



## 河南山腾机械设备有限公司

Henan Centbro Machinery(STM)Equipment Co.,Ltd

STM 山腾机械设备



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# 公司简介COMPANY PROFILE

河南山腾机械设备有限公司，是一家集研发、生产、销售为一体的现代化矿山设备企业。公司总部位于郑州国家高新技术开发区，占地8000平方米。公司致力于设计生产破碎机，球磨机、烘干机等矿山机械及配套设备。公司率先通过ISO9001:2008国际质量管理体系认证以及欧盟CE证书等多项认证，在不断扩大国内市场的同时，产品还不断出口到加拿大，俄罗斯，哈萨克斯坦，菲律宾，中东，南美洲，非洲等30多个国家和地区，深受用户好评。

公司拥有一支经验丰富、技术精湛的销售服务队伍和完善的销售服务网络。购机后，公司将指派专业的售后服务人员到达现场指导客户安装调试和规划管理设备。

河南山腾机械设备有限公司的全体员工正以饱满的热情，崭新的精神面貌，勤奋的工作态度，提升团队学习能力，以“质量、服务、诚信”为经营宗旨，众志成城，努力把企业做强、做精、做优。

客户的成功是我们公司成功的基础和最高最求。欢迎国内外客户来我公司考察、指导、洽谈业务。

Henan Centbro Machinery (STM) Equipment Co., Ltd. is a modern mining equipment enterprise integrating R & D, production and sales together. The company is located in Zhengzhou National High-tech Development Zone, covering an area of 8,000 square meters. The company is professional in designing and manufacturing mining machinery and supporting equipment such as crushers, ball mills and dryers. The company took the lead in passing ISO 9001:2008 international quality management system certification and EU CE certificate and other certifications. While expanding the domestic market, the products are continuously exported to Russia, Kazakhstan, Philippines, Middle East, South America, Africa and many countries and regions, well received by users.

Our company has an experienced and skilled after-sales service team and a comprehensive after-sales service network. After the purchase, the company will assign professional after-sales service engineers to the site for installing and commissioning the machine till the customer can operate the machine.

All employees of Henan Centbro Machinery (STM) Equipment Co., Ltd. are full of enthusiasm, a new spirit, a diligent working attitude, improving the team's learning ability, and taking "quality, service, integrity" as the business purpose, and uniting their efforts to strengthen the enterprise, Do fine, do excellent.

The success of our customers is the foundation and the highest priority of our company's success. Welcome customers at home and abroad to come to our company to inspect, guide and negotiate business.

## 目录 CATALOG

|                                                   |    |
|---------------------------------------------------|----|
| 颚式破碎机 Jaw Crusher .....                           | 01 |
| 欧版颚式破碎机 European Jaw Crusher .....                | 03 |
| 反击式破碎机 Impact Crusher .....                       | 04 |
| 弹簧圆锥破碎机 Spring Cone Crusher .....                 | 05 |
| 西蒙斯圆锥破碎机 cs simons Cone Crusher .....             | 06 |
| 多缸液压圆锥破碎机 Multicylinder Hydraulic Cone Crusher .. | 07 |
| VSI冲击式制砂机 vs Impact Sand Making Machine .....     | 09 |
| 振动给料机 Vibrating Feder .....                       | 10 |
| 圆振动筛 Circular Vibrating Sereen .....              | 11 |
| 螺旋洗砂机 Spiral Sand Washing Machine .....           | 12 |
| 斗式洗砂机 Bucket Sand Washing Machine .....           | 12 |
| 皮带输送机 Belt Conveyor .....                         | 13 |
| 三环磨粉机 Thre Ring Mill .....                        | 14 |
| 球磨机 Ball Mil .....                                | 15 |
| 高压磨粉机 High Pressure Pulverizer .....              | 17 |
| 欧版磨粉机 European Mil .....                          | 19 |
| 布袋除尘器 Dust Collector .....                        | 21 |
| 滚筒烘干机 Rotary Dryer .....                          | 2  |
| 三筒烘干机 Three Cylinder Dryer .....                  | 22 |
| 轮胎式移动破碎站 Tyre Type Mobile Crushing Station .....  | 23 |
| 石料生产线 Stone Production Line .....                 | 25 |
| 制砂生产线 Sand Making Line .....                      | 25 |
| 工程案例 Engineering Case .....                       | 26 |

