

## Features of Jaw Crusher

### 颚式破碎机性能及特点》》

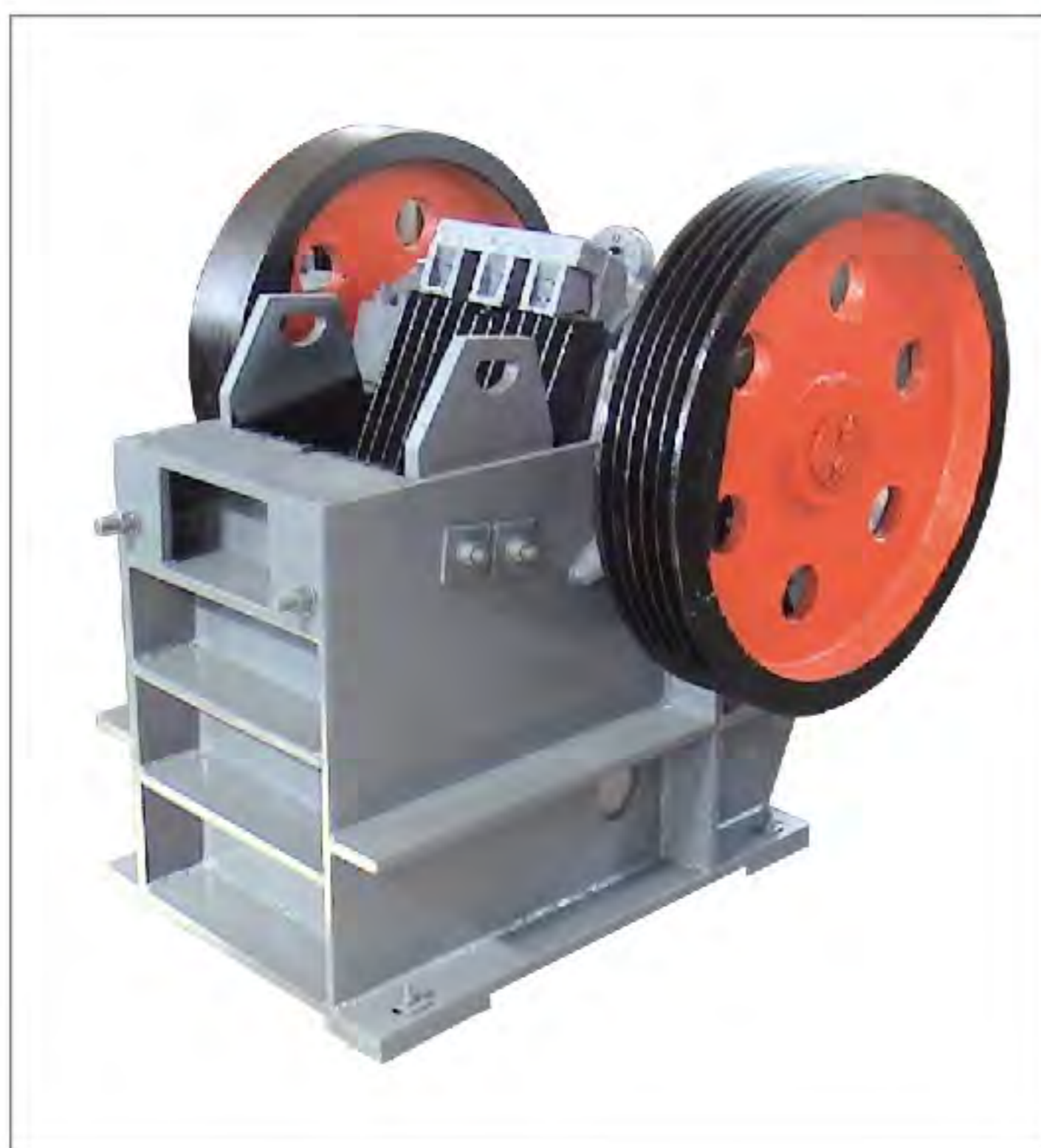
颚式破碎机具有破碎比大、产品粒度均匀、结构简单、工作可靠、维修简便、运营费用经济等特点。

Jaw crusher is featured by high crushing ratio, uniform particle size, simple structure, reliable performance, easy maintenance and economic operation.

## Performance and Parameter

### 性能及参数》》

常见中小型号 Type	进料口尺寸 (mm)Opening Size	进料粒度 (mm)Feed Size	排料口调整范围 Output Open Range	功率 Power(Kw)	产量 (t/h)Capacity
PE150x250	150x250	125	10-40	5.5-7.5	1-5
PE200x350	200x350	125	15-40	7.5-11	5-16
PE250x400	250x400	210	20-60	15-18.5	5-20
PEX250x400	250x400	210	≤12	15-18.5	5—10



## Jaw Crusher

### 颚式破碎机》》

颚式破碎机主要用于冶金、矿山、化工、水泥、建筑、耐火材料及陶瓷等工业部门。适宜破碎抗压强度不高于320MPa（兆帕）的各种软硬矿石。可从事物料的中碎和细碎作业。

Jaw crusher is mainly used in the industries of metallurgy, mining, chemical, cement, construction, refractory materials and ceramics, suitable to crush hard and soft ores with compressive strength less than 320 MPa. This machine can break materials into medium size and fine size.



## Working Principle

### 颚式破碎机工作原理》》

颚式破碎机主要由机座、偏心轴、颚板、连杆、调节机构与闭锁弹簧等部分组成。

电动机驱动皮带和皮带轮，通过偏心轴使动颚上下运动，当动颚上升时肘板与动颚间夹角变大，从而推动动颚板向固定颚板接近，与其同时物料被压碎或劈碎，达到破碎的目的；

当动颚下行时，肘板与动颚夹角变小，动颚板在拉杆，弹簧的作用下，离开固定颚板，此时被破碎至所需尺寸的物料从破碎腔下口排出。随着电动机连续转动，破碎机动颚作周期性压碎和排泄物料，实现批量生产。

Jaw crusher mainly consists of frame, eccentric shaft, jaw plate, connecting bar, adjustment part and spring.

The movable jaw goes upward and downward through eccentric shaft when belt and belt wheel are driven by the motor. The angle between movable jaw and bracket turns big when the movable jaw goes upward, which pushes the movable jaw plate to come closely to fixed jaw plate. At the same time, materials are crushed with the movement of the movable jaw.

When the movable jaw goes downward, the angle between movable jaw and bracket turns small. Under the force of spring and connecting bars, the movable jaw plate leaves fixed jaw plate, and the crushed materials with qualified size are discharged from the crushing cavity. With the continuous rotation of the motor, the movable jaw crushes and discharges materials, which, in turn, realizes the goal of mass production.

