

# 颞式破碎机

## 产品简介

PE型粗碎颞式破碎机是本公司集国内外同类产品的成功经验，为矿山、采石场和筑路等工业部门专门设计的岩石破碎机。该产品规格齐全，其给料粒度从125毫米至1020毫米。PE型粗碎复摆颞式破碎机破碎物料的抗压强度可达300Mpa，是初级破碎首选设备。

## 工作原理

电动机驱动皮带和皮带轮，通过偏心轴使动颞上下运动，当动颞上升时肘板和动颞间夹角变大，从而推动动颞板向定颞板接近，与此同时物料被挤压、搓、碾等多重破碎；当动颞下行时，肘板和动颞间夹角变小，动颞板在拉杆、弹簧的作用下离开定颞板，此时已破碎物料从破碎腔下口排出。

## 性能特点

- 1.破碎腔深而且无死区，提高了进料能力与产量；
- 2.其破碎比大，产品粒度均匀；
- 3.垫片式排料口调整装置，可靠方便，调节范围大，增加了设备的灵活性；
- 4.润滑系统安全可靠，部件更换方便，保养工作量小；
- 5.结构简单，工作可靠，运营费用低。
- 6.噪音低，粉尘少。



规格型号 Model	进料口尺寸 Feed Opening Size (mm)	最大进料粒度 Max. Feed Size (mm)	出料口调节范围 Adjustable Range of Discharging Opening(mm)	产量 Capacity (t/h)	配用电机功率 Motor Power (Kw)	重量 Weight (t)	外形尺寸(长×宽×高) Overall Dimension (L×W×H) (mm)
PE150×250	150×250	125	10-40	1-3	5.5	0.8	896×745×935
PE250×400	250×400	200	20-60	5-20	15	2.8	1150×1275×1240
PE400×600	400×600	350	40-100	15-60	30	6.5	1700×1732×1653
PE500×750	500×750	425	50-100	50-100	55	10.3	2035×1921×2000
PE600×900	600×900	480	65-160	60-130	75	16.5	2290×2206×2370
PE750×1060	750×1060	630	80-140	100-250	110	29	2620×2302×3110
PE900×1200	900×1200	750	95-165	160-380	110	54	3789×2826×3025
PE1000×1200	1000×1200	850	195-265	315-550	110	57	3335×3182×3025
PE1200×1500	1200×1500	1020	150-300	400-800	160-220	100.9	4200×3750×3820
PEX250×1000	250×1000	210	25-60	15-50	30	6.5	1550×1964×1380

## JCE EUROPEAN TECHNOLOGY JAW CRUSHER

JCE180×1300	180×1300	150	10-30	12-50	30/37	6	1320×2150×1175
JCE250×1000	250×1000	220	20-40	15-65	37/45	5.6	1400×1850×1310
JCE250×1300	250×1300	220	70-100	26-85	30/37	6.8	1450×2150×1175
JCE400×600	400×600	350	35-85	15-85	30/37	8	1920×1460×1840

#### Brief introduction

The PE series jaw crusher manufactured by our company is designed for using in mines, quarries, and other industrial applications, on the base of previous experience of sales at home and abroad assuring good reliability and high productivity. The size range of feed material (maximum compression strength 300Mpa) is from 125 to 1020 mm. They are the optimum crushing equipment as primary jaw crushers.



# JAW CRUSHER

#### Working Principle

The motor transmits power through belt, drives the moving jaw do periodic motion to the fixed jaw surround the eccentric shaft. The angle between toggle plate and moving jaw increases when moving jaw moves up. So the moving jaw closes to the fixed jaw. The material will be crushed in this process. The angle of Jaw Crusher between toggle plate and moving jaw decreases when moving jaw moves down, the moving 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 discharge opening.

#### Features

1. High crushing ratio, uniform final product size.
2. Deep crushing chamber without dead zone, which increase the feeding capacity and production capacity.
3. Stable and convenient gasket discharge adjusting device makes the adjusting range wide and flexible.
4. Safe and reliable lubrication system, easy replacement of spare parts;
5. Simple structure, low operation costs.
6. Energy saving, low noise and little dust.