

# PC Series Hammer Crusher



The stuff is crushed by impact between hammer and stuff. The crusher has the features of simple structure, high crushing ratio and productivity, etc. The stuff can be crushed in dry and wet ways. This hammer crusher is suitable for mining, cement, coal, metallurgy, construction material, road, etc. It is adopted to crush mid-hard and fragile materials. The grizzly bars can be adjusted according to customers' special requirements to satisfy them.







## ■ Operating principle

In the hammer mill machine, the motor drives the rotor to rotate at a high speed through the belt, and on the rotor there are series of hammers. When the materials get into the working area of hammers, the rotating hammers with high rotation speed are crushing them, the crushed products meeting the required size can be discharged by the outlet and become the final products, the large size products are brought back to the crushing area by the hammers for being re-crushed until they reached the required size.



## Main parts







If the grizzly bars (charged additionally) under the machine are curving, move the upper cover and straighten them, so they can be used again. They can be changed if damaged heavily.

Lining plate, grizzly bars, impact plate should be changed in time in order not to damage the cover or make the final size too big. If the hammer is damaged, change its direction at the first time, and the small shaft direction can be adjusted at the second time, new hammer should be used if damaged again. Weight of four small shafts should be equal when changing the hammer to prevent vibration.



Name	Model	Max feed size (mm)	Handling capacity (t/h)	Power of motor (kW)	Weight (t)
hammer crusher (hammer mill)	PC400×300	30	5-8	11	1.5
	PC600×400	100	10-15	18.5	3
	PC800×600	150	20-25	55	7
	PC800×1000	280	20-50	110	12
Circuit Type Hammer Mill	PCH0606	200	18-30	30	17
	PCH0808	250	30-50	45	29
	PCH1010	300	45-80	90	52

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



### Screening & Washing

Sand Washing Machine  
Circular Vibrating Screen

### Feeding & Conveying

Belt Conveyer  
Vibrating Feeder

### Crushing

Jaw Crusher  
Impact Crusher  
Hammer Crusher  
Spring Cone Crusher  
Hydraulic Cone Crusher  
VSI Sand Making Machine  
PCL Sand Making Machine  
European Type Jaw Crusher  
PYS Symons Cone Crusher  
Mobile Crushing & Screening Plant

### Grinding Plant

Ball Mill  
Raymond Mill  
High Pressure Suspension Mill  
MSB series Coarse Powder Mill  
Super Pressure Trapezium Grinding Mill  
HGM Three-Rings & Medium-Speed MicroPowder Mill

### New Production Technics

Grinding Production Line  
Sand Making & Washing Plants  
Stone Crushing & Screening Plants  
Manufactured Sand Processing Chart  
Construction Waste Crushing Technics  
Basalt Aggregate for Express Highway Processing Technics

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