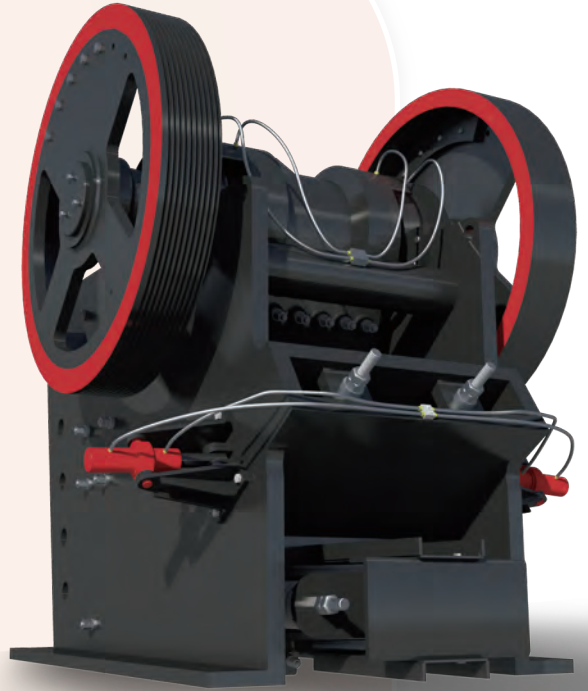


PEW系列欧版鄂式破碎机

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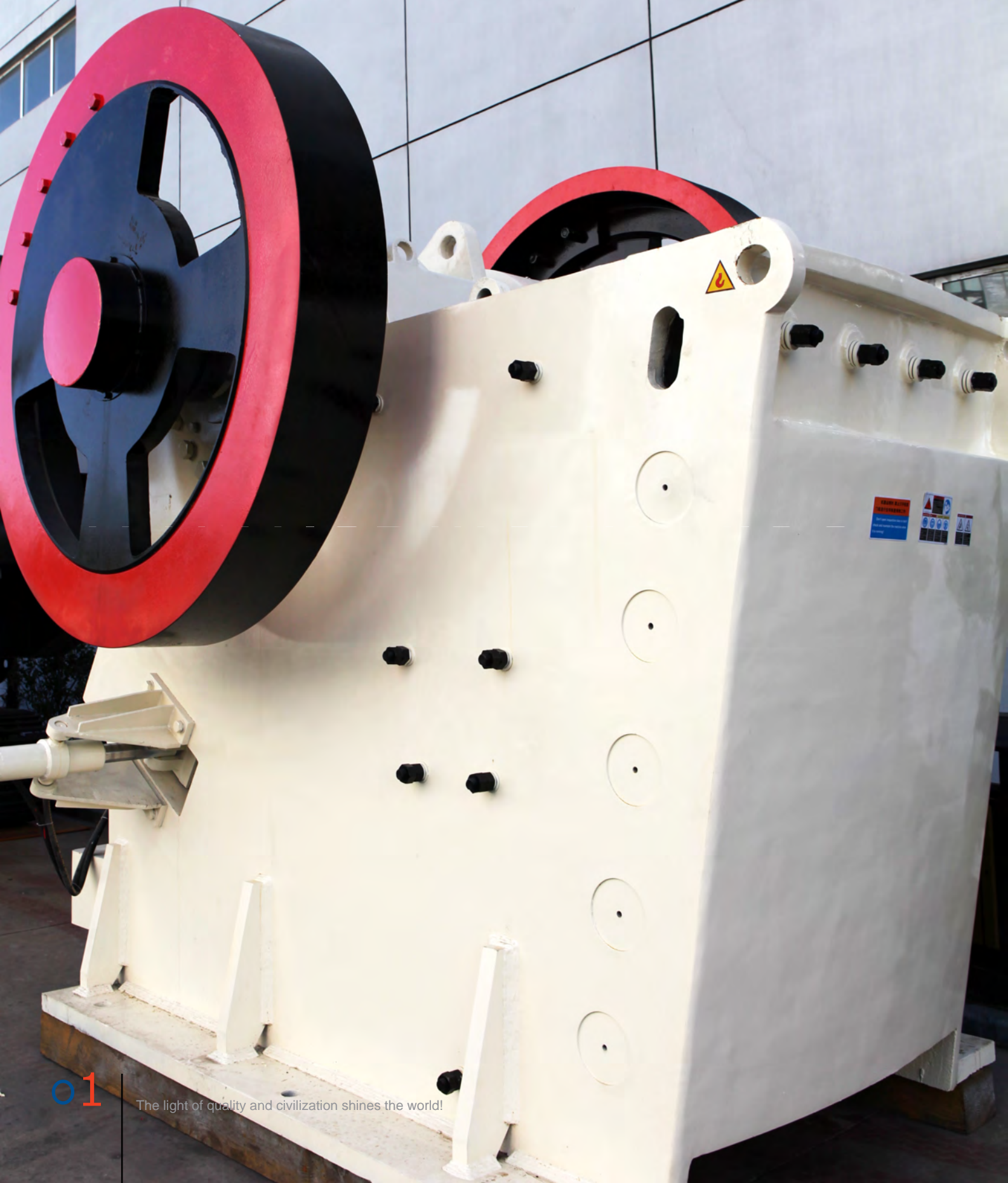
ISO 9001:2000  
Quality System  
Certification+CCC



