

Hammer Mill

The **Hammer Mill**(Hammer Crusher) crushes by the collisions between high-speed hammer and material, and the hammer crusher features in its simple structure, high reduction ration, high efficiency, etc. The PC hammer crusher was developed for both dry and wet crushing of brittle, medium-hard materials for the mining, cement, coal, metallurgic, construction material, road building, and petroleum & chemical industries.

Application Of Hammer Mill:

The PC hammer crushers were developed for the both dry and wet crushing of brittle, medium-hard materials for the mining, cement, coal, metallurgic, construction material, road building, and Petroleum & Chemical industries.

Hammer Crusher Features:

1. Stones stricken by stones crushing cavity;
2. Hammer head is wearable;
3. Intensity of principal axis is higher;
4. Discharging granularity is fine and equality;
5. Easy maintenance;
6. Reliable operation.

Operating principle of Hammer Mill:

The main working part of hammer crusher is rotors with hammer. The rotors consist of main shaft, disk, pin shaft and hammers. The motor drives the rotors to rotate quickly in the crushing cavity. Raw materials enter the crusher through the feed opening and are stricken, impacted, cut and ground by the high-speed hammer to small size. There is a screening plate under the rotor, so that materials with size smaller than the screen mesh will be screened out and others are left to be further hammered and ground until reach the standard size. The size of the final product can be adjusted by changing the screening plate. The gap between the rotors and the screening plate can also be adjusted according to different requirement.

Technical Data Of Hammer Mill:

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

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