生产现场 | Production site



生产现场 | productionsite



## 鄂式破碎机 Jaw Crusher

颞式破碎机(简称鄂破机)主要用于各种矿石与大块物料的中等粒度破碎，可破碎抗压强度不大于320 Mpa的物料，分粗破和细破两种。PE 系列鄂式破碎机规格齐全，其給料粒度125mm~1200mm。是初级破碎首选设备。颞式破碎机(鄂破机)广泛运用于矿山、冶金、建材、公路、铁路、水利和化工等多种行业。大中



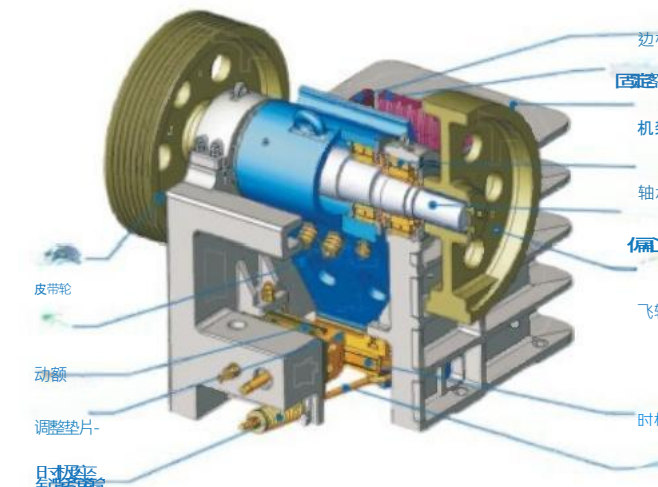
Cavity jaw crusher is mainly used for all kinds of ores and medium -size bulk materials broken,can be broken compressive strength is not more than 320Mpa materials,divi ded into coarse and fine broken two broken.PE series crusher machine specification is complete,the particle size is 125mm~ 1200mm,primary crushing equipment is preferred.Jaw orusher(jaw crusher) is widely used in mining,metallurgy.building materials,highway.railway.water conservancy and chemical industries.Large and medium-sized jaw crusher is one of the main products of our company,especially in the design and production of large jaw crusher,both at home and abroad have an absolutely leading level.

### 产品特点Product characteristics

颞式破碎机的工作部分是两块颞板，一是固定颞板（定颞），垂直（或上端略外倾）固定在机体前壁上，另一是活动颞板（动颞），位置倾斜，与固定颞板形成上大下小的破碎腔（工作腔）。颞式破碎机破碎方式为曲动挤压型，电动机驱动皮带和皮带轮，通过偏心轴使动颞上下运动，当动颞上升时肘板和动颞间夹角变大，从而推动动颞板向定颞板接近，与此同时物料被挤压、搓、碾等多重破碎；当动颞下行时，肘板和动颞间夹角变小，动颞板在拉杆、弹



The working part of jaw crusher is composed of two jaw plates, one is fixed jaw plate (fixed jaw), which is fixed on the front wall of the machine body vertically (or slightly tilted at the upper end). The other is movable jaw plate (movable jaw), which is inclined in position and forms a large and small crushing cavity (working cavity) with fixed jaw plate. The jaw crusher is of the curved extrusion type. The motor drives the belt and pulley to make the moving jaw move up and down through the eccentric shaft. When the moving jaw rises, the angle between the elbow plate and the moving jaw increases, so as to push the moving jaw plate close to the fixed jaw plate. At the same time, the material is crushed, rubbed, rolled and other multiple crushing. When the moving jaw goes down, the angle between the elbow plate and the moving jaw decreases, and the moving jaw plate is in the pull rod. Under the action of spring, it leaves the fixed jaw plate. At this time, the crushed materials are discharged from the lower opening of the crushing chamber. With the continuous rotation of the motor, the motor jaw of the crusher is used for periodic crushing and discharging, and the crusher realizes mass production.



