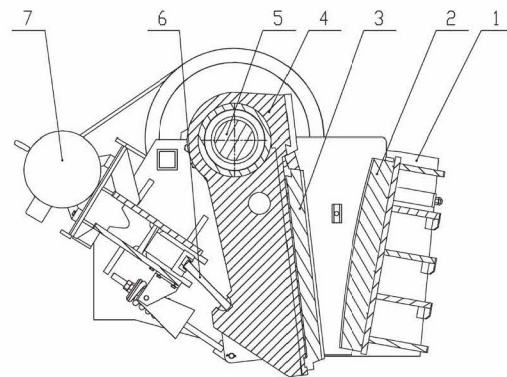
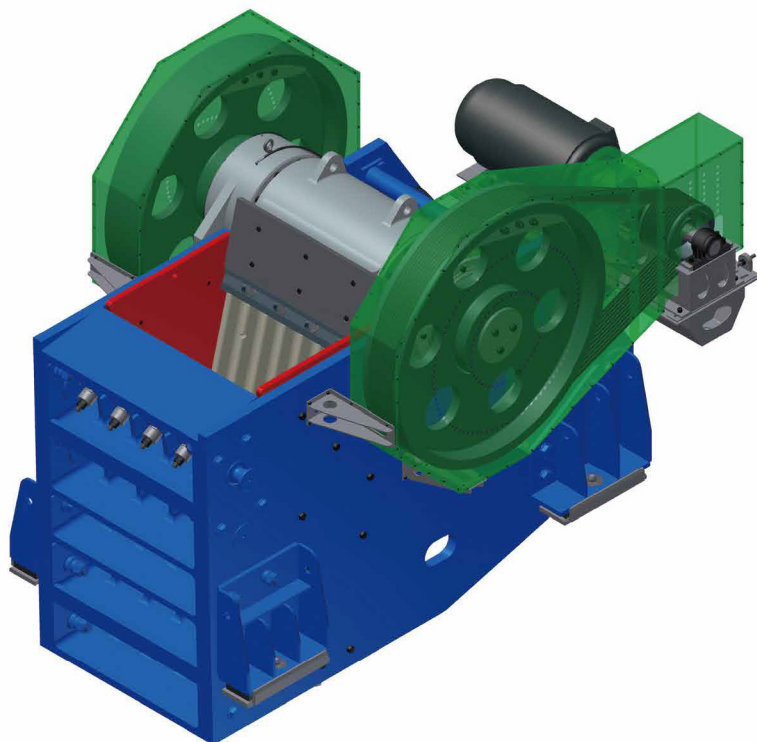


JC欧星系列颚式破碎机 *JC series Jaw Crusher*



- 1、 机架 Frame
- 2、 固定颚板 Fixed Jaw Plate
- 3、 动颚板 Movable Jaw Plate
- 4、 动颚 Movable Jaw
- 5、 偏心轴 Eccentric Shaft
- 6、 肘板 Toggle
- 7、 电机 Motor

JC欧星系列颚式破碎机是采用国际上最先进的破碎技术和研究成果,在几十年的颚式破碎机设计制造经验的基础上,采用有限元分析方法成功开发的新一代产品,该系列产品具有世界先进水平。

JC series Jaw Crusher has adopted world's most advanced crushing technology and research achievement; it is the new crushers with the world's advanced level, which are successfully developed by using finite element analysis method based on years' experience on jaw crusher design and manufacture.

与传统的颚式破碎机相比, JC欧星系列颚式破碎机在设计 and 制造方面对细节更为重视,采用高强度材料及先进的制造工艺,具有结构强度更高、设备可靠性更高、破碎比更大、产量更高、综合加工成本更低等优势。

Compared with traditional jaw crusher, JC series Jaw Crushers pay more attention to the details. Adopt high-strength material, first-class manufacturing process, and the JC series Jaw Crushers provide the advantages of excellent-strength structure, reliable equipments, higher crushing ratio, bigger capacity and lower cost.

JC欧星系列颚式破碎机主要特点 / Features and Benefits:

1、坚固的结构 *Sturdy Structure*

机架分为焊接式和组装式两种:中小型规格一般采用焊接式,大型规格一般采用组装式。

Two kinds of Frames: Welded and Packaged. Usually, Small and medium sized model adopts welded, large model adopts packaged.

焊接式采用大弧度过渡圆角、低应力区焊接方式,大大降低了应力集中,保证了机架在各方向强度的均等,具有耐冲击性、受力均匀、低故障率等特点。

Welded frame adopts wide transitional round edge, significantly reducing the stress concentration, ensure the frame under equal strength. It owns the features of good impact resistance and low failure rate, bears same pressure, etc.

