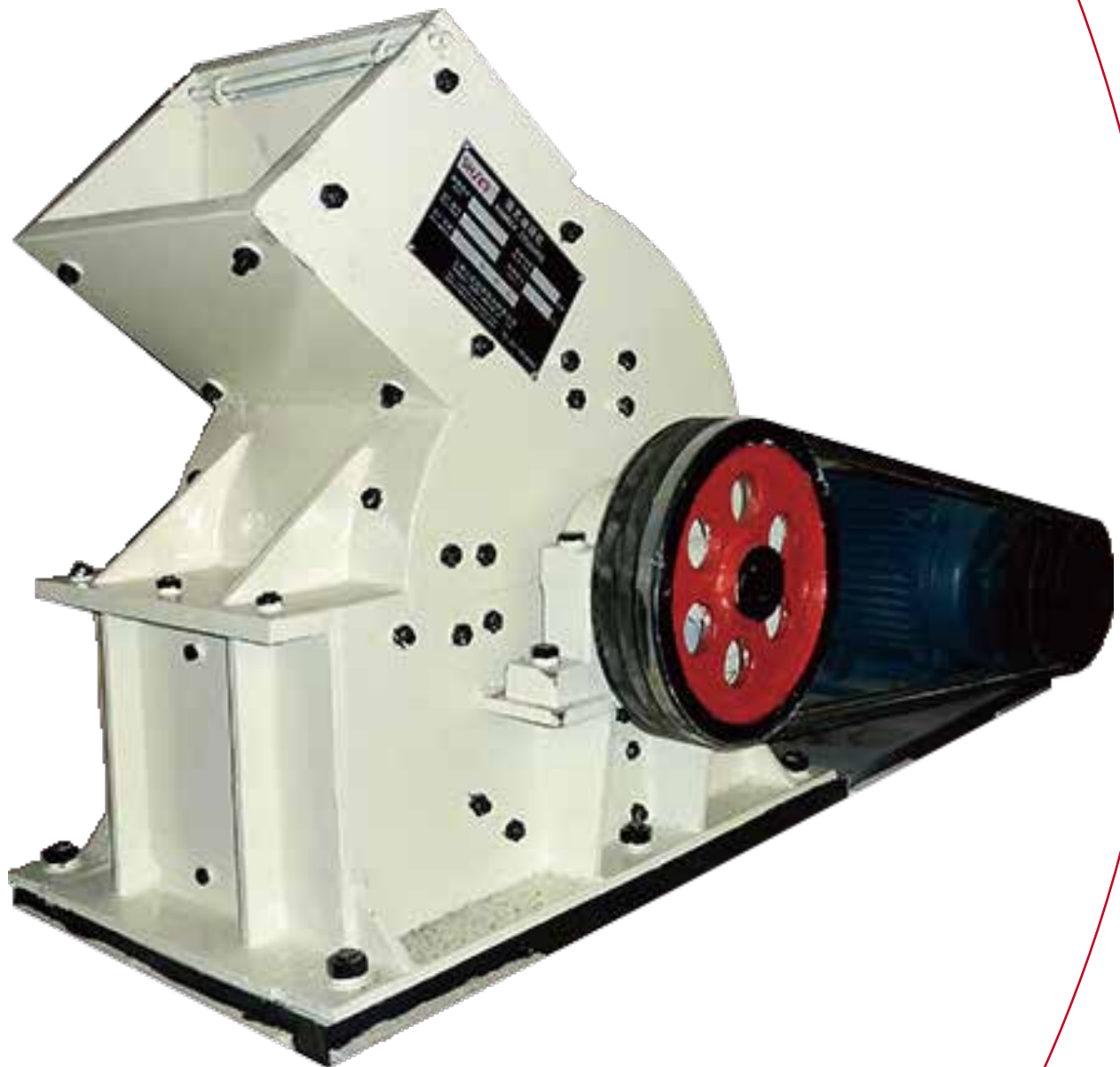


**SHUKY**

**锤式破碎机**

**Hammer Crusher**



# 01 产品简介

## Brief Introduction



锤式破碎机是直接将粒度为600-1800毫米的物料破碎至25或25毫米以下的一段破碎用破碎机。锤式破碎机适用于在水泥、化工、电力、冶金等工业部门破碎中等硬度的物料，如石灰石、炉渣、焦炭、煤等物料的中碎和细碎作业。

Hammer crusher is a crushing machine with a maximum particle size of 600-1800 mm crushing to 25 or less than 25 mm. Hammer crusher is suitable for secondary and fine crushing of materials such as limestone, slag, coke, coal and other medium hardness materials in the cement, chemical, power, metallurgy and other industrial sectors.

