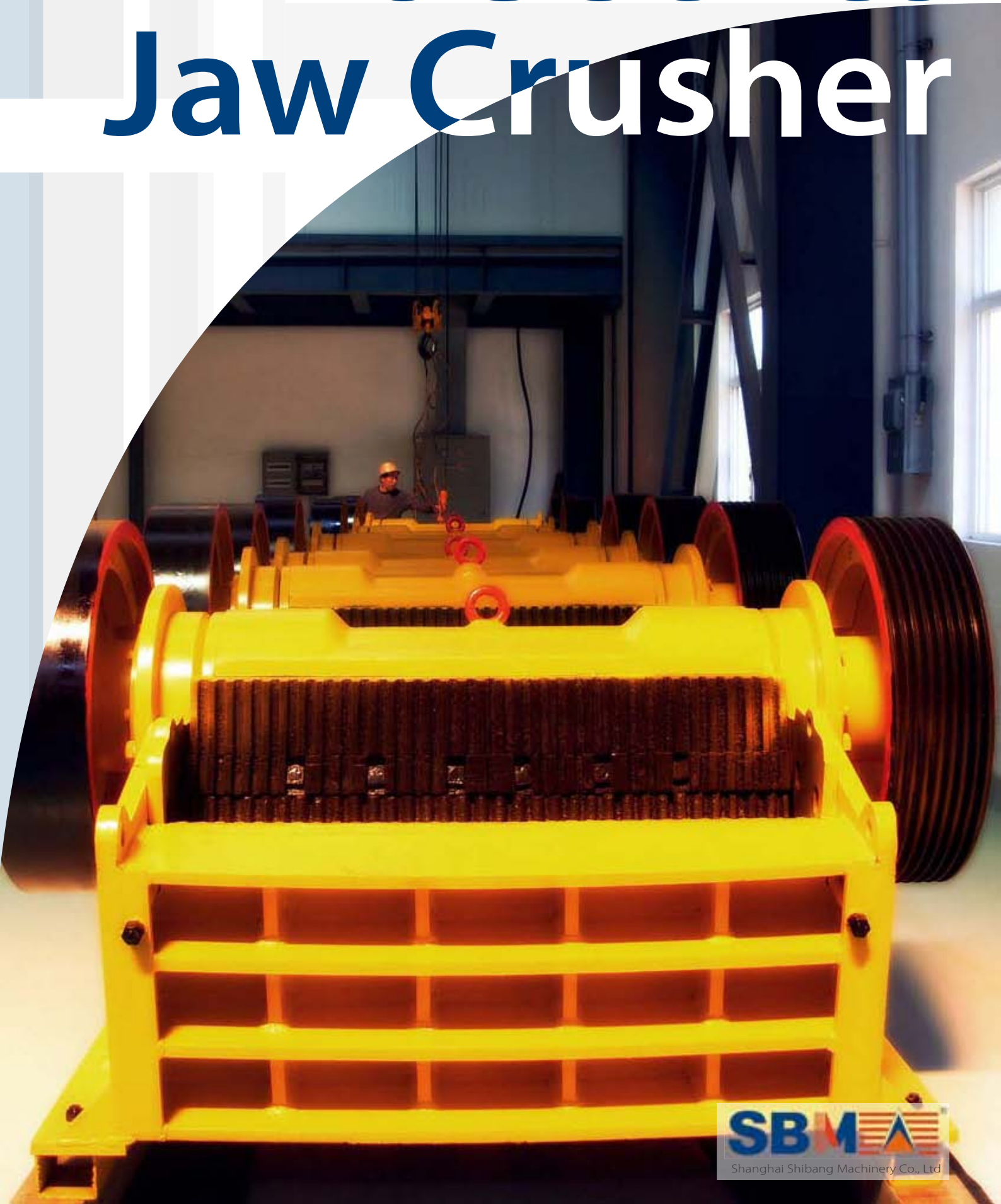


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JC Series Jaw Crusher





Overview

JC series jaw crusher, developed by SBM, has undoubtedly become the most favored jaw crusher in the world. Adopting the most advanced international crushing technology and manufacturing process, JC jaw crusher is the best choice to efficiently crush hard and highly corrosive materials at a low cost.

