



# JAW CRUSHER

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ZHENGZHOU HAMAC AUTOMATION EQUIPMENT CO., LTD

[WWW.HAMACCHINA.COM](http://WWW.HAMACCHINA.COM)

# JAW CRUSHER



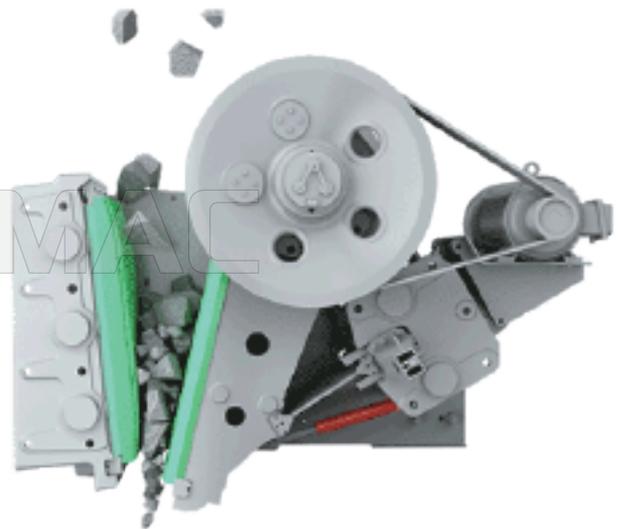
## INTRODUCTION

Jaw crusher, also known as "tiger's mouth". It is widely used in the crushing of various ores and stones in mining and smelting, building materials, highways, railways, water conservancy and chemical industries. The higher compressive strength of the crushed material is 320Mpa.

Jaw crushers are often used for primary crushing in mine material crushing. Jaw crusher is an equipment developed for aggregate crushing of highways, railways, airport runways and other engineering constructions. The jaw crusher produced by HAMAC adopts new crushing technology and manufacturing level, and is an ideal product for crushing hard and highly abrasive materials. Compared with the traditional jaw crusher, the HAMAC jaw crusher shows its superiority in terms of service life, maintenance rate and failure rate.

## WORKING PRINCIPLE

The jaw rock crusher is mainly composed of the crusher frame, the eccentric shaft rotating part, mobile jaw plate and stationary jaw plate in the crushing cavity, the safety device, the discharge opening adjustment device, etc. The crushing method of the jaw crusher is a curved extrusion type. The motor drives the belt and pulley, and the movable jaw swings back and forth through the eccentric shaft. When the movable jaw pushes the movable jaw plate to move toward the stationary jaw plate, the stone is crushed. When the movable jaw and the movable jaw plate retreat under the action of the eccentric shaft and the spring, the previously crushed materials are discharged from the lower discharge opening of the crusher jaw plate. With the continuous rotation of the motor, the crusher jaws periodically crush and discharge materials to achieve mass production.



**ADVANTAGES**

Jaw Crusher

- Deep crushing chamber, low consumption and energy saving; optimized deep crushing chamber, no dead zone, greatly improved feeding and crushing efficiency, single machine energy saving 15%-30%, system energy saving more than double.
- Strong bearing capacity and high stability. Larger forging blanks can process heavy eccentric shafts, high manganese steel jaw plates and high-grade cast steel movable jaw assemblies. The jaw crusher has stronger bearing capacity and higher stability.
- Centralized lubrication system, easy to be maintained, the uniquely designed centralized lubrication system makes the lubrication of components faster and the maintenance workload is small.
- The discharge adjustment range is large, one machine is multi-purpose, the gasket-type discharge adjustment device has a large discharge adjustment range, which increases the flexibility of the equipment and can meet various processing requirements of customers.



**TECHNICAL DATA**

Jaw Crusher

Model	PE400×600	PE500×750	PE600×900	PE750×1060	PE900×1200	PE1000×1200	PE1200×1500
Input Size(mm)	400×600	500×750	600×900	750×1060	900×1200	1000×1200	1200×1500
Max Feeding Size (mm)	340	425	500	630	780	850	1020
Output Adjustable Range (mm)	40-100	50-100	65-180	80-180	95-225	195-280	150-300
Capacity(t/h)	16-60	40-110	80-180	110-320	220-450	280-550	400-800
Engine Power (kW)	30	55	55-75	90-110	110-132	110-132	160-220
Weight (t)	6.7	11.7	16.1	30.1	49.0	51.2	100.9
Dimensions (mm)	1797×1716×1581	2119×1918×2046	2309×2028×2368	2730×2472×2840	3362×2750×3260	3823×2938×3285	4930×3334×4057

\* Note: HAMAC follows the principle of the perfecting the performance of the products, material and specification may changed without advice.

GALLERY

Jaw Crusher





## WHY CHOOSE HAMAC?

HAMAC Automation Equipment Co., Ltd is a professional supplier for construction machinery located in Zhengzhou and Qingdao, China. Based on the two manufacture bases, HAMAC's Parent company occupies big market in domestic market, and built agents and distributors in China mainland. HAMAC is treated as an international brand to promote the overseas market. We are becoming a famous global brand in construction machinery industry.



HAMAC owns a strict quality control system to select our suppliers, to check all the products from HAMAC also; HAMAC does not pursue a high profit, but with reasonable profits to cover basic cost and to confirm the quality; HAMAC provides our clients with professional exporting service in addition to products, to make your purchase experience satisfied.





TO BE YOUR DEVOTED PARTNER



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