

Operating Instruction

HAMMER CRUSHER

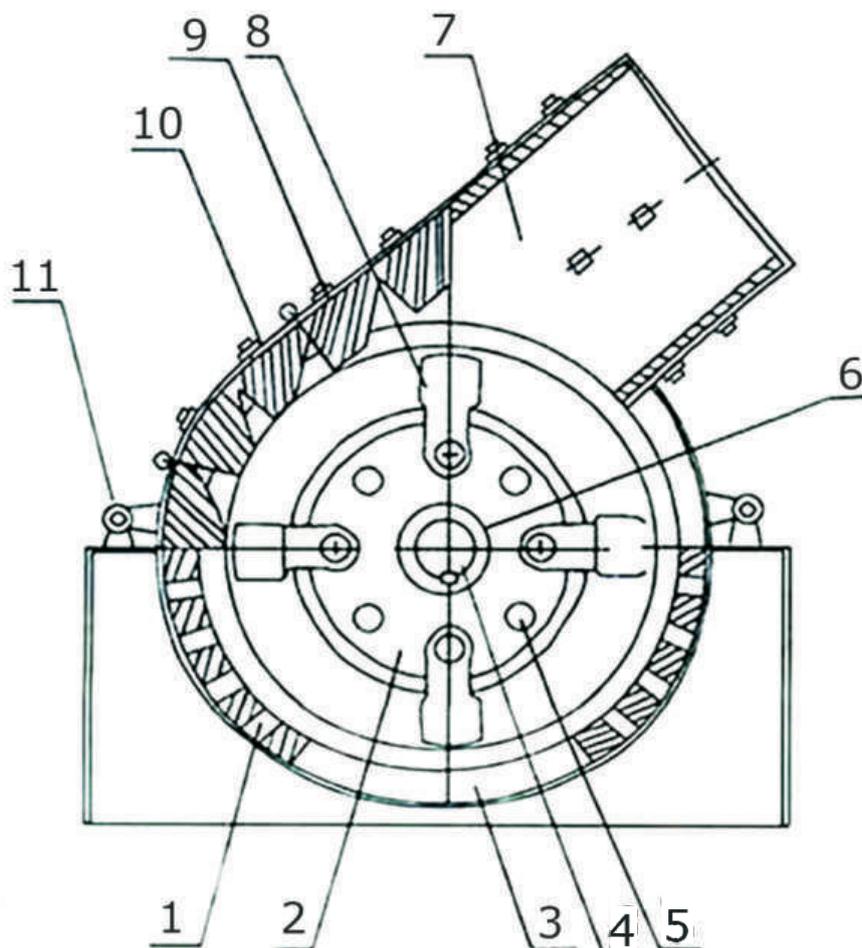


Henan Hongxing Heavy Machinery Co., Ltd.

The Handling Materials of Hammer Crusher:

Hammer crusher is used for crushing medium hard materials with weak abrasiveness, and the compression strength of the materials to be crushed should not exceed 100MPa, and the water content

should be lower than 15%. The materials of hammer crusher are coal, salt, chalk, gypsum, tile and limestone and also fiber structure and broken wood and paper with strong elasticity and tenacity.



1. Sieve palte
2. Rotor plate
3. Outlet
4. Center shaft
5. Studdle
6. Supponing ring
7. Feed nozzle
8. Hammer
9. Imact plate
10. Scleboard
11. Linder

The Application and Usage of Hammer Crusher:

Hammer crusher, which is also called hammer mill or hammer crusher machine, is widely used for crushing the medium hard and crisp materials in

mine, cement, coal, metallurgy, building material, highway and chemical industry.

The Inner Structure of Hammer Crusher:

Hammer crusher is composed of machine box, rotor, hammer, impacting lining board and screen board. According to the requirement of the customers,

this equipment can adjust the gap between the grating bars to change the discharging granularity. Welcome to Hongxing Machinery for visit and purchase.

Characteristics:

Processing ability: 5–150 t/h

Inlet size: 1020×750–1850×1400 mm

Feeding size: ≤600–≤1200 mm

Applied material: limestone, granite, cobble, dolomite, bluestone, iron ore, construction waste, glass, 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.

Technical data :

Specifications (mm)	Feeding Size (mm)	Discharging size (mm)	Capacity (m ³ /h)	Power (kw)	Total weight (t)	Dimensions (L×W×H) (mm)
PcΦ400×300	≤200	≤25	5-10	11	0.8	900×670×860
PcΦ600×400	≤250	≤30	10-22	22	2.26	1200×1050×1200
PcΦ800×600	≤250	≤35	18-40	55	4.8	1310×1180×1310
PcΦ1000×800	≤350	≤35	25-50	75	5.9	1600×1390×1575
PcΦ1000×1000	≤350	≤35	30-55	90	8	1800×1590×1775
PcΦ1250×1250	≤350	≤35	35-65	132	14	2060×1600×1890
PcΦ1400×1400	≤350	≤35	50-100	280	32	2365×1870×2220
PcΦ1600×1600	≤350	≤35	100-150	480	37.5	3050×2850×2800

Features

1. The working hammer adopts new technology for casting, so that it is wear resistant and impact resistant.
2. The granularity can be adjusted according to the requirement of the customers.
3. Hammer crusher has a sealed structure which solves the problems of powder dust pollution in the crushing workshop and ash leakage of the machine.
4. This crusher has the advantages of attractive appearance, compact structure and few easy-wearing parts and convenient maintenance.

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