### 主要技术参数 Main technical parameters

| 型号规格<br>Mode | 进料口尺寸<br>dInlet size | 最大进料尺寸<br>(mm) | 出料口尺寸<br>(mm) | 处理能力<br>Wh) | 偏心轴转速<br>speed (r/min) | 电机功率<br>Mot(kw) | 重量    | 外形尺寸<br>(LxWxH) (mm) |
|--------------|----------------------|----------------|---------------|-------------|------------------------|-----------------|-------|----------------------|
| PE150×250    | 150×250              | 125            | 10-40         | 1-3         | 250                    | 5.5             | 0.8   | 720×660×850          |
| PE200×300    | 200×300              | 180            | 15-50         | 2-6         | 260                    | 7.5             | 1.2   | 910×750×990          |
| PE200×350    | 200×350              | 180            | 18-70         | 3-10        | 260                    | 11              | 1.5   | 1000×870×990         |
| PE250×400    | 400×250              | 200            | 20-50         | 5-20        | 300                    | 15              | 3     | 1430×1310×1340       |
| PE400×600    | 400×600              | 350            | 40-100        | 15-60       | 275                    | 30-37           | 7     | 1700×1732×1653       |
| PE500×750    | 500×750              | 425            | 50-100        | 40-110      | 275                    | 45-55           | 12    | 2035×1921×2000       |
| PE600×900    | 600×900              | 480            | 65-160        | 90-180      | 250                    | 55-75           | 17    | 2290×2206×2370       |
| PE750×1060   | 750×1060             | 630            | 80-140        | 110-320     | 250                    | 90-110          | 29    | 2655×2302×3110       |
| PE900×1200   | 900×1200             | 750            | 95-165        | 220-450     | 200                    | 110-132         | 58    | 3800×3166×3045       |
| PE1000×1200  | 1000×1200            | 850            | 200-300       | 280-560     | 200                    | 110-160         | 69    | 5350×4280×3050       |
| PE1200×1500  | 1200×1500            | 1020           | 150-300       | 400-800     | 180                    | 160-220         | 100.9 | 6380×5310×3710       |
| PE1500×1800  | 1500×1800            | 1200           | 210-360       | 520-1100    | 280                    | 280             | 132   | 7460×6235×4249       |
| PEX150×750   | 150×750              | 125            | 18-48         | 5-16        | 320                    | 15              | 3.8   | 1200×1500×1200       |
| PEX250×750   | 250×750              | 210            | 25-60         | 15-30       | 330                    | 22-30           | 5     | 1667×1545×1020       |
| PEX250×1000  | 250×1000             | 210            | 25-60         | 15-50       | 330                    | 30-37           |       | 1550×1946×1380       |
| PEX250×1200  | 250×1200             | 210            | 25-60         | 20-60       | 330                    | 37-45           | 8.5   | 2192×1900×1950       |
| PEX300×1300  | 300×1300             | 250            | 20-90         | 30-90       | 300                    | 55-75           | 11.5  | 1750×2320×1724       |



主要技术参数

| 型号规格<br>Model | 进料口<br>尺寸Feed<br>n | 最大进料<br>尺寸The<br>ted siz<br>mm | 排料口调整<br>古围pisha<br>port adjust | 偏心轴<br>转 速<br>shat pee | 理论生<br>产能力<br>Pheoyofbin | 电动机Electric Motor |     | 外形尺寸<br>overaWlHensions | 重量<br>(t) |
|---------------|--------------------|--------------------------------|---------------------------------|------------------------|--------------------------|-------------------|-----|-------------------------|-----------|
|               |                    |                                |                                 |                        |                          | 功 率               | 转速  |                         |           |
| PEW180×1300   | 180×1300           | 150                            | 10-30                           | 320                    | 12-35                    | 30                | 980 | 1320×2150×1175          | 6         |
| PEW250×1000   | 250×1000           | 220                            | 20-40                           | 330                    | 15-50                    | 37                | 980 | 1400×1850×1310          | 5.6       |
| PEW250x1200   | 250×1200           | 220                            | 20-40                           | 330                    | 20-50                    | 37                | 980 | 1400×2050×1310          | 6         |
| PEW400×600    | 400×600            | 350                            | 35-85                           | 250                    | 15-70                    | 37                | 980 | 1920×1460×1840          | 6.8       |
| PEW760×1100   | 760×1100           | 620                            | 75-200                          | 270                    | 150-350                  | 110-132           | 985 | 2600×2500×2200          | 24        |
| PEW860x1100   | 860×1100           | 720                            | 100-225                         | 240                    | 200-500                  | 132-160           | 985 | 3300×2320×3120          | 32        |
| PEW1100×1200  | 1100×1200          | 930                            | 150-275                         | 210                    | 300-650                  | 185-200           | 740 | 4140×2660×3560          | 59.2      |

