



®

LIMING



EUROPEAN TYPE JAW CRUSHER

TOP 1 BRAND OF CHINA'S CRUSHING
AND GRINDING INDUSTRY





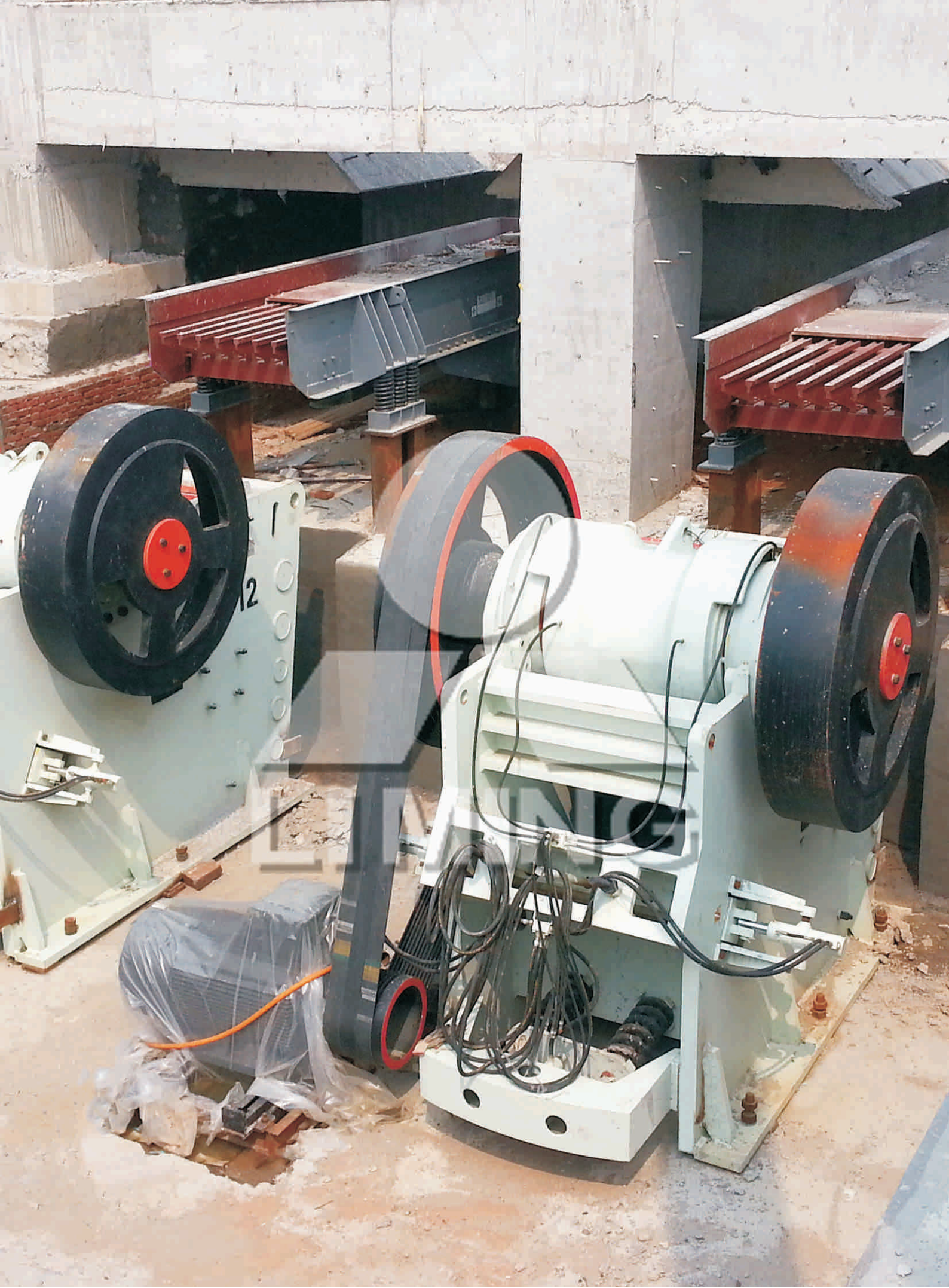
Product Presentation

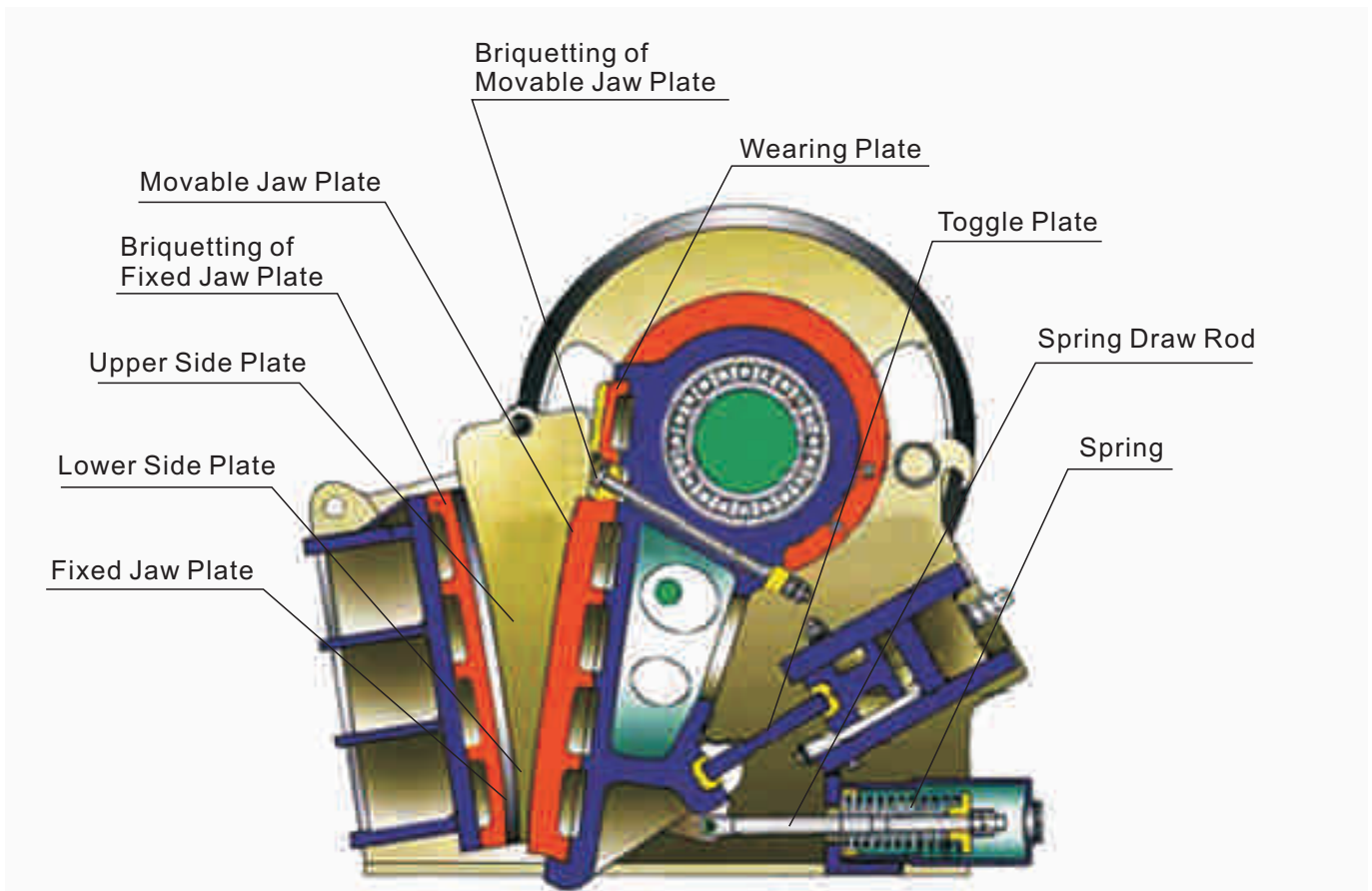
As world's leading rock and mineral processing equipment, PEW European type jaw crusher has been widely used in the field of construction and mining with its special advantages in crushing hard and strong corrosive material. PEW European type jaw crusher has been exported to dozens of countries throughout the world, winning widespread praise from our customers.

Four Innovative Technologies with Obvious Performance Advantage:

1. Advanced movable jaw assembly endows the machine with extraordinary reliability;
2. A newly designed tooth-shape side plate, makes the available area of jaw plate longer, and enhances the capacity;
3. Larger and durable eccentric shaft bearing ensures the higher load capacity and longer lifespan of the machine;
4. Crushing chamber with a perfect crushing ratio adopts symmetrical "V" structure, which gives the equipment extremely considerable production.

Purpose and Application Scope: As the equipment mainly used in metallurgy, mining, chemical, cement, construction, refractory materials and ceramic industries, PEW jaw crusher is ideally applicable for secondary and tertiary crushing of various mid-hard ores and rocks, most suitable for materials with compressive strength no more than 300Mpa, such as ore, rock, slag, etc.