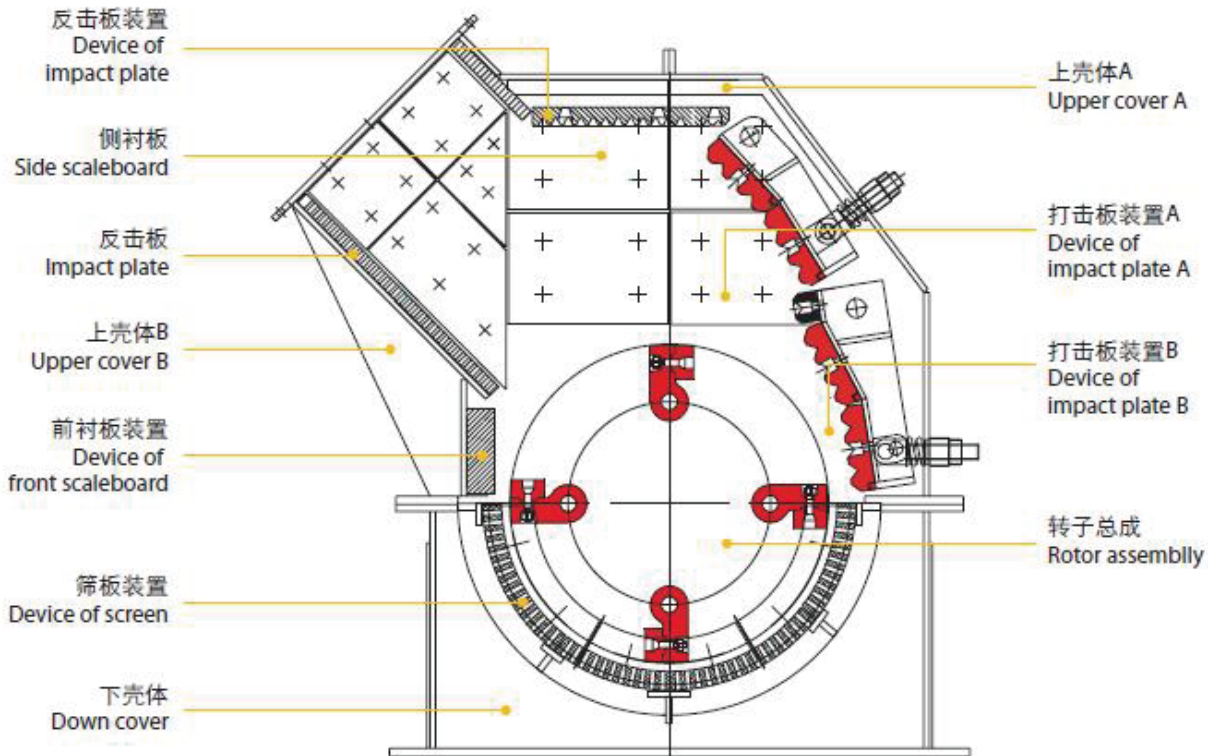
Hammer crusher mainly rely on impact energy to complete the work of crushing materials. When the hammer crusher is working, the motor drives the rotor to rotate at high speed, and the material enters the crusher chamber evenly. High speed rotary hammer impacts, shears and tears material so that the material is crushed. At the same time, the role of the gravity of the material makes the material from high-speed rotation of the hammer rushing to baffle and sieve material in the frame body. The material larger than the size of the screen remain in the sieve plate and continue to be hit by hammer and grinding, until being crushed to the required size, and discharge from the machine finally through the sieve plate.