| 型 号<br>Model | 规 格<br>Specillation | 进 料 口 尺 寸<br>(mm) | 最大进料粒度<br>(mm) | 。 生 产 能 力<br>(th) y | 偏 心 轴 转 速<br>ped (rimm) | p功率     | 重 量<br>weight | 外 形 尺 寸<br>0 (erW×H) (nsim) |
|--------------|---------------------|-------------------|----------------|---------------------|-------------------------|---------|---------------|-----------------------------|
| PF-1007      | Φ1050×700           | 400×730           | 250            | 15-60               | 15-60                   | 37-55   | 9.5           | 2210×1490×2670              |
| PF-1010      | Φ1000×1050          | 400×1080          | 300            | 50-90               | 50-90                   | 55-75   | 14            | 2390×2040×2600              |
| PF-1210      | Φ1250×1050          | 400×1080          | 300            | 70-130              | 70-130                  | 110-132 | 17            | 2660×2640×2840              |
| PF-1214      | Φ1250×1400          | 400×1430          | 300            | 90-180              | 90-18                   | 132-160 | 22            | 2280×2660×2800              |
| PF-1315      | Φ1320×1500          | 860×1520          | 350            | 120-250             | 120-250                 | 180-260 | 26            | 3320×2700×2635              |
| PF-1320      | Φ1320×2000          | 860×2030          | 500            | 160-350             | 160-350                 | 300-375 | 30            | 3329×3205×3279              |

# 欧版颚式破碎机 | European Jaw Crusher

PEW 欧版颚式破碎机是我公司在吸收欧美先进颚式破碎机技术基础上，经过优化设计研发生产的新一代高效颚式破碎机。

- 1. 机架使用加强型焊接结构，轴承座为整体式铸钢结构，使设备具有更高的耐冲击性，故障率低，可靠性高。
- 2. 对称的“V”型破碎腔设计，使产量更高，出料粒度更加均匀。
- 3. 排料口调节使用楔块调整装置，使调节操作更加简单，安全和快捷。

PEW European jaw crusher is a new type of jaw crusher designed and produced by our company on the basis of absorbing advanced jaw crusher technology from Europe.

- 1. The machine frame is of reinforced welded structure, bearing block is of integral cast steel structure, make the equipment have higher impact resistance, low failure rate and high reliability.
- 2. Symmetrical “V” type crushing cavity design, make crushing ratio bigger, capacity higher and output particle size more uniform.
- 3. Wedge adjustment device is adopted in the adjustment of discharge mouth, which makes the adjustment operation much easier, safer and faster



### Main technical parameters

# 反击式破碎机 | Impact Crusher



### 产品特点 Product characteristics

反击式破碎机(反击破)能处理边长不超过500mm、抗压强度不超过350MPa 的各种粗中、细物料(花岗岩、石灰石、混凝土等),广泛应用于各种矿石破碎、铁路、高速公路和建筑行业人工砂石料的生产。反击式破碎机(反击破)是我公司在吸收国内外先进技术，结合国内砂石行业具体工矿条件而研制的最新一代反击式破碎机。

Impact crusher various processing length of not more than 500mm, the compressive strength of more than 350MPa thick, fine materials (granite, limestone, cement and so on), widely used in all kinds of ore crushing, railway, highway and construction of artificial aggregate production. Impact crusher is my company to absorb domestic and foreign advanced technology, combined with the sand industry specific mining conditions and the latest generation of counter-developed crusher.

### Main technical parameters

## 弹簧圆锥破碎机 | spring Cone Crusher

### 产品特点 Product characteristics

弹簧圆锥破碎机广泛用于矿山、冶金、建筑、筑路、化学及硅酸盐行业，破碎中等以上硬度的各种矿石和岩石，具有结构可靠、生产效率高、调整方便、使用经济等特点。其弹簧保险系统是过载保护装置，可使异物铁块通过破碎腔而不危害机器，采用干油或水两种密封形式，使石粉与润滑油隔离，保证可靠工作。破碎腔形式由矿石用途决定，标准型一般用于粗、中碎，短头型用于中、细碎，可根据用户不同需求选购。



Spring cone crusher is widely used in mining, metallurgy, construction, road building, chemical and silicate industry, crushing moderate hardness of various minerals and rocks, which has the advantages of reliable, high production efficiency, convenient adjustment, the use of economic. The spring safety system is overload protection device, can make the body iron crushing cavity and not harm by the machine by the dry oil or water two seal form, make the powder or cavity form determined by the use of standard type ore

### 主要技术参数 Main technical parameters

## 西蒙斯圆锥破碎机 | cs simons Cone Crusher

高效圆锥破碎机是河南山腾根据客户的需求，基于层压破碎原理及多破少磨概念设计研发的集高摆频、优化腔型和合理冲程于一体的现代高性能弹簧圆锥破碎机。该机性能优点使其不仅能够碎石，而且还能制砂，真正做到了抗磨损与出料细的结合，是当今大型石料厂和矿业破碎的设备之一。该系列圆锥破碎机一般从事第二或第三阶段的破碎，尤其是对于中等硬度以上的物料更具有明显的破碎功效。该机不仅破碎比大，而且具有处理量大、运营成本低、工作效率高、调整方便等优点。



