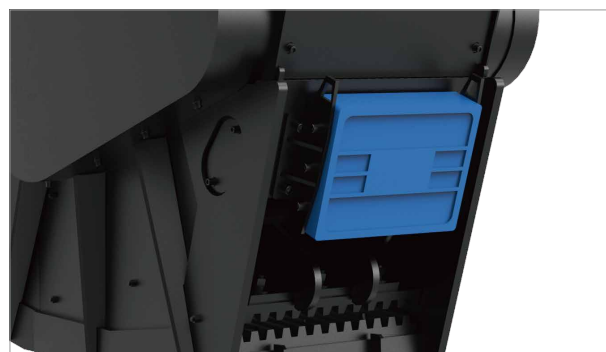
## 4. DUST SUPPRESSION SYSTEM

YICHEN crusher bucket series product comes with equipped dust suppression system, which can be used as long as the water pipe is connected, and is more conducive to promoting environmental protection operations.



## 5. CENTRAL LUBRICATION SYSTEM

It can realize the simultaneous lubrication of multiple lubrication points inside the crusher bucket through a one-time operation.



## 6. IRON SEPARATOR (OPTIONAL)

The magnet can be installed on the body to separate the rebar from the crushed concrete. (The electromagnet only needs 24V voltage of the excavator to work, without external power supply)



# APPLICATION

## APPLICATION SCOPE

- Demolition work, construction work, civil engineering, road work, mining, dredging, rock work, municipal waste disposal, recycling and reuse and other fields of crushing work.
- The crushing and recycling of construction waste such as concrete, bricks, asphalt concrete, ceramics, glass, etc.
- Crushing work of railway cement sleepers, cement poles, various bridge pier piles, etc.
- Pavement construction and earthwork, excavation engineering, forest road construction, on-site crushing and processing of aggregates, etc.
- The processing of natural stone in quarries, mines, gravel pits, river pebble pits, etc.
- Sand making (using Yichen's special fine-tooth jaws) to meet the needs of construction materials in areas lacking sand.



**JOBSITE**



**QUARRIES**



**ROADWORKS**



**SAND PRODUCTION**



**DEMOLITION**



**RECYCLING**

## CRUSHING OF DIFFERENT MATERIALS

before & after

**CONCRETE**



**BRICK**



**STONE**



**ASPHALT**





# APPLICATION DISPLAY











# COMPANY PROFILE



Ningbo Yichen Environment Tech Co., Ltd. is specializing in excavator attachments and environmental engineering equipment. The company has continued more than 20 years of experience, integrating scientific research, design and manufacturing. Our products are exported to dozens of countries such as the United States, Australia, Britain and Southeast Asia, and are widely used in the fields of new and reconstructed highways, airports, tunnels, bridges, heavy engineering infrastructure and so on. At present, it is a well-known cooperation unit of top 500 enterprises such as State Grid Corporation of China, China Communications Construction, China Railway Construction Corporation, China Railway Group, XuGong Group and Sany group.



+86-0574-28826886



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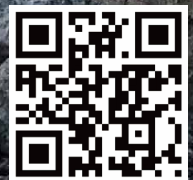
+86-0574-27851020



[info@ycattachments.com](mailto:info@ycattachments.com)



No.380, Chunbai Road, Tongjiaosi industrial Park,  
Fenghua District, Ningbo, China



YICHEN ENVIRONMENTAL  
TECHNOLOGY CO., LTD.