Application

This series of jaw crusher is mainly used to crush mid hardness ores and rocks in metallurgical industry, mining, chemistry, cement making industry, construction, refractory, pottery and porcelain making for secondary crushing and fine crushing. It is preferred to crush ores, rocks, slags, etc, whose compressive strength is under 280Mpa. Maximum size of feed materials must be less than what is required according to the specifications.



Main Features & Benefits

It is newly designed and improved by our experts on basis of their more than 20 years' crusher manufacturing and designing experience. The unique design concept makes this series crusher achieve perfect combination between efficiency and cost.

1. World-level manufacturing technology is adopted, and highest-level raw material is used.

2. Central lubricating device are installed on the machine, so the bearing is easy to be lubricated.



3. Adjustment of the discharge part is more convenient.

The adjustment methods: gasket adjustment, hydraulic assistant adjustment, wedge block and wedge hydraulic adjustment.

4. More advanced movable jaw assembly lengthens life of crusher.

Movable jaw assembly is made from cast piece with high-quality, is driven by two large flying wheels which are made from cast steel. Moreover, heavy eccentric shaft is processed by forged mold. All of these make the JC series jaw crusher extremely reliable.

5. Integral cast steel structure is adopted for bearing seat.

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 separate bearing seat does not have this advantage.

6. Finite element analysis technology is adopted to make the crusher much stronger.

7. Crusher chamber adopts "V" structure which could make actual feed width comply with the nominal one.

8. Bearing with larger model and higher load are used.

All JC jaw crusher is equipped with larger bearing compared with same model of normal jaw crusher. Its higher load capacity and effective oil seal will lengthen the life of bearing.

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

10. Pressing bar and support type are used to fix jaw plate.

11. Heavy type protecting plate is intalled for bearing seat, accidental damage of bearing seat is avoided.

12. Supporting bar under jaw plate protects movable jaw and frame from being worn down.



Operation & Maintenance

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Jaw crusher uses the power of motor. Through the motor's wheels, the triangle belt and slot wheel drive the eccentric shaft to make the movable jaw plate move by a regulated track. Then, the materials in the crushing cavity composed of fixed jaw plate, movable jaw plate and side-lee board can be crushed and discharged through the discharging opening.



Technical Data

Parameter Model Content		JC180×1300	JC250×1000	JC250×1200	JC400×600
Feeding Opening(mm)		180×1300	250×1000	250×1200	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	330	250
Theoretical Producing Capacity(t/h)		12-35	15-50	20-50	15-70
Electric Motor	Model	Y225M-6	Y225M-6	Y250M-6	Y225M-6
	Power(kw)	30	30	37	30
	Rotation Speed(rpm)	980	980	980	980
Overall Dimension(l×w×h)		1320×2150×1175	1400×1850×1310	1450×2050×1310	1920×1460×1840
Weight(kg)		6000	5600	6000	6800
Voltage(v)		380	380	380	380
Frequency(hz)		50	50	50	50