The Working Principle of PEW Jaw Crusher

The crushing method of **PEW jaw crusher** is dynamic squeeze. The working principle is: the electromotor drives the belt and pulley to make the movable jaw move back and forth, up and down through the eccentric shaft. The raw material is squashed or split when movable jaw plate moves towards fixed jaw together with movable jaw. When movable jaw and movable jaw plate turns back by eccentric shaft and spring, the raw material, which is squashed or split before discharges from the bottom outlet under jaw plate. The bulk-production is achieved while electromotor rotates continuously and the movable jaw crushes and discharges the raw material periodically.



PEW European type jaw crusher is comprised of the parts of frame, eccentric shaft, crushing cavity, insurance device and adjusting device of discharging opening.

1 .Frame part comprises side plate, front box components, back box weldment and so on.

2 . Eccentric shaft rotational part, which is composed of movable jaw, eccentric shaft, bearing, bearing block, pulley and so on, is the main part of power transmission.

3 . Crushing cavity, the working part for crushing material, is mainly comprised of the fixed jaw plate, movable jaw plate, side plate, liner board and so on.

4 . Insurance device comprises toggle plate, toggle plate seat, springs, spring draw rod and so on, playing a key role of insurance under abnormal circumstance.

5 . Adjusting device of discharging opening is used to adjust the size of the discharging opening, thus to control the discharging particle size.



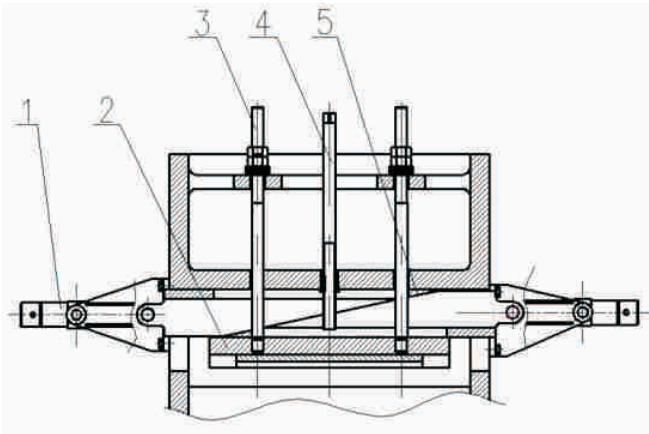


Adjustment Devices

PEW European type jaw crusher is equipped with four adjustment devices in discharging opening.

• Wedge hydraulic adjustment

It mainly comprises hydraulic cylinder, adjusting wedge, wedge tightening screw and other components

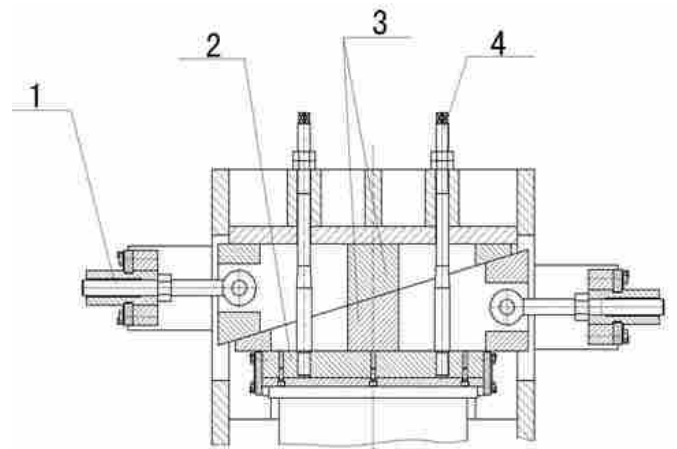


structure chart of wedge hydraulic cylinder adjustment

1. hydraulic cylinder 2. adjusting seat 3. wedge tightening screw 4. jackscrew bolt 5. adjusting wedge

• Wedge mechanical adjustment

It is mainly comprised of adjusting bolt, adjusting wedge, wedge tightening screw and other components.



structure chart of wedge mechanical adjustment

1. adjusting bolt 2. adjusting seat 3. adjusting wedge 4. wedge tightening screw

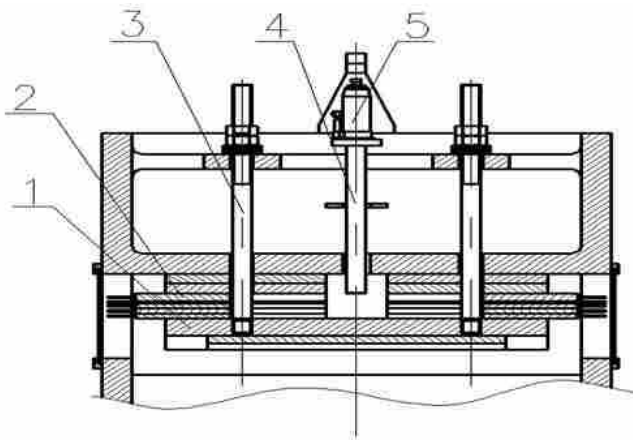


Adjustment Devices

PEW European type jaw crusher is equipped with four adjustment devices in discharging opening.

