



DING BO

# PCZ heavy hammer Crusher

Capacity:150-6000t/h  
Max. Input Size: 1800mm



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# Features

## **Large Feed Size**

The feed particle size can reach 1600mm, the crushing ratio is high, and the output can reach 3000 tons per hour.

## **No Grate Design**

With an output of less than 600 tons per hour, it can be formed in one crush, effectively replacing the jaw crusher and impact crusher, with an output of 1,500 tons per hour.

## **Low Powder Yield**

The unique self-flow groove design of the live liner, the qualified materials whose diameter is smaller than the gap are automatically discharged, reducing the repeated crushing of materials and reducing the powder output rate.

## **Alloy Composite Hammer**

The unique patented technology of rotor disk wear-resistant retaining ring prolongs the life of the rotor.

## **Sufficient Supply of Spare Parts, Worry-free Operation**

Dingbo is the manufacturer, we take responsibility for every machine produced by ourselves. We can offer customers technical services about products and original spare parts to ensure the worry-free operation.



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**Max. Input Size:** 1800mm

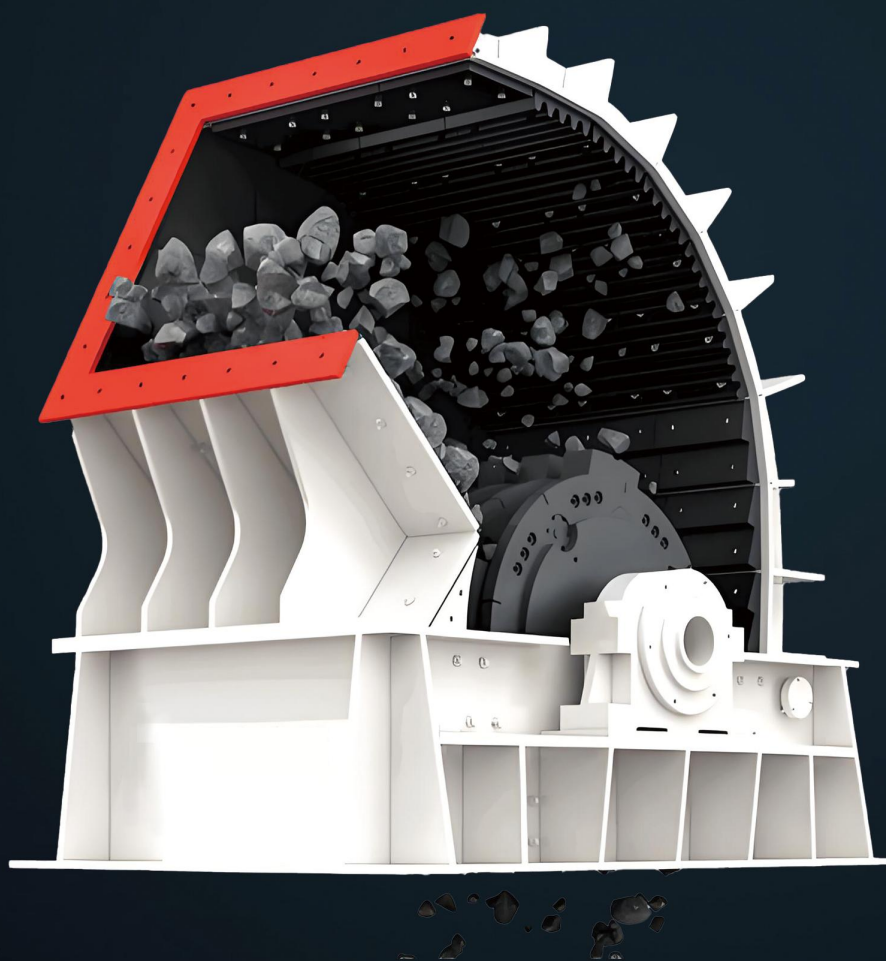
### **Application**

Popular among aggregates, highway construction, railway construction, airport building and some other industries.

### **Material**

Most kinds of rocks, metallic ores, and other minerals, such as granite, marble, basalt, iron ore, copper ore, etc.







# Technical Parameters

Model	Work rotor diameter / length (mm)	Inlet Size (mm)	Feeding size (mm)	Capacity (t/h)	Motor power (kw)	Dimensions (mm)
PCZ-1310	1310*1050	890*1075	≤650	150- 180	160	2950*2250*2495
PCZ-1512	1500*1160	1350*1400	≤750	250- 320	160*2	3260*2624*2750
PCZ-1513	1500*1350	1290*900	≤750	300- 350	180*2	3260*2624*2750
PCZ-1615	1650*1452	1500*1200	≤1000	420- 500	220*2	3667*2937*3436
PCZ-1618	1650*1800	1500*1280	≤1200	570- 670	250*2	3680*3350*3515
PCZ-1620	1660*1900	2000*1200	≤1200	800- 1000	400*2	3667*3200*3436
PCZ-1820	1800*1964	2000*1200	≤1200	1000- 1200	450*2	3700*3270*3515
PCZ-2225	2200*2485	2530*1560	≤1600	2000- 3000	1250	34460*4565*4670
PCZ-3332	3300*3220	3300*1840	≤1800	4500- 6000	(1250kw-6)*2	6710*6122*6340

**Notice:** Any change of technical data shall not be advised additionally.



# WORKING PRINCIPLE

The hammer crusher mainly relies on impact energy to complete the crushing operation of materials. When the hammer crusher is working, the motor drives the rotor to rotate at a high speed, and the material enters the crusher chamber evenly. The high-speed rotating hammer head rushes towards the baffle plate and the sieve bar in the frame, and the material larger than the sieve hole size is retained on the sieve plate and continues to be hit and ground by the hammer until it is crushed to the required discharge particle size and finally discharged out of the machine through the sieve plate .





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