**SBM COMPANY**  
PRODUCTIONS >>>

# PEW Series Jaw Crusher

**SBM**  <sup>®</sup>  
MINING AND CONSTRUCTION MACHINERY

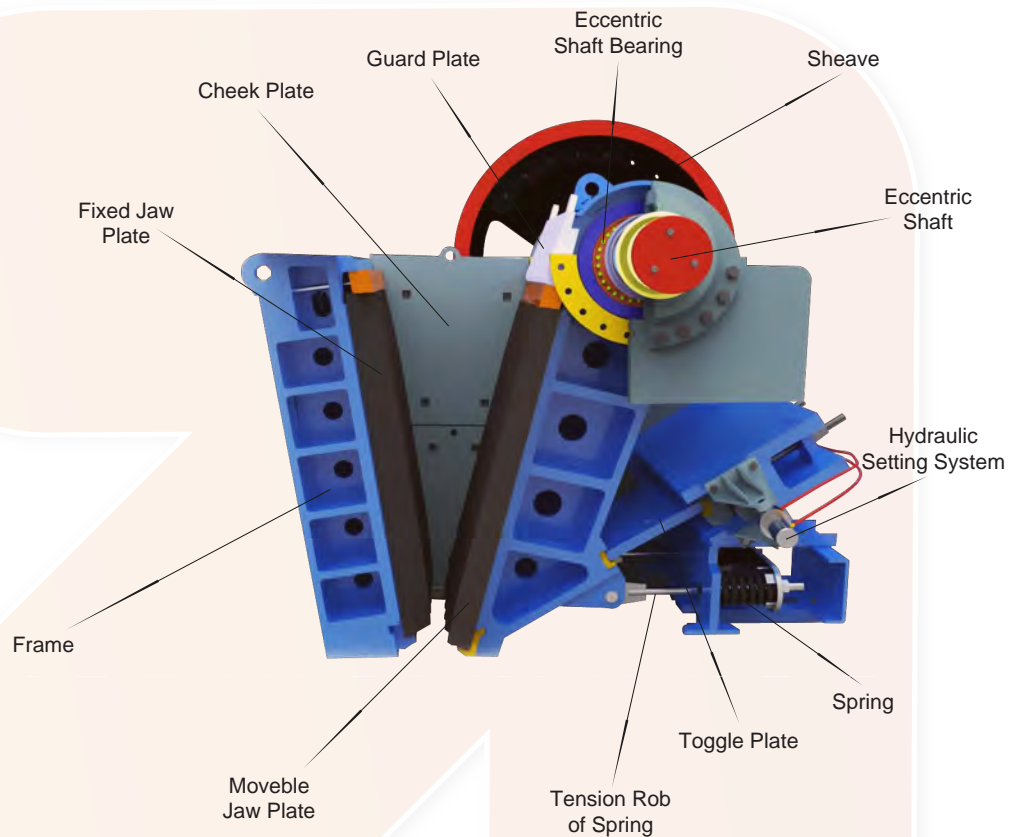


# Main Structure

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PEW series jaw crusher mainly consists of main frame, eccentric shaft rotation assembly, crushing cavity part, safety device, discharging adjustment device and so on.

## Main Structure

1. Main Frame: consists of side plate, front box module, back box weldment parts.
2. Eccentric shaft driving part: mainly includes movable jaw, eccentric shaft, bearings, bearing seat, belt and so on, it is the core part of the driving force.
3. Crushing cavity part: mainly includes fixed jaw plate, movable jaw plate, side plate, guard plate, there are small working parts of crushing.
4. Safety device: it consists of toggle plate, toggle plate seat, spring, and spring draw bar. The toggle plates serve function of safety of crusher under the abnormal condition.
5. Discharge adjustment device: this device is used to adjust the size of the discharging opening, thus controlling the size of the final products. It mainly consists of slant lump, top thread bolt (or auxiliary hydraulic cylinder), and tension rod.

■ 主要特点与优势

## Main Features



PEW series jaw crusher in European style has the following characteristics:

