

▶ Hammer Crusher

Principle

Hammer Crusher is composed of rack, rotor, sieve bar, hammer, etc. Motor drives rotor through transmission belt, and materials are crushed due to the collision between hammer and materials produced by the rotation of rotor.

Application

Hammer Crusher is suitable for crushing materials such as coal, gypsum, alum, and limestone. The compressive strength of materials is no more than 1000 kg/cm², and the humidity is no more than 15%.



Technical Parameters

Model	Rotation Diameter (mm)	Discharge Size (mm)	Max. Feed Size (mm)	Capacity (t/h)	Power (kW)
PC-φ600×400	φ600	10~30	100	12~15	18.5
PC-φ600×600	φ600	10~30	100	12~18	30
PC-φ800×700	φ800	10~45	200	13~35	37
PC-φ800×800	φ800	10~45	200	13~40	37
PC-φ1000×1000	φ1000	8~60	300	30~80	55
PC-φ1000×1300	φ1000	8~60	200	35~100	110
PC-φ1000×1500	φ1000	8~60	300	40~100	132
PC-φ1200×1600	φ1200	10~70	500	100~250	160

▶ Impact Crusher

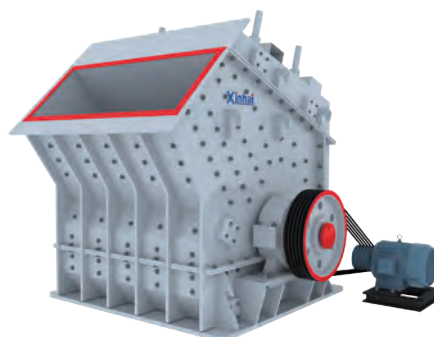
Principle

Materials are crushed by impact force. The motor drives high-speed rotation of rotor; materials collide with plate hammer on the rotor, and are crushed due to the high-speed impact of plate hammer; materials affected by crushing will be struck back on lining plate to crush again; finally they will be discharged from outlet.

Adjustment of the clearance between back striking rack and rotor rack can change discharge size and material shape.

Application

Impact crusher is used in metallurgy, mining, cement, chemical, refractory materials and ceramic industry, as well as the highway construction, water conservancy project, crushed stone in architecture, mechanism sand processing, etc.



Technical Parameters

Spec. & Model	Rotor Diameter (mm)	Outlet Clearance (mm)	Max. Feed Size (mm)	Capacity (t/h)	Motor Power (kW)
PF-φ1000×700	φ1000	≤ 30	250	15~30	37
PF-φ1000×1000	φ1000	≤ 45	250	30~80	75
PF-φ1200×1000	φ1200	≤ 45	300	60~120	110
PF-φ1200×1400	φ1200	≤ 50	300	100~160	132
PF-φ1300×1500	φ1300	≤ 50	300	100~250	220