

# PE JAW CRUSHER

## 颚式破碎机



## PRODUCT INTRODUCTION

### 产品简介

PE颚式破碎机是一种广泛用于抗压强度320兆帕以下的各种物料的粗碎、中碎作业。工作原理主要是通过动颚板和定颚板之间的周期性往复运动对材料进行挤压和破碎。根据破碎的粒度又可分为PE颚式破碎机和PEX细颚式破碎机。

Jaw crusher is widely used for coarse and medium crushing of various materials with compressive strength below 320 MPa. The working principle is mainly to squeeze and crush the materials through the periodic reciprocating motion between the movable jaw plate and the fixed jaw plate. According to the crushed particle size, it can be divided into PE jaw crusher and PEX fine jaw crusher.

## PRODUCT ADVANTAGEA

### 产品优势

**优势一** 颚式破碎机零件均采用优质制造材料，提高了零件的耐压性和耐磨性；颚板由高锰钢制成，偏心轴由40Cr制成；从而提高零件的可靠性，使其高效耐用。

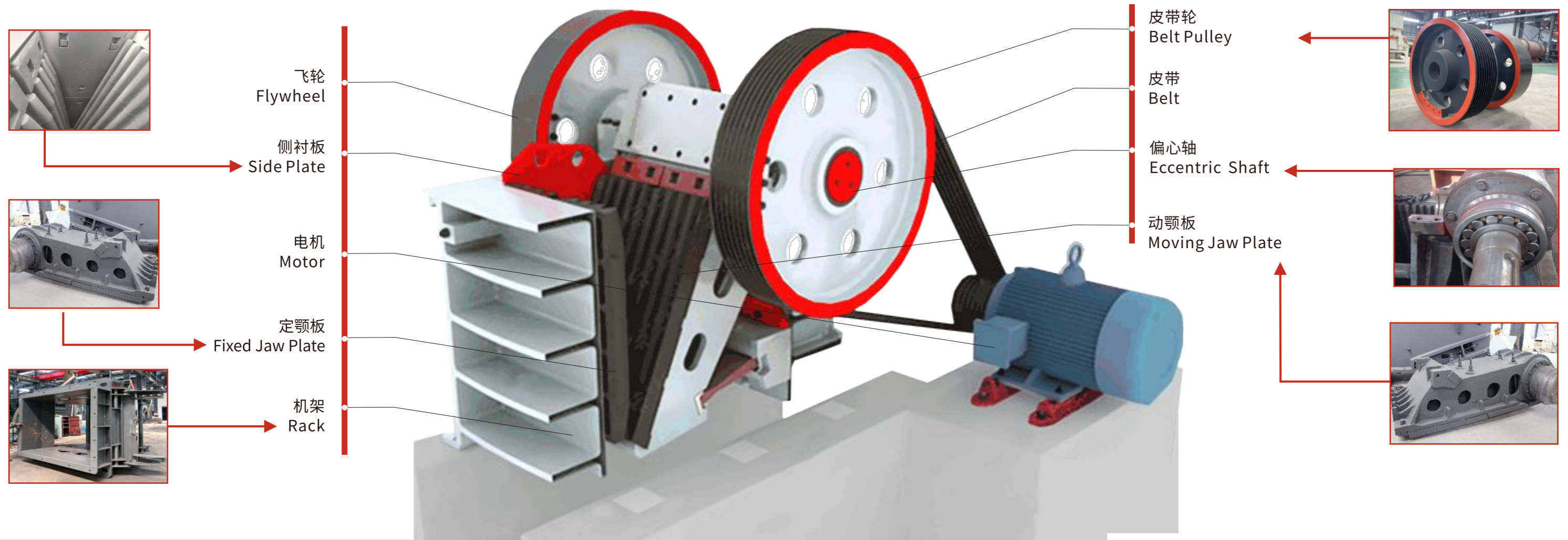
The jaw crusher parts are all made of high-quality manufacturing materials, which improves the pressure resistance and wear resistance of the parts. The jaw plate is made of high manganese steel and the eccentric shaft is made of 40Cr. This improves the reliability of the parts and makes them efficient and durable.

**优势二** 破碎腔深且无死区，可以提高碎石给料能力和产量，同时其破碎比大，产品粒度均匀，满足多种加工需求。

Deep and there is no dead zone, which can improve the feeding capacity and output of crushed stone. At the same time, its crushing ratio is large and the product particle size is uniform, which can meet a variety of processing needs.