• Auxiliary hydraulic adjustment

It mainly comprises adjusting gasket, auxiliary hydraulic device, tightening screw and other components.

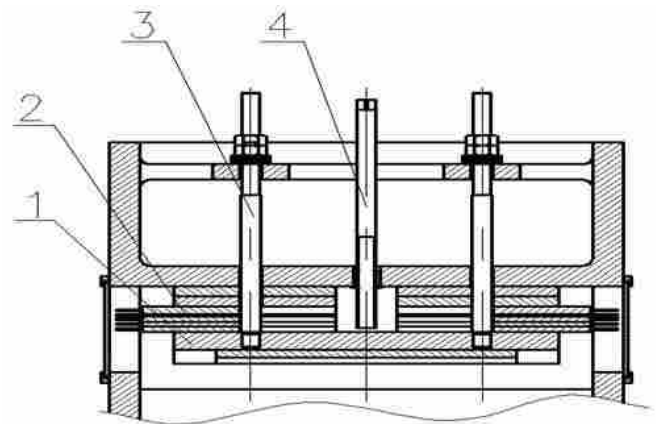


structure chart of auxiliary hydraulic adjustment

1. adjusting seat 2. adjusting gasket 3. tightening screw 4. jack bar 5. hydraulic jack

• Gasket jackscrew adjustment

It mainly comprises adjusting gasket, jackscrew bolt, tightening screw and other components.



structure chart of gasket jackscrew adjustment

1. Adjusting seat 2. adjusting gasket 3. tightening screw 4. jackscrew bolt

Obvious product **performance advantages**

1 . Higher capacity

Symmetrical "V" structure crushing chamber with a perfect crushing ratio, combined with a newly designed tooth-shape side plate, significantly increase the capacity of crusher.

2 . Higher load capacity

Larger and durable eccentric shaft bearing ensures the higher load capacity of the machine and prolongs its service life by 20%.

3 . Trustworthy stability

Movable jaw assembly is made from high-quality cast piece, which endows the PEW European type jaw crusher with extremely reliability and good abrasion resistance.

4 . Significantly enhanced strength

Integral cast steel bearing matches well with the crusher frame, at the same time, radial strength of the bearing seat is highly enhanced.



Structure Features of PEW European Type Jaw Crusher

New concept in structure design

Symmetrical "V" structure design of crushing chamber is initiative of Liming Heavy Industry, and it significantly increases the crushing ratio of the machine. A variety of different types of discharge opening control devices satisfy the requirements of all kinds of particle sizes.

Advanced movable jaw assembly

Movable jaw assembly is made from cast piece with high quality, and it is driven by two large flying wheels which are made from cast steel. All of these make the PEW jaw crusher extremely reliable.



"V" structure crushing chamber

Crusher chamber adopts "V" structure which could make actual feed width comply with the nominal one and greatly improve the crushing ratio of the equipment.



Tooth-shape side plate

A newly designed tooth-shape side plate, makes the available area of jaw plate longer, and enhances the capacity.



Bearing with larger specification and higher load

Heavy eccentric shaft is processed by forged mold. Its higher load capacity and effective oil seal will lengthen the life of bearing.



Bearing seat with integral cast steel structure

Integral cast steel bearing matches well with the crusher frame, at the same time, radial strength of the bearing seat is highly strengthened. However, the ordinary separate bearing seat does not have this advantage.



Flexible adjusting ways of discharging opening

Discharging opening of the jaw crusher is adjustable within a wide range of adjusting ways: gasket jackscrew adjustment, auxiliary hydraulic adjustment, wedge mechanical adjustment and wedge hydraulic adjustment, thus it is easy to adjust the finished product size.

