

PE系列颞式破碎机

PE Series Jaw Crusher



破碎比大、产量高、成品粒度均匀
寿命长，耐磨，粉尘少，噪音小

high crushing ratio, high capacity, cubical final product size
wearable and with long life service
environmental friendly, little noise and dust

产品简介
Product Introduction

颞式破碎机俗称颞破，是矿山机械行业中最常用的设备之一。颞破通常被用于物料的粗碎及中碎作业，具有破碎比大、产量高、成品粒度均匀、结构简单、工作可靠、维修简便等特点。大中型颞破是我公司的主打产品之一，无论从技术上还是加工工艺上来说都已达到世界先进水平。

Jaw crusher is one of the most commonly used equipments in mining machinery. Jaw crusher is generally used for primary crushing, which has many advantages, such as high crushing ratio, high capacity, cubical final product size, simple structure, easy maintenance and so on. Large and medium-sized jaw crusher is one of the leading products of our company, we have reached the advanced world level in both technology and processing technic.

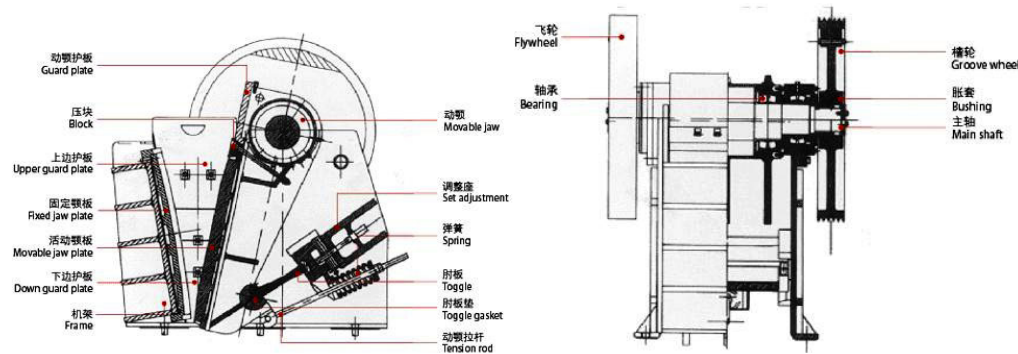


主要结构 Main Structure

适用范围 Application Range

PE系列颞式破碎机主要由机架、偏心轴、大皮带轮、飞轮、动颞、侧护板、肘板、肘板后座、调隙螺杆、复位弹簧、定颞板与动颞板等组成，其中肘板的作用类似电路中的保险丝，当破碎腔中不小心进入大件且坚硬物质时肘板断裂，坚硬物直接流出。

1. 该系列破碎机主要用于建材，公路，铁路，水力，化学，冶金、矿山、化工、水泥、建筑、耐火材料及陶瓷等工业部门作中碎和细碎各种中硬矿石和岩石用。
Jaw crusher is widely used in construction, highway, railway, chemical industry, hydraulic power, metallurgical industry, mining industries, etc.



2. 该系列破碎机最适宜于破碎抗压强度不高于300MPa (兆帕) 的各种软硬矿石，被破碎物料的最大块度不得大于技术参数表所规定。

The largest compression resistance of the material to be crushed is 300MPa. The largest block of material to be broken shall be not greater than What the technical data requires.

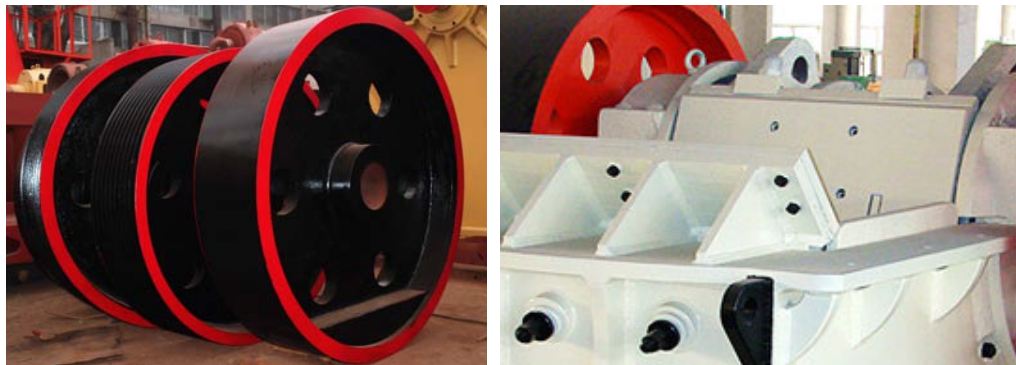
PE jaw crusher consists of frame, eccentric shaft, pulley, jaw stock, toggle plate, toggle seat, spring, fixed jaw, movable jaw and so on. The toggle plate plays an important role in jaw crusher. When there are something large and hard in the machine, the toggle plate will break and hard material will directly flow out from jaw crusher



