

反击式破碎机

Impact Crusher

产品描述

本系列产品能处理粒度不大于500毫米、抗压强度不超过320兆帕的各种物料。具有破碎比大、破碎效率高、产品形状呈立方体、可选择性破碎等特点。是高速公路和水电建设以及机场、建筑等行业理想的骨料加工设备。

Product Description

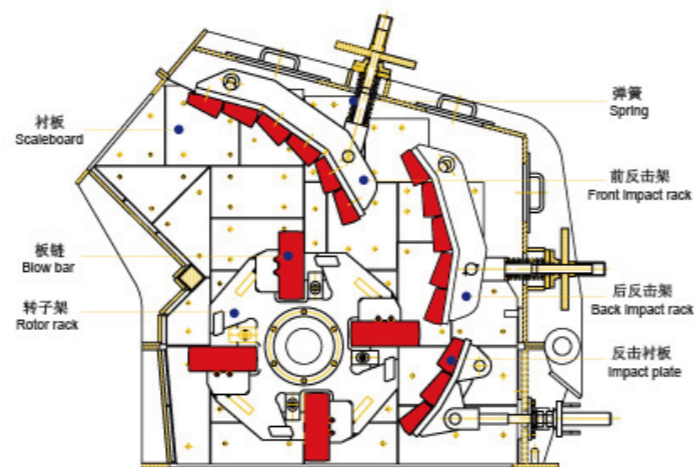
These series of impact crushers are designed for crushing ores and rocks with particle sizes less than 500mm and compression strength no more than 320MPa. It has features of big crushing ratio, high-efficiency crushing, cubic shape, selectable crushing, etc. It is widely used in highway, hydropower construction, airport and building industries.

工作原理

反击式破碎机是一种利用冲击能来破碎物料的破碎机械。本机工作时，在电动机的带动下，转子高速旋转，物料进入板锤作业区时，与转子上的板锤撞击破碎，后又被抛向反击装置上再次破碎，然后又从反击衬板上弹回到板锤作业区重新破碎，此过程重复进行，物料由大到小进入一、二、三反击腔重复进行破碎，直到物料被破碎至所需粒度，由出料口排出。调整反击架与转子之间的间隙可达到改变物料出料粒度和物料形状的目的。

Working Principle

The impact crusher crushes materials with impact force. When the materials enter the blow bar area, they are crushed due to the high-speed impact of the blow bar and are thrown to the impact plates on the rotor for secondary crush. Then the materials will be shot back to the blow bar again for the third crush. This process repeats until the materials are crushed to the required size and discharged from the lower part of the machine. The size and shape of the finished powder can be changed by adjusting the gap between the impact rack and rotor support. The machine employs self-weight security device in its back frame. When other objects enter the impact cavity, they will be forced out of the machine by the impact rack in the front and back of the machine.



产品优势和特点

高效节能；结构独特，无键连接；高铬板锤，独特的反击衬板；产品形状呈立方体，无张力裂缝，粒形较好，排料粒度大小可调，简化破碎流程；维修简单，操作可靠。

Advantages and Features

Efficient and energy saving; special structure, connected without key; high chrome hammer, unique impact liner; cubic shape of product, adjustable output size; easy maintenance, reliable operation.



主要技术参数 (Main technical parameters)

型号 Model	规格 Specification (mm)	进料口尺寸 Feeding Opening Size (mm)	最大进料边长 Max. Feeding Length (mm)	处理能力 Capacity (t/h)	功率 Electric Motor Power (kw)	重量 Weight (t)	外型尺寸 Overall Dimension (mm)
PF-1007	1000×700	400×730	300	35-50	55	7	2400×1560×2660
PF-1010	1000×1050	400×1080	350	50-90	75	11	2532×1985×2196
PF-1210	1250×1050	400×1080	350	80-130	110	14	2638×2037×2713
PF-1214	1250×1400	400×1430	350	90-180	132	19	2580×2400×2810
PF-1315	1320×1500	860×1520	350	160-250	200	24	2840×2748×2556
PF-1320	1320×2000	860×2030	500	250-350	300	30	2900×3200×3250