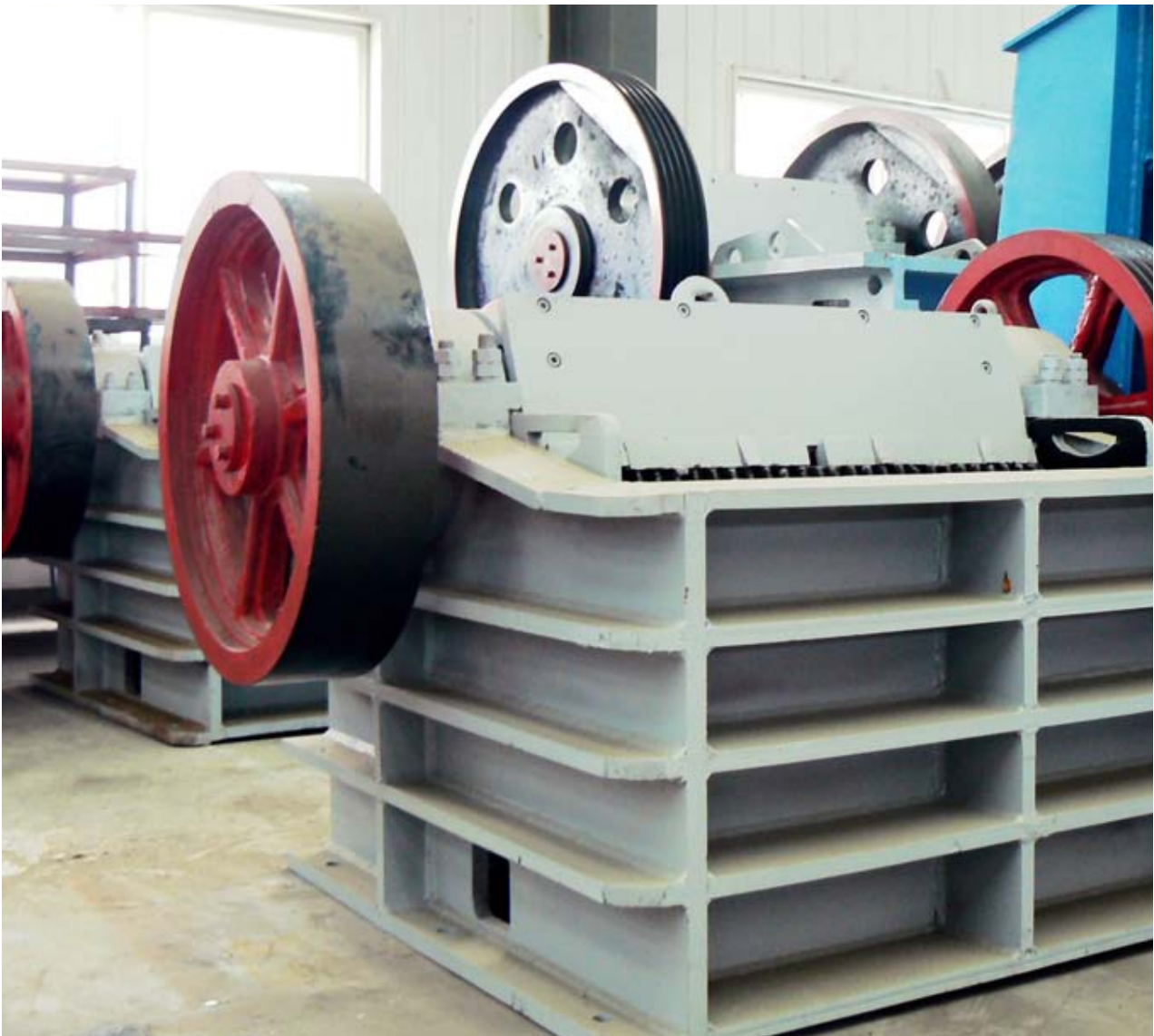
Note: This specification is just reference, any changes are subject to the JC Series Jaw Crusher products.





Working Principle

Jaw crusher uses the power of motor. Through the motor's wheels, the triangle belt and slot wheel drive the eccentric shaft to make the movable jaw plate move by a regulated track. Then, the materials in the crushing cavity composed of fixed jaw plate, movable jaw plate and side-lee board can be crushed and discharged through the discharging opening.



Service

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



Service Promise: from the design process to delivery, we do every step carefully to satisfy clients to the best.

1. Pre-sale Services

Act as a good adviser and assistant of clients; enable them to get rich and generous returns on their investments.

- ◆ Select equipment model
- ◆ Design and manufacture products according to clients' special requirement
- ◆ Train technical personnel for clients

2. Services During The Sale

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

- ◆ Pre-check and accept products ahead of delivery
- ◆ Help clients to draft 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 big items
- ◆ Provide technical exchanging
- ◆ Provide perfect service
- ◆ Distribute the guarantee fittings door-to-door
- ◆ Take initiative to eliminate the troubles rapidly at site



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JC Series Jaw Crusher

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Any change of technical data shall not be advised additionally.