性能特点

Features

- 1.深腔颞破，破碎比大；
Deep crushing cavity and high crushing ratio;
- 2.易损件寿命长，耐磨；
Spare parts are wearable and with long life service;
- 3.节能环保，粉尘少，噪音小；
Energy-saving and environmental friendly, little noise and dust;
- 4.制造工艺精密领先，对于主轴、易损件、轴承之类的核心部件采用热处理工艺；
Advanced processing technic, the core components, such as eccentric shaft and spare parts, adopt the heat treatment;
- 5.大型颞破严格使用焊接架，保证产品使用可靠；
The large jaw crusher adopts welding technology to ensure the machine reliable;
- 6.产品都有吊装钩，方便吊装。
It is easy to vertical loading with the lifting hook.



工作原理

Working Principle

无论何种系列的颞破，其工作方式均为驱动挤压型，工作原理也都相同：电动机驱动皮带和皮带轮，通过偏心轴使动颞上下运动，当动颞上升时肘板与动颞间夹角变大，从而推动动颞板向定颞板接近，在此同时物料被挤压，达到破碎的目的；当动颞下行时，肘板与动颞夹角变小，动颞板在拉杆、弹簧的作用下，离开固定颞板，此时已破碎物料从破碎腔下口排出。随着电动机连续转动而破碎机动颞作周期运动压碎和排料，实现批量生产。