SPECIFICATIONS

Main Technical Parameters of PEW Jaw Crusher

Model	Feeding opening (mm)	Maximum feed size(mm)	CSS min-max(mm)	Capacity (t/h)	Power KW(HP)	Dimension (L×W×H)	Weight (t)
PEW200X1300	200X1300	150	10-30	12-35	30(40)	1320x2150x1175	6
PEW250X1000	250X1000	220	20-40	15-50	30(40)	1400x1850x1310	5.6
PEW250X1200	250X1200	220	20-40	20-50	37(50)	1450x2150x1175	6
PEW400X600	400X600	350	35-85	15-70	37(50)	1920x1460x1840	6.5
PEW860	840X1045	720	100-225	200-500	132(175)	3300X2320X3120	32
PEW1100	1100X1200	940	150-275	300-650	185(250)	4140X2660X3560	59.2

Production Capacity of PEW Jaw Crusher

Tight edge output size(mm)		75	100	125	150	175	200	225	250	275
Crusher model	PEW860		200	262	320	380	460	500		
	PEW1100				300	400	480	560	580	650

Note: ① The above description is only an approximation of crusher capacity. The materials are dry hard rock with bulk specific gravity of 1.6t/m³. And the maximum feeding size meets the maximum allowable feed size of crushers. ② Crushing capacity has relations with feeding ore size distribution, material nature and moisture content, etc.

In order to enhance your experience of our equipment during the operation, we strongly recommend spare parts originally manufactured by LIMING Heavy Industry. These high quality spare parts are manufactured using advanced metallurgy techniques, precise machining, and perfect compatibility, ensuring the lowest malfunction operation and creating higher value for our customer.

Crushing Plant



Sine Liner



Spring



Toggle Plate



Guard Liner Plate



Impact Block



Wearproof Plate



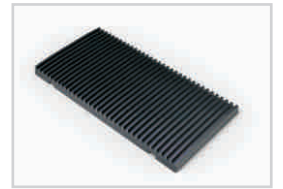
Impact Plate



Tension Rod



Feed Eye Ring



Movable Jaw Plate

Grinding Plant



Ring



Roller



Shovel Base



Shovel



Gland Arove Roller Sleeve



Roller Sleeve



Roller Shaft



Classifier Impeller



Lining Plate



Air Way Guard Plate

PRODUCT LIST

Production Line

Stone Crushing Line

Sand Making Line

Industrial Grinding Line

Grinding Plant

LM Vertical Mill

MTW European Trapezium Mill

LUM Vertical Roller Mill

TGM Trapezium Mill

T130X Superfine Grinding Mill

YGM Series Suspension Mill

HGM Series Micro Powder Mill

Coarse Powder Mill

Raymond Mill

Crushing Plant

HJ Series Jaw Crusher

European Type Jaw Crusher

European Type Impact Crusher

Impact Crusher

Jaw Crusher

HPT Hydraulic Cone Crusher

HST Hydraulic Cone Crusher

CS Series Cone Crusher

Spring Cone Crusher

Sand Making& Screening Plant

VSI5X Vertical Shaft Impact Crusher

VSI Vertical Shaft Impact Crusher

PCL Vertical Shaft Impact Crusher

YKN series vibrating screen

Vibrating Screen

Sand Washing Machine

Belt Conveyer

Vibrating Feeder

Mobile Crushing Plant

Crawler Mobile Crushing Plant

Mobile Primary Jaw Crusher

Mobile Impact Crusher

Secondary Cone Crusher

Multi-Combination Mobile Crusher

Mobile VSI Crusher

Mobile Vibrating Screen

QUALIFICATION

GOST Certificate



Grinding Plant



Crushing Plant



Mobile Crushing Plant

CE Certificate



Grinding Plant



Crushing Plant



Sand Making Plant



ISO9001-2008
Quality Management
System Certification



Environmental management
system certificate



Service – With me, enjoy your pleasant journey.

Liming has the most experienced team of engineers with professional knowledge and spirit of dedication. To serve the clients more conveniently, they scattered all over the world to work all year round. From the site planning to the drawing design, from the technical training to the installation and debugging, from the whole working line that values millions to the small pinion that looks insignificant, they fully understand the influence factors of actual situation on customer business, and create successful solution to improve the production efficiency and the environmental quality for customer operating agency.

WORKSHOP



ENTERPRISE PROFILE



Henan Liming Heavy Industry Science & Technology Co., Ltd. , established in 1987, is the leading enterprise of mining machinery in China.

Liming Heavy Industry is chronically committed to the research and develop of manufacturing of large infrastructure projects, such as construction, energy, transportation, etc. and provides various technical solutions and auxiliary products. "Made in Liming" is highly praised by our cooperative partners from more than 130 countries and regions overseas, such as Russia, Kazakhstan, Azerbaijan, Turkey, Kuwait, South Africa, Egypt, Vietnam, Malaysia, India, Australia, Korea, Canada and the European Union,etc. Liming is deserved to be one of the most excellent enterprises with the most industry customers and the most widely sales level service network.

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