**优势二** 颚式破碎机的排料口调整范围大，设备结构合理，占地面积小，可以在有限空间内发挥大的作用。

The adjustment range of the discharge port of the jaw crusher is large, the equipment structure is reasonable, and the footprint is small, which can play a large role in the limited space.



# WORKING PRINCIPLE

Using the motor drive as the source of power, the motor inputs power to the pulley through the V-belt, and the pulley drives the eccentric shaft to rotate to drive the moving jaw body to swing back and forth up and down. When the moving jaw plate moves close to the fixed jaw plate, the volume of the crushing chamber decreases, and the material in the crushing chamber is squeezed or broken. When the moving jaw plate moves away from the fixed jaw plate, the volume of the crushing chamber becomes larger, and the small pieces of material that are broken in the crushing chamber are discharged from the discharge port. This is a continuous circular movement to realize the crushing operation.



# TECHNICAL PARAMETER

## 技术参数

型号 Model	进料口尺寸 Feed Opening Size (mm)	最大给料尺寸 Max Feeding Size (mm)	出料口调节范围 Outlet Adjusting Range (mm)	生产能力 Capacity (t/h)	电动机功率 Power (kw)	外形尺寸 Overall Dimension (mm)
PE250×400	250×400	210	25-60	5-20	15	1215×1240×1210
PE400×600	400×600	350	40-90	15-60	30	1700×1750×1680
PE500×750	500×750	425	50-100	40-130	45	2150×1900×1950
PE600×900	600×900	500	60-125	90-180	55	2500×2010×2350
PE750×1060	750×1060	630	60-150	110-380	110	2630×2310×3110
PE900×1200	900×1200	750	95-165	220-550	132	3720×2850×3250
PE1200×1500	1200×1500	1020	150-300	400-900	220	4600×3350×4100
PE1500×1800	1500×1800	1200	210-360	520-1100	280	5100×4700×4300
PEX150×750	150×750	120	10-40	5-16	15	1310×1118×1145
PEX250×750	250×750	210	15-50	15-30	22	1440×1751×1515
PEX250×1000	250×1000	210	15-60	15-52	30	1730×1950×1400
PEX250×1200	250×1200	210	15-60	25-80	37	1730×2150×1400
PEX300×1300	300×1300	250	25-60	30-105	55	2000×2320×1730

注：技术参数如有变动，恕不另行通知。

Note: Any changes of technical parameters, there is no further notice.



# CUSTOMER WORKSITE

## 客户现场

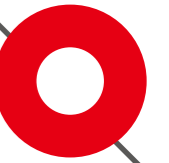
专注矿山机械二十年，佰辰重工为上千家客户提供了专业项目指导、设备生产、生产线建设及管理运营等产品服务,与他们共同证明中国矿机品牌的力量。

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- |                               |  |                          |
|-------------------------------|--|--------------------------|
| Mobile Crusher Plant          | Two-stage Crusher                      | DMC Pulse Dust Collector |
| <b>Jaw Crusher</b>            | Vertical Compound Crusher              | Powder Classifier        |
| C Series Jaw Crusher          | Reversible Hammer Crusher              | Bucket Elevator          |
| PEX Fine Jaw Crusher          | Hammer Crusher                         | Vibrating Feeder         |
| Impact Crusher                | Dewatering Screen                      | Screw Conveyor           |
| CI Series Impact Crusher      | Linear Vibrating Screen                | Three-cylinder Dryer     |
| Symons Cone Crusher           | Wheel Sand Washing Machine             | Single Cylinder Dryer    |
| Spring Cone Crusher           | Screw Sand Washer                      | Flotation Machine        |
| <b>Hydraulic Cone Crusher</b> | Sand Recycling Machine                 | Spiral Classifier        |
| CH Cone Crusher               | Raymond Mill                           | Gold Concentrator        |
| Heavy Hammer Crusher          | <b>YGM High Pressure Grinding Mill</b> | Magnetic Separator       |
| Small Jaw Crusher             | MTW Trapezium Grinding Mill            | Agitator                 |
| Vibrating Feeder              | Vertical Roller Mill                   | Wet Pan Mill             |
| Belt Conveyor                 | HGM Micro-powder Grinding Mill         | Shaking Table            |
| YK Vibrating Screen           | <b>Ball Mill</b>                       | Spiral Chute             |
| Trommel Screen                | Cement Ball Mill                       |                          |
| Vertical Shaft Impact Crusher | Ceramic Ball mill                      |                          |
| High-efficiency Fine Crusher  | Three-cylinder Dryer                   |                          |
| Double Roller Crusher         | Single Cylinder Dryer                  |                          |