# 02 性能特点 Features

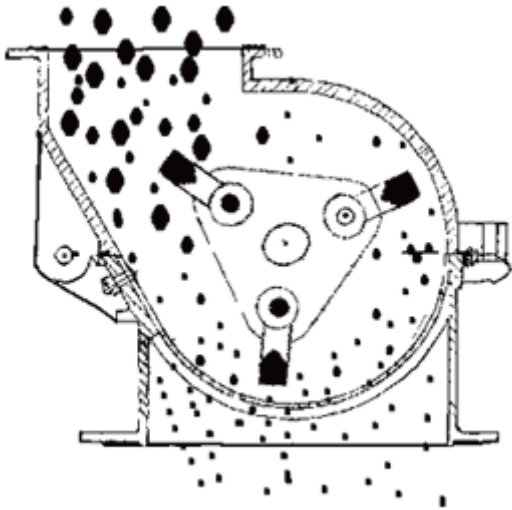
- 1、适用性强：破碎比大，生产效率高，适用性强，可据客户要求，调节需要的粒度。
  - 2、高效环保：无筛网筛底，对物料含水率没有要求，不存在糊堵筛板的问题，更不存在物料不能及时排出，重复粉碎的问题；锤破机体结构密封，解决了破碎车间的粉尘污染和机体漏灰问题。
  - 3、结构简单：整体设计造型美观、结构紧凑，易损件少，维修方便等优点，是升级换代产品。
  - 4、工艺先进：轴承盒全部用铸钢件制造，并用四个螺丝固定，科学实用；工作锤头采用新工艺铸造，具有耐磨、耐冲击。
- (1)Working hammer, adopts new technology casted, with the feature of wear resistance and impact resistance.
- (2)According to the requirements of customers, adjust the required size.
- (3)The structure of the hammer body is sealed, so as to solve the problem of dust pollution and ash leakage in the crushing workshop.
- (4)The overall design of beautiful appearance, compact structure, less wearing parts, convenient maintenance and other advantages, is the upgrading of products.



# 03 产品结构 Internal Structure



## 04 工作原理 Working Principle



锤式破碎机主要由机壳、转子、承击铁和篦条等部件组成，机壳分上下两部分，钢板切割后焊接而成，其余各部分用螺栓连接成一体。机壳内部镶有高锰钢衬板，磨损后可以更换。锤式破碎机主轴上安装有数组规则分布的锤子，与转盘及穿锤轴组成转子。

通过电机、三角皮带带动主轴，从而使转子旋转，锤子受到旋转时所产生的离心力向四周伸开，大块物料从进料口进入破碎腔之后，便被高速运动的锤子击碎。破碎合格的物料则由下部有缝隙的篦条排出，不合格的则留在破碎腔内，被锤子和承击铁块反复作用，直至能够排出。

In the hammer mill machine, the motor drives the rotor to rotate at a high speed through the belt, and on the rotor there are series of hammers. When the materials get into the working area of hammers, the rotating hammers with high rotation speed are crushing them, the crushed products meeting the required size can be discharged by the outlet and become the final products, the large size products are brought back to the crushing area by the hammers for being re-crushed until they reached the required size.

## 05 技术参数 Technical Parameters

规格型号 Model	进料粒度 Feeding Size (mm)	出料粒度 Output Size (mm)	产量 Capacity (m <sup>3</sup> /h)	电机功率 Motor Power (kw)	重量 Weight (t)	外型尺寸 (长*宽*高) (mm)
PCΦ400×300	≤200	≤25	5-10	11	0.8	900*670*860
PCΦ600×400	≤250	≤30	10-22	22	2.26	1200*1050*1200
PCΦ800×600	≤250	≤35	18-40	55	4.8	1310*1180*1310
PCΦ1000×800	≤350	≤35	25-50	75	5.9	1600*1390*1575
PCΦ1000×1000	≤350	≤35	30-55	90	8	1800*1590*1775
PCΦ1250×1250	≤350	≤35	35-65	132	14	2060*1600*1890
PCΦ1400×1400	≤350	≤35	50-100	280	32	2365*1870*2220
PCΦ1600×1600	≤350	≤35	100-150	480	37.5	3050*2850*2800





地址：上海市浦东新区金海路1000号

电话：021-66039988

传真：021-66030508

邮编：201206

网址：[www.shunky.com](http://www.shunky.com) [www.shunky.cn](http://www.shunky.cn)

Email：[Service@shunky.com](mailto:Service@shunky.com)



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