1. World-class manufacturing technology and most high-tech materials.
2. More advanced movable jaw assembly, thus more wearable and with extended service life. Movable jaw assembly uses high-quality casting steel, and is driven by two big casting-steel flywheels. Besides, the heavy eccentric shaft applies the forging billets. All make the PEW jaw crusher superiorly wearable.
3. Integrated casting steel Axle housing can ensure it cooperate with the crushing frame can't perform like this.
4. Use of finite element analysis technology makes the crusher with high intensity.
5. Crusher chamber adopts "V" structure which could make actual Feeding width comply with the nominal one.
6. Adjustment of the discharge part is more convenient. The adjustment methods: gasket adjustment, hydraulic assistant adjustment, wedge block and wedge hydraulic adjustment.
7. Larger-model axle and higher carrying capacity. Compared to the same specification of crushers, all PEW series of jaw crushers are equipped with larger-model and more durable eccentric shaft bearings. The better carrying capacity and the more effective labyrinth seal greatly extend the bearing's service life.
8. More wear-resistant fence plate, which enlarges jaw plates' effective length, thus improves crusher's capacity.
9. As a standard configuration, each crusher is equipped with concentrated lubrication system, which brings more convenience to axle lubrication.
10. Convenient ways of layering and supporting are used to install the fix the jaw plates.
11. Heavy protecting plate is installed on the axle housing, which can protect it from accidental damage.
12. Supporting bars under the jaw plates can efficiently protect the movable jaw assembly and frame from abrasion.

## ■ 用途

## Application

1. This series crusher is widely used as a primary crushing equipment in metallurgy, mining, chemical industry, cement, construction, etc,

2. This series crusher is most suitable to crush mineral ore, rock, slag, etc. The highest anti-pressure strength of crushed material is 300MPa. The material's size must be within the feeding size stated in the specification list.

## ■ 工作原理

## Working Principle

This series crusher adopts the way of tortuous squeeze crushing, its working principle is the motor drives the belt and the belt wheel, the movable jaw swings up and down under the function of the eccentric shaft. The material is crushed or squeezed to pieces in the process when the movable jaw pushes the jaw plate forward to the fixed jaw plate. Then, when the movable jaw and the movable jaw plate draw back under the function of the eccentric shaft and spring, the crushed material or the processed smaller pieces are discharged from the under part of the crusher. With the motor rotates continuously, the movable jaw smashes and discharge material periodically and the crusher gets quantity production.

## ■ 规格与性能参数表

## Technical Data

## Secondary crusher

Model		PEW1302	PEW1003	PEW1303	PEW604
Content					
Feed opening (mm)		180 × 1300	250 × 1000	250 × 1300	400 × 600
Max Feeding Size (mm)		150	220	220	350
Adjustable Range of Discharge Opening (mm)		10-30	20-40	20 - 40	35-85
Eccentric Shaft Rotation Speed (rpm)		320	330	290	250
Theoretical Producing Capacity (t/h)		12-35	15-50	26-85	15-70
Electric Motor	Model	Y225M-6	Y225M-6	Y250M-6/Y280S-6	Y225M-6
	Power (KW)	30	30	37/45	30
	Rotation Speed (rpm)	980	980	980	980
Overall Dimension (L×W×H)		1320 × 2150 × 1175	1400 × 1850 × 1310	1450 × 2150 × 1175	1920 × 1460 × 1840
Weight (Kg)		6000	5600	6800	
Voltage (V)		380	380	380	380
Frequency (Hz)		50	50	50	50

Note: This specification is just reference, any changes are subject to the hydraulic cone crusher products.

## Primary crusher

Parameter Model Content		PEW760×1100	PEW840×1100	PEW1100×1200
Feeding Opening (mm)		760×1100	840×1100	1100×1200
Max Feeding Size (mm)		620	720	930
Discharge Setting (mm)		75-200	100-225	150-275
Eccentric Shaft Rotation (rpm)		270	240	210
Theoretical Producing Capacity (t/h)		150-350	200-500	300-650
Motor	Power (kw)	110~132	132~160	185~200
	Rotation Speed (rpm)	980	985	740
Over all Dimension (l×w×h)		2600×2500×2200	3300×2320×3120	4140×2660×3560
Weight (kg)		24000	32000	59200
Supply Voltage (v)		380	380	380
Supply Frequency (hz)		50	50	50

## Capacity

Close Discharging Size		75	100	125	150	175	200	225	250	275
Model	PEW760×1100	150	190	230	270	320	350			
	PEW840×1100		200	262	320	380	460	500		
	PEW1100×1200				300	400	480	560	580	650

Note: This specification is just reference, any changes are subject to the JC Series Jaw Crusher products.



■ 世邦服务

# SERVICE

Since establishment, Shanghai Shibang Machinery Co., Ltd has regarded "All we do is for clients" as its goal and has provided high-quality, high-efficient and all-around-way service for its clients.

## 1. Pre-sale Services

Act as a good adviser and assistant to clients; enable them to get benefit on their investments.

- Select equipment model
- Design and manufacture products according to clients' special requirement
- Provide technical training program for clients

## 2. Services During The Sale

Respect clients; devote ourselves to improving the total value of clients.

- Pre-check and products before delivery
- Help clients to make solving plans

## 3. After-sale Services

Provide considerate services to minimize clients' worries.

- Assist clients to prepare for the first construction scheme
- Install and debug the equipment
- Train the first-line operators on site
- Examine the equipment regularly
- Provide maintenance for large machine elements
- Provide technical exchange opportunity
- Provide perfect service
- Deliver door-to-door guarantee service
- Rapidly eliminate client's troubles at site



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