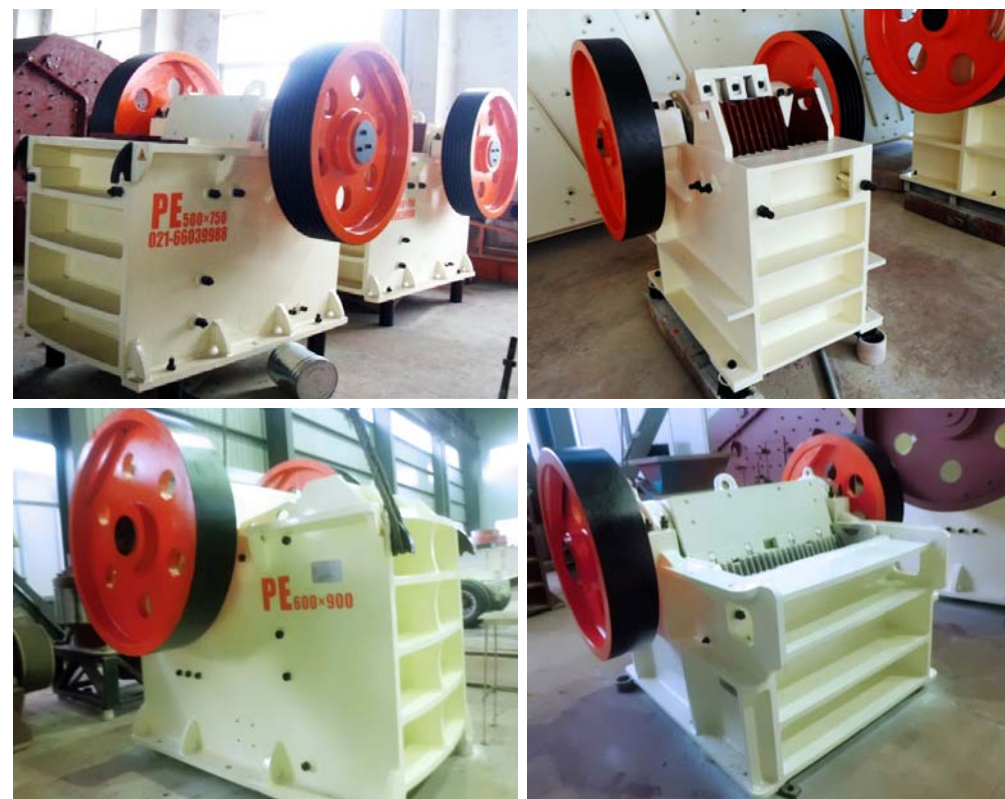


No matter which series jaw crusher, the working principle is the same: The motor transmits power through belt, and drives the moving jaw do periodic motion to the fixed jaw surrounding the eccentric shaft. When the movable jaw closes to the fixed jaw, the stuff will be crushed in this process. When the movable jaw of Jaw Crusher moves away from fixed jaw by the pulling of rod and spring, the products after crushing will be discharged from the outlet of Jaw crusher.

产品规格
Product Specification

产品图片
Product pictures

型号 Model	进料口尺寸 Opening Size (mm)	最大进料尺寸 Max. Feeding Size (mm)	排料口尺寸 Discharge Size (mm)	处理能力 Capacity (t/h)	电机功率 Power (KW)	外形尺寸 Dimension (mm)
PE-250×400	400×250	200	20-50	5-20	15	1430×1310×1340
PE-400×600	600×400	350	40-100	15-60	30-37	1700×1732×1653
PE-500×750	500×750	425	50-100	40-110	45-55	2035×1921×2000
PE-600×900	900×600	480	65-160	90-180	55-75	2290×2206×2370
PE-750×1060	1060×750	630	80-140	110-320	90-110	2655×2302×3110
PE-900×1200	900×1200	750	95-165	220-450	110-132	3800×3166×3045
PE-1200×1500	1200×1500	1020	150-300	400-800	160-220	3800×3166×3045
PEX-150×250	150×250	125	10-40	1-3	5.5	896×745×935
PEX-150×750	150×750	125	18-48	5-16	15	896×745×935
PEX-250×750	750×250	210	25-60	15-30	22-30	1667×1545×1020
PEX-250×1000	1000×250	210	25-60	15-50	30-37	1550×1964×1380
PEX-250×1200	1200×250	210	25-60	20-60	37-45	2192×1900×1950



产品图片
Product pictures



现场图片
Products on site



现场图片
Products on site



企业介绍
Enterprise Introduction

上海山启机械制造有限公司是中国知名的破碎筛分设备制造商。我们为客户提供全系列破碎筛分设备，包括圆锥破碎机颞式破碎机、反击式破碎机、立轴冲击破碎机(制砂机)、移动式破碎站和振动筛，我们不仅为客户提供高性价比的产品，还提供一流的服务支持及解决方案。我们的破碎设备在大量的基础建设工程中得到应用，另外,成套设备已出口到俄罗斯、蒙古、中亚、非洲等国家和地区。

公司拥有多名国内破碎筛分的专家，具有强大的新产品研发能力。公司非常重视国际技术交流与合作，先后引进了美国、德国、澳大利亚等国家的先进技术和工艺，拥有生产设备百余台套。时刻关注新产品、新技术的研发，并成立了砂石机器和选矿设备的研究室。



■ ■ 企业介绍
■ ■ Enterprise Introduction

山启机械 ■ ■
Shunky Machinery ■ ■

Shanghai Shunky Machinery Co. Ltd is a famous manufacturer of crushing and screening equipments in China. We provide our customers complete crushing plant, including cone crusher, jaw crusher, impact crusher, VSI sand making machine, mobile crusher and vibrating screen. What we provide is not just the high value-added products, but also the first class service team and problems solution suggestions. Our crushers are widely used in the fundamental construction projects. The complete crushing plants are exported to Russia, Mongolia, middle Asia, Africa and other regions around the world.

We have many crusher experts who are capable of new products searching and developing. We pay high attention on the international communication and cooperation and introduced advanced technology from Germany, America and Australia these years. We also have built research room in our company.



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