

SINCE 2006



TINPENG



## TUNGSTEN CARBIDE JAW CRUSHER



**ZHUOZHOU TIANPENG INSTRUMENT MANUFACTURING CO., LTD.**  
Website: [www.testmould.com](http://www.testmould.com) Tel:+86-312-3852880

## TUNGSTEN CARBIDE JAW CRUSHER

The Tungsten Carbide Jaw Crusher is widely used in mining, building materials, chemical industry, metallurgy and so on. The Jaw Crusher is suitable for primary and secondary crushing all kinds of minerals and rocks with compressive strength less than 320 MPa.

The jaw board and crushing cavity can be made of stainless steel, corundum, zirconia, tungsten carbide and other materials, and the parts that contact the material can be made of SUS304 stainless steel, PP plate or PTFE plastic.

Using laser cutting, wire cutting, grinder, CNC equipment and other high-precision processing. While achieving the ideal crushing effect such as fine crushing, stable operation and uniform product size, the equipment also has obvious advantages such as high strength, wear resistance, compression resistance, long service life, and safe use.



## ADVANTAGES AND CHARACTERISTICS



### Environmental protection and beautiful

Appearance with a new powder spray design, easy to clean, more beautiful, more durable!



### Fine craftsmanship

Using laser cutting, wire cutting, grinder, CNC equipment and other high-precision processing technology, the processing accuracy is finer, the equipment runs more smoothly, and the service life is longer!



### Run smoothly

The equipment runs smoothly. The noise is as low as 40 decibels, and the broken is quieter!



### Ensure safety

The hopper is equipped with an anti-splash device, which makes it safer for users!



### Built-in dust removal port

The equipment comes with a dust removal port and can be equipped with a dust collector, which meets environmental protection requirements. No dust pollution, more environment friendly and cleaner!



### Environment-friendly materials

The crushing cavity is made of tungsten carbide, free of metal pollution and ultra-low wear. It is suitable for high-standard environmental protection materials to protect against metal pollution and impurity pollution!



### Adjusting device

The body is equipped with a scale adjustment device, and the output size is adjusted by the adjustment device to ensure the accuracy of the sample size, and the output size is less than 1mm!



### Safety device

Equipped with short-circuit, overload, leakage protection and other devices to achieve minor fault tripping, safer to use!



### Factory customization

The manufacturer has independent research and development, production, and customization conditions, and can customize the required products according to environmental protection requirements, site requirements, color requirements, etc.!



### High standard manufacturing

The equipment details are manufactured with ultra-high requirements, reaching the German equipment level, and the lowest price for the same quality!

## APPLICATION AREA

It is suitable for clean crushing of materials to avoid mixing of other elements into the materials. No metal pollution, to ensure the high purity and cleanliness of the material. Widely used in electronics, medicine, ceramics, polysilicon, aerospace, optical glass, batteries, three-base phosphor batteries, new energy, metallurgy, coal, ore, chemicals, building materials, geology and other industries.

Electronic



Medicine



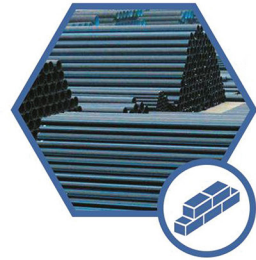
Battery



Ore



Building materials



## TECHNICAL PARAMETER

Model	YHEP-100×60	YHEP-125×150
Feed Opening Size	100×60MM	125×150MM
Feeding Size	<60MM	<120MM
Adjustable Range of Output Size	1-6MM	1-30MM
Capacity	100-200KG/H	200-500KG/H
Rated voltage	380V	380V
Motor Power	1.5KW	3KW
Weight	180KG	350KG
Overall Dimension (L×W×H)	700×500×900(MM)	950×550×1200(MM)
Jaw board optional	High manganese steel, stainless steel, corundum ceramics, zirconia, tungsten carbide Please choose different jaw board according to the material. Prices vary.	

## MULTI MATERIAL JAW PLATE CHOICE OF DIFFERENT APPLICATIONS



### High manganese steel >>>

The most commonly used material, suitable for crushing medium and low hardness materials.



### Stainless steel >>>

It can be considered when handling clean products and avoiding rust during use.



### Corundum ceramics >>>

The crushing cavity adopts a full ceramic structure, which is suitable for crushing high-purity materials without metal pollution.



### Zirconia >>>

No metal pollution, higher strength, more wear-resistant, ultra-low loss, can reduce the color change of the material during the crushing process.



### Tungsten carbide >>>

The hardness is extremely high, close to diamond. The Mohs hardness is as high as 9.5, and the inside of the crushing cavity is made of tungsten carbide.



## APPLICATION EXAMPLES

Glass rod



Quartz



Zinc block



High purity selenium ingot



Shale ore



Industrial silicon



Granite





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## RELATED EQUIPMENT



**Jaw Crusher**



**Double-roll crusher**



**Hammer crusher**



**Vibration mill**



**Disc mill**

Manganese steel,  
stainless steel  
Corundum,  
Zirconia  
Tungsten carbide



### **Joint sample preparation unit**

Jaw crushing and double-roll combined unit, jaw crushing and hammer crushing unit, Double-roll and hammer crushing combined unit, jaw crushing and disc mill combined unit, Hammer crushing and disc mill combined unit

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