组装式采用先进的模块化、无焊接框架结构设计,强度和可靠性高,同时整机组装式设计,运输、安装更加方便,特别适用于地下矿井、高海拔矿山等狭小、运输困难场所安装。

Packaged frame uses advanced modularization, no-welding frame structure design, high endurance strength and reliability. The whole set assembling design is convenient for the transporting and installation, especially suitable for installation of underground mine shaft, high altitude mine, as well as other narrow and difficult transporting place.

2、优越的腔型设计 *Extraordinary Cavity Design*

采用对称“V”形腔设计, 肘板大倾角、大冲程, 使进料粒度更大、产量更高、粒度更加均匀, 颚板磨损降低。

Symmetrical V-shaped cavity design, high inclination-angle of the toggle, big stroke and reasonable speed, allows a bigger feeding size, higher capacity, uniform particle size and lower wearing of the jaw plate.

3、重型动颚总成经久耐用 *Long Working Life of the Heavy-duty Movable Jaw Assembly.*

重型动颚总成采用锻造的重型偏心轴、高质量重载滚动轴承, 有限元软件优化的动颚体保证了动颚总成耐冲击性和稳定性高; 迷宫式密封、集中润滑系统保证了轴承油脂不被污染、润滑更加便捷, 使其运行时间更长。

Heavy-duty Movable Jaw Assembly adopts heavy-duty eccentric shaft, high quality heavy-load rolling bearings and finite element software optimized movable jaw plate ensuring impact resistance and high stability of moving jaw assembly; labyrinth seal and centralized lubrication system guarantee the bearing lubrication oil is not contaminated and lubrication becomes more convenient. Therefore the assembly can have a long working time and stability.

4、动颚护板设计 *Shield Design for the Movable Jaw*

动颚上方安装了重型护板, 可避免物料冲击, 有效保护动颚体及其内部轴承不受损坏。

Heavy shield is installed above the movable jaw to avoid the material impact. It can effectively protect the movable jaw and its internal bearing from damaging.

5、整体轴承座 *Overall Bearing Support*

整体铸钢轴承座结构保证与机架完全配合, 使轴承运行更加平稳, 避免了组合式轴承座在紧固过程中对轴承造成不必要的径向载荷。

Overall cast steel bearing housing fully compatible with the frame, avoiding the combined bearing housing has a unnecessary radial load on the bearing during the fastening process, making the bearing to run more smoothly.

6、方便快捷的排矿口调整 *Convenient Discharge Setting Adjustment*

JC系列颚式破碎机采用机械或液压方式调整排料口, 其双楔块调整方式相对于垫片调整方式操作更加简单、安全、快捷, 节省了停机时间。

JC series Jaw Crusher adopts mechanical or hydraulic adjustment for the discharge range, compared with shim adjustment, double wedge adjustment operations is simpler, secure, fast, and saves more downtime.

7、一体化电机安装 *Integrated Motor Installation*

电机座与破碎机机架一体式安装方式, 不仅节省了颚式破碎机的安装空间, 而且由于机架、电机座、电机的同步运动、可调的电机座实现了三角带张力的调节, 从而使三角带使用寿命更长。

Integrated installation of motor seat and frame can not only save installation space, but also can prolong the service life of v-belt, due to the synchronous movement of frame, motor seat, and motor, adjustable motor seat can adjust v-belt tension.

8、减振安装设计 *Vibration Absorption Design*

破碎机采用专用的橡胶减震装置固定, 有效吸收了设备振动峰值, 同时允许破碎机垂直和纵向方向的位移, 从而降低了对基础的冲击。

Crusher fixed by rubber vibration absorption device, which can effectively absorb vibration peak, while allow the crusher to move vertically and longitudinally, thus reducing the impact on the foundation.

技术参数 *Technical Data*

型号 Model	进料口尺寸 Size of Feed Opening(mm)	排料口调整范围 Discharge Range Opening(mm)	处理能力 Capacity(t/h)	电机功率 Motor Power(kw)	重量(不含电机) Weight(Excluding Motor)(t)
JC 231	510×800	40-150	50-250	55-75	8.9
JC 340	800×1060	60-175	85-300	75-90	15.6
JC 440	760×1020	70-200	120-520	90-110	23.2
JC 443	850×1100	90-215	160-510	110-160	33.7
JC 549	950×1250	110-250	260-810	132-160	49.3
JC 555	1070×1400	125-250	360-920	160-200	56.5
JC 663	1200×1600	150-300	500-1250	220-250	90.3
JC 779	1500×2000	175-300	700-1500	335-400	167.0

注: 处理能力为加工中硬物料、破碎物料松散密度为 $1.6 \times 10^3 \text{kg/m}^3$ 时的数据。

Note: the capacity is for processing middle hard material, the bulk density of the material is $1.6 \times 10^3 \text{kg/m}^3$.