

▶ 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 |