

# FKL立轴冲击式制砂机

## FKL Vertical Shaft Impact Sand Making Machine

### 智能化功能 Intelligent function

1. 液压和润滑系统可根据油压、油温、流量等进行自动调节控制。
2. 主机体振动实时监测，实现故障预警和连锁保护。
3. 衬板厚度实时监测，及时发布更换提醒。
4. 启动自检功能，启停过程更加安全可靠。
5. 多传感器全方位实时监控，可实现精准控制、安全生产、故障定位诊断等功能。
6. 具有联网功能，本地数据可上传，可实现设备运行状态的实时远程监控及历史大数据分析。

1. Hydraulic and lubricating system can be automatically adjusted and controlled according to oil pressure, oil temperature, flow rate, etc.
2. Real-time monitoring of the main body vibration to realize fault early warning and chain protection.
3. The thickness of the lining board is monitored in real time, and a replacement reminder is issued in time.
4. Start the self-check function, the start and stop process is more safe and reliable.
5. Multi-sensor full-range real-time monitoring can realize functions such as precise control, safe production and fault location diagnosis.
6. With networking function, local data can be uploaded, real-time remote monitoring and historical big data analysis of equipment running status can be realized.



立式冲击破碎机是一种利用冲击和磨削原理破碎的细碎破碎机，采用先进的技术设计以达到高水准，可适用于不同的工况（一般除多水性粘附性的物料外，均可通过先期实验达到最佳效果）条件，对硬脆物料特别有效，对高硬度高研磨性物料也不失为一种有效途径，其会提供统一、均衡、坚固的立方粒形及均匀的粒级配比的物料产品。特别适用于现代工程、水利、建筑、矿山等行业对人工机制砂、混凝土、选矿粉碎等施工要求。若用户能进行合理的定期检查和维护保养，本机型可安全运行多年。具有结构简单、运行平稳，处理量大，成砂率高、产品粒形好，灵活配备“石打石”和“石打铁”等腔型，可以满足不同工况要求。

Vertical impact crusher is a fine crushing machine that uses the principles of impact and grinding. It is designed with advanced technology to achieve a high level and can be applied to different working conditions (generally except for multi-water adhesive materials, Both can achieve the best results through preliminary experiments). It is particularly effective for hard and brittle materials, and is an effective way for high hardness and abrasive materials. It will provide a uniform, balanced, strong cubic grain shape and uniform particle size. Matching material products. It is especially suitable for modern engineering, water conservancy, construction, mining and other industries to the construction requirements of artificial sand, concrete, ore dressing and crushing. If the user can carry out reasonable regular inspection and maintenance, this model can be safely operated for many years. It has a simple structure, stable operation, large processing capacity, high sand formation rate and good product shape. It is flexibly equipped with "stone-to-stone" and "stone-to-iron" cavity types to meet different working conditions.

1. 双电机驱动，动力强劲，产量更高。
2. 石打石型制砂与石打铁型制砂互换方便，制砂与整粒只需要更换料架和主体及皮带轮。
3. 采用独立液压起吊装置，更换反击架衬板与转子内外刀更方便，减少停机时间。
4. 不同头数的转子，满足不同工艺要求。
5. 稀油润滑系统确保轴承良好散热，使用寿命更长。
6. 选配的配件振动传感器可以有效地测出主机内部情况，方便用户判断主机是否处于工作状态。

1. Double motor drive, strong power and higher output.
2. Stone-making sand making and stone-making iron making sand are easy to interchange, only need to change the material frame and main body and belt pulley for sand making and granulation.
3. Adopt independent hydraulic lifting device, it is more convenient to replace the backing lining and the inner and outer blades of the rotor, reducing downtime.
4. Rotors with different head numbers meet different process requirements.
5. Thin oil lubrication system ensures good heat dissipation of the bearing and longer service life.
6. The optional accessory vibration sensor can effectively measure the internal situation of the host, which is convenient for users to judge whether the host is in working state.

### ▶ 技术参数 Technical Parameters

型号 Model	最大给料尺寸(毫米) Maximum feeding size (mm)	叶轮转速 Impeller speed (r/min)	生产能力(吨/时) Production capacity (ton / hour)	电动机功率(千瓦) Motor power (kw)	重量(千克)不包括电机 Weight (kg) excluding motor
FKL-850	40	1230-1560	200-330	200*2 ( 132*2/160*2/220*2 )	11400
FKL-850	40	1230-1560	200-330	200*2 ( 132*2/160*2/220*2 )	14000
FFKL-850L	40	1230-1560	240-400	200*2 ( 132*2/160*2/220*2 )	11500
FKL-1000	50	1070-1310	280-540	220*2 ( 160*2/200*2/250*2 )	14000
FKL-1000F	50	1070-1310	280-540	220*2 ( 160*2/200*2/250*2 )	16600
FKL-1000L	50	1070-1310	330-620	220*2 ( 160*2/200*2/250*2 )	14100
FKL-1200	60	940-1100	380-660	250*2 ( 200*2/220*2/280*2 )	15700
FKL-1200F	60	940-1100	380-660	250*2 ( 200*2/220*2/280*2 )	18200
FKL-1200L	60	940-1100	460-760	250*2 ( 200*2/220*2/280*2 )	15800
FKL-1250	150	745-1050	500-700	250*2 ( 220*2/280*2 )	23100

注1：表中电机功率为常规配置电机功率。

2：电机功率根据物料类型不同可以选配。

3：生产能力是基于物料抗压强度 $140\text{MPa}-160\text{MPa}$ ，水分不大于4%，物料的松散度 $1.6\text{t/m}^3$ ，给料均匀，电机功率在额定功率85-90%条件下得出。

Note 1: The motor power in the table is the power of the conventional configuration motor.

2: Motor power can be selected according to different material types.

3: The production capacity is based on the material's compressive strength  $140\text{MPa}-160\text{MPa}$ , the moisture content is not more than 4%, the material looseness is  $1.6\text{t/m}^3$ , the feeding is uniform, and the motor power is obtained under the condition of the rated power 85-90%.