

# 重锤式破碎机

## Heavy hammer crusher

### 特点与适用范围

#### Characteristics and scope of application

PCF 系列重锤式破碎机为我公司最新开发的大型破碎生产线配套产品，主要针对抗压强度 $\leq 180\text{MPa}$ 的大粒径中硬物料破碎而设计。破碎过程以垂直反击为主，通过物料与锤头、物料与反击板、物料与石料的互相撞击、挤压、剪切等作用力将物料进行破碎，从而达到产量高粒型好的破碎效果。

PCF series heavy hammer crusher is the latest large-scale crushing production line supporting products developed by our company, and is mainly designed for crushing hard material of big particle size with the compressive strength of  $\leq 180\text{MPa}$ . The crushing process is mainly vertical counterattack. The material is crushed by the action of impact, extrusion and shearing of the material and the hammer, the material and the counter plate, the material and the stone, so as to achieve excellent crushing effect of high yield and good particle shape.

该产品与同类产品相比存在机型大、产量大、进料粒度大、破碎比大、能耗低、结构简单、维护方便、磨耗低等特点。同时采用本产品可以实现一次破碎，大大的简化了生产工序、节约生产用地、大幅减少工程量，因此在设备选型和使用上更为经济合理。本设备配有整形腔，可以有效控制物料的针片状含量，物料粒型完美，可以直接生产高等级公路及建筑用石料。

Compared with similar products, this product has the characteristics of large size, high yield, big feeding particle size, high crushing ratio, low energy consumption, simple structure, convenient maintenance, low abrasion and so on. In addition, the product can realize one-time crushing, which can greatly simplify the production process, save the production land, greatly reduce the engineering quantity. Therefore, it is more economical and reasonable in model selection and use of the equipment. The device is provided with shaping cavity to effectively control the content of needle-like material. The material grain type is perfect. In addition, it is capable of directly producing stone for high-grade highway and building.

适用范围：广泛应用于冶金、矿山、水泥、化工、高等级公路集料等的抗压强度 $\leq 180\text{MPa}$ 大粒径中硬物料破碎。

Scope of application: It is widely used for crushing hard material with large particle size and the compressive strength of  $\leq 180\text{MPa}$  in industries such as metallurgy, mine, cement, chemical industry, high-grade highway etc.

### 性能特点

- 1、具有入料粒度大，细碎比大，效率高；
- 2、结构简单，装配紧凑，重量较轻；
- 3、产品粒度均匀，过碎粉少；
- 4、维修方便，磨损小；
- 5、电耗低等优点，是作为中、细碎的破碎设备。

### Performance characteristics

1. Bid feeding particle size, high crushing ratio and high efficiency;
2. Simple and compact structure, light weight;
3. Uniform particle size and less over-crushing powder;
4. Convenient maintenance and low wear;
5. Low power consumption, it is the equipment for medium and fine crushing.

### 主要技术参数/Main Technical Parameters

规格型号 Type	转子规格 ROTOR(mm)	进料口尺寸 Feed opening(mm)	最大进料粒度 Max Feed Size(mm)	生产能力 Process Capacity(T/ H)	电机功率 Power(KW)	外形尺寸 Dimensions (L x W x H)
PCF1220	Φ1220x2000	2000x920	250	300-500	250x2	3080x3380x2580
PCF1420	Φ1400x2000	2000x1000	350	400-600	250x2	3365x3310x3156
PCF1615	Φ1580x1560	1500x1000	350	200-400	200x2	3497x2861x3050
PCF1620	Φ1600x2000	2000x1100	1000	400-1000	400x2	3928x3492x3873
PCF1818	Φ1800x1800	1850x1520	1000	360-550	280 x 2	4056x4158x5036
PCF1820	Φ1800x2000	2000x1200	1000	600-1300	450x2	3474x3822x3520
PCF2020	Φ2000x2000	1700x1100	1200	610-800	355x2	4302x4147x5468
PCF2123	Φ2100x2300	2150x1750	1200	740-990	500x2	4478x4593x5861
PCF2426	Φ2400x2600	2450x1860	1500	450-550	630x2	4762x5452x6138