

Jaw Crusher

Jaw Crusher is mainly used to crush kinds of mining stones primarily, and the largest compression resistance of the material is 320MPa. The jaw crusher is widely used in stone mining, metallurgy industry, building material, highway, and chemical industry.

Working Principle of Jaw Crusher:

The motor transmits power through belt, drives the moving jaw to do periodic motion towards the fixed jaw by the eccentric shaft. The angle between toggle plate and moving jaw plate increases when moving jaw moves . So the moving jaw moves towards the fixed jaw. The stuff will be crushed in this process. The angle between toggle plate and moving jaw decreases when moving jaw moves down, the moving jaw moves leaves fixed jaw by pulling rod and spring, the final crushed stuff will be discharged from the outlet.

Characteristics of Jaw Crusher:

- High ratio of crushing,
- Even final size,
- Simple structure,
- Reliable working condition,
- Easy maintenance,
- Low operating cost.



Technical Data:

Model	Max. Feeding Size (mm)	Discharge Size (mm)	Capacity (t/h)	Motor Power (kW)	Overall Dimensions (mm)	Weight (t)
PE150×250	125	10-40	1-3	5.5	896×745×935	0.8
PE250×400	200	20-60	5-20	15	1150×1275×1240	2.8
PE400×600	350	40-100	15-60	30	1700×1732×1653	6.5
PE500×750	425	50-100	50-100	55	2035×1921×2000	10.3
PE600×900	480	65-160	60-130	75	2290×2206×2370	16.5
PE750×1060	630	80-140	80-180	110	2620×2302×3110	29
PE900×1200	750	95-165	140-260	110	3789×2826×3025	54.5
PE1000×1200	850	195-265	315-550	110	3335×3182×3025	57
PE1200×1500	1020	150-300	400-800	160-220	4200×3750×3820	100.9
PEX250×750	210	25-60	10-40	22	1667×1545×1020	5
PEX250×1000	210	25-60	15-50	30	1550×1964×1380	6.5
PEX250×1200	210	25-60	20-60	37	1560×2104×1415	7.7

Impact Crusher

Impact crusher is new product designed by our company after absorbing the advanced technology home and abroad. This kind of crusher can crush many kinds of materials with max feed size less than 500mm and crushing strength less than 360 MP. It has the features of high ratio of crushing, high efficiency of crushing, easy to maintenance, etc. The final products are with cubic shapes and are the ideal equipments for construction the highway and water and electricity construction. In addition, impact crushers are more suitable to process granite, limestone, bank gravel etc. in the area of highway construction, water conservancy project and architecture.

Characteristics:

Hammer is made of high chrome; liner board is made of wearable materials;
Specially designed tooth impact plate;
More suitable for crushing hard rock, high efficiency, low consumption;
Final products is cubic, discharge opening is adjustable;
Make the crushing flow chart simple.



Technical Data:

Model	Size of rotor (mm)	Feed opening (mm)	Max. feed size (mm)	Capacity (t/h)	Power of Motor (kW)	Weight (t)
PF1007	Φ1000×700	400×730	300	15-30	37	6
PF1010	Φ1000×1050	400×1080	350	50-80	75	12.5
PF1210	Φ1250×1050	400×1080	350	70-130	110	16.5
PF1214	Φ1250×1400	400×1430	350	90-180	132	19
PF1315	Φ1320×1500	860×1520	500	120-250	200	24
PF1320	Φ1320×2000	860×2030	500	160-350	260	27

Notice: Any change of Impact Crusher technical data shall not be advised additional