

# PCZ Hammer Crusher

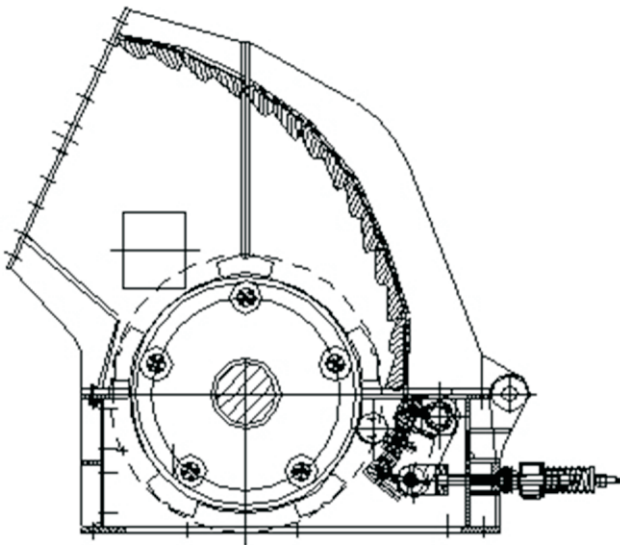
Operating Instruction



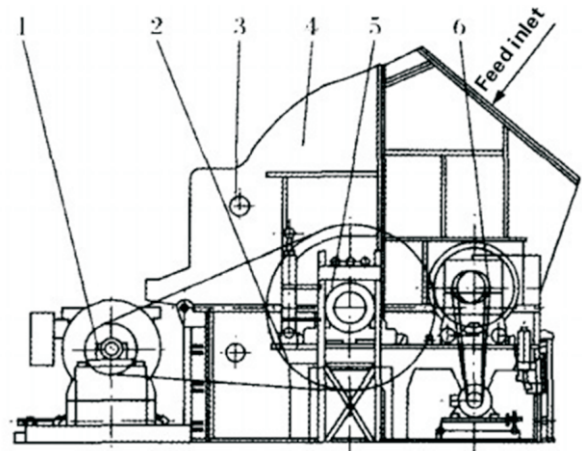
Henan Shibo Heavy Machinery Co., Ltd.

## Overview

PCZ type hammer mill crusher has large feeding size and small discharging size, and can change secondary crushing to primary crushing. The single hammer of PCZ type hammer crusher machine has large weight, and rotor speed is reasonable, which fully embodies the advantages of crushing light material with heavy hammer, and has a unique super ability to erode the stone crusher.



The final products can be adjusted according to the demands of the customers and the specifications of coarse, medium and fine particles are complete; and there are no flaky or smooth particles but plenty of angular particles to ensure the compression strength of the final products, so that they are very suitable for the construction of highway, buildings and large-sized projects.



1.drive section 2.discharging perforated strainer 3.crushing plate  
4.shell 5.rotor 6.feeding roller

## Features

PCZ heavy hammer crusher is especially suitable for crushing limestone and medium hard stone materials whose compression strength is less than 200Mpa. PCZ heavy hammer crusher can crush the

stone materials for one time without secondary-stage crushing and reshaping process, so that it can reduce the production cost by about 40% and the energy consumption is low and the investment is reduced.

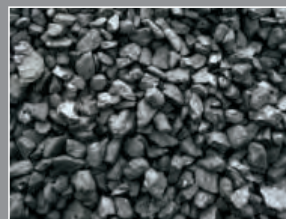
✓ Applied material:



Alunite



Gypsum stone



Coal



Coal gangue

## Technical data

Model	Rotor diameter ×length (mm)	Feed opening Length×width (mm)	Feeding size (mm)	Production capacity (t/h)	Power (kw)	Total weight (t)
PCZ1310	1300×1000	1020×750	≤600	100-180	132	16.2
PCZ1510	1500×1000	1530×850	≤700	200-250	110×2	24.3
PCZ1515	1500×1500	1530×900	≤750	260-350	132×2	30.1
PCZ1616	1600×1600	1640×1200	≤1000	500-600	220×2	39.8
PCZ1818	1800×1800	1850×1400	≤1200	650-800	280×2	63.6

## Features

Processing ability: 100-800t/h

Get Latest Price

Inlet size: 1020×750-1850×1400 mm

Feeding size: ≤600-≤1200 mm

Power: 110-280 kw

Applied material: limestone, granite, cobble, dolomite, bluestone, iron ore, construction waste, glass, cement clinker, etc

## Advantages

Large hammer pin diameter, heavy hammer head, high crushing line speed and other striking features, as well as large feeding granularity, large crushing ratio, low maintenance costs, etc.

## Working principle

The electromotor drives the rotor to rotate with high speed in the crushing chamber. The materials are fed into the machine from the upper feeding mouth and are crushed under the hitting, impacting, cutting and grinding of the hammer which is moving with high speed. On the bottom of the rotor, there is sieve plate and the crushed materials that is smaller than the screen size are discharged from the sieve plate, and the coarse particles bigger than the screen size are retained on the sieve plate to be hit and ground again by the hammer and finally be discharged from the machine from the sieve plate.





HENAN SHIBO  
HEAVY INDUSTRIES



China Largest Mining  
Machinery Manufacturer

✉ E-mail: [sales@sbecrusher.com](mailto:sales@sbecrusher.com)

☎ Telephone: +86-371-55912969

📍 Address: Wulong Industrial Park,  
Zhengzhou City, Henan Province,  
China