

Jaw Crusher—Shanghai Shibang Machinery Co., Ltd

Shanghai Shibang Machinery Co., Ltd is a high-technology enterprise of Shanghai city. now have two series of products. One is the crusher series including [jaw crusher](#), [impact crusher](#), hammer crusher, [cone crusher](#), vibrating feeder, vibrating screen, belt conveyor, vertical shaft impact pulverizer, sand washing machine and sand making machine. The other is the mill series including [Raymond mill](#), high-pressure suspension mill, high-pressure micro powder mill, susuper thin mill, medium speed trapezium mill, [ball mill](#) and straight centrifugal mill.

jaw crusher is a kind of stone crusher of a long history.



A jaw or toggle crusher consists of a set of vertical jaws, one jaw being fixed and the other being moved back and forth relative to it by a [cam](#) or [pitman](#) mechanism. The jaws are farther apart at the top than at the bottom, forming a tapered chute so that the material is crushed progressively smaller and smaller as it travels downward until it is small enough to escape from the bottom opening. The movement of the jaw can be quite small, since complete crushing is not performed in one stroke.

Our jaw crusher are ideal for primary and secondary crushing. With the increase of production, our jaw crusher can greatly reduce the operating costs. And it is of reliability and flexibility. The large feed opening and force-feeding action from the inward and downward eccentric movement of the swing jaw mean that our jaw crusher can increase the capacity.



The jaw crusher is a kind of crushing equipment of a long history, featuring simple and firm structure, reliable operation, convenient maintenance and repair and low operation cost, so it is still widely used in metallurgy, chemical, building material, power, communication and other industries, for the primary, secondary and tertiary crushing of ores and rocks with the compressing strength of 147~245Mpa, to crush materials of different sizes to uniform small grains. It can be used with the ore dressing equipment or used independently.

It can be used to produce the aggregate for subgrade, railway ballast and construction sand and stone. The jaw crusher is divided into the coarse jaw crusher and the fine jaw crusher, i.e. PE series and PEX series.

Features:

High reduction ratio, uniform grain size, simple structure, reliable operation, simple convenience and low operation cost.

Working principle:

The motor drives the belt pulley and the belt pulley drives the eccentric shaft to rotate, and make the moving jar approach and leave the fixed jaw periodically, to crush, rub and grind

the materials repeatedly, thus to make the material slower and slower and gradually fall down and finally discharge from the discharge opening.

Jaw Crusher Specification:

Model	Feed inlet size(mm)	Max inlet size(mm)	Capacity (t/h)	Electric power(kw)	Overall size LxWxH(mm)	Weight (t)
PE150×250	150×250	125	1-5	5.5	875×758×850	0.81
PE250×400	400×250	210	5-20	15	1450×1315×1296	2.8
PE400×600	600×400	340	16-65	30	1565×1732×1586	6.5
PE500×750	750×500	425	45-100	55	1890×1916×1870	10.1
PE600×900	900×600	500	50-120	55	2305×1840×2298	15.5
PE750×1060	1060×750	630	52-180	110	2450×2472×2840	28
PE900×1200	900×1200	750	140-260	110	3335×3182×3025	54.5
PEX250×1000	1000×250	210	16-52	30-37	1530×1992×1380	6.5
PEX250×1200	1200×250	210	20-60	37	2192×1900×1430	7.7

Note: This specification is just reference, any changes are subject to the products