**性能高** 通过腔型优化设计以及采用合理速度与冲程相结合，从而使该机型在相同动锥直径的情况下做功多。因此，与同类型的圆锥破碎机相比，具有更高的性能和生产能力。

**稳定性好** 当有铁块等破碎物进入机内时，过铁保护装置会自动将其释放，然后自动复位。过铁保护具有固定的排料口返回点，杂铁通过破碎腔后，能够迅速恢复原有的排料口。

**清腔方便** 如果破碎机在负荷状态下停机，液压清腔系统可迅速清理破碎腔，大大减少了停机时间。

**可靠性高** 采用大直径主轴、重型化主机架以及独立的稀油润滑系统的自动控制系统，保证了设备坚固耐用，运行可靠。

**维修方便** 易于操作所有的部件均能够从上部或侧面拆装，从而定锥和动锥总成均可方便拆出。青铜滑动轴承在高冲击震动破碎环境中能够保持优异的承载性能，并且比滚动轴承更经济、维修更方便。

**生产成本低** 由于生产能力大，可靠性高，维修方便，大大降低了生产成本。

**应用广泛** CS 高效圆锥破碎机的特点在于使破碎机发挥出大性能以适用于各种破碎工艺：从粗碎到细碎，从固定式破碎到移动式破碎站。Cs 系列高效圆锥破碎机从特粗碎到细碎有各种腔型可供选择，因此可根据破碎工艺流程选择破碎腔型。

**分体润滑** 多点控制的独立稀油润滑系统，可确保该机型轴承润滑的双重保护，以及可实现整机自动安全保护。

### 主要技术参数 Main technical parameters

| 型号<br>Mode | 动锥直径<br>Fixed cone<br>diameter | 进料口尺寸<br>Inlet size | 最大进料边长<br>side length (mm) | 出料口调节范围<br>Austing range of | 处理能力<br>(Uh) | 功率<br>Power (kw) | 偏心轴转速<br>d | 重量<br>Weight | 外形尺寸<br>OLxW×H (mm) |
|------------|--------------------------------|---------------------|----------------------------|-----------------------------|--------------|------------------|------------|--------------|---------------------|
| PYB600     | Φ 600                          | 75                  | 65                         | 12-15                       | 40           | 30               | 356        | 5            | 2234×1370×1675      |
| PYD600     | Φ 600                          | 40                  | 35                         | 3-13                        | 12-23        | 30               | 356        | 5. 5         | 2234×1370×1675      |
| PYB900     | Φ 900                          | 135                 | 115                        | 15-50                       | 50-90        | 55               | 333        | 11. 2        | 2692×1640×2350      |
| PYZ900     | Φ 900                          | 70                  | 60                         | 5-20                        | 20-65        | 55               | 333        | 11. 2        | 2692×1640×2350      |
| PYD900     | Φ 900                          | 50                  | 50                         | 3-13                        | 15-50        | 55               | 333        | 11. 3        | 2692×1640×2350      |
| PYB1200    | Φ 1200                         | 170                 | 145                        | 20-50                       | 110-168      | 110              | 300        | 24. 7        | 2790×1878×2844      |
| PYZ1200    | Φ 1200                         | 115                 | 100                        | 8-25                        | 42-135       | 110              | 300        | 25           | 2790×1878×2844      |
| PYD1200    | Φ 1200                         | 60                  | 50                         | 3-15                        | 18-105       | 110              | 300        | 25. 3        | 2790×1878×2844      |
| PYB1750    | Φ 1750                         | 250                 | 215                        | 25-50                       | 280-480      | 160              | 245        | 50. 3        | 3910×2894×3809      |
| PYZ1750    | Φ 1750                         | 215                 | 185                        | 10-30                       | 115-320      | 160              | 245        | 50. 3        | 3910×2894×3809      |
| PYD1750    | Φ 1750                         | 100                 | 85                         | 5-13                        | 75-230       | 160              | 245        | 50. 3        | 3910×2894×3809      |
| PYB2200    | Φ 2200                         | 350                 | 300                        | 30-60                       | 590-1000     | 280/260          | 220        | 80           | 4622×3302×4470      |
| PYZ2200    | Φ 2200                         | 275                 | 230                        | 10-30                       | 200-580      | 280/260          | 220        | 80           | 4622×3302×4470      |
| PYD2200    | Φ 2200                         | 130                 | 100                        | 5-15                        | 120-340      | 280/260          | 220        | 81. 4        | 4622×3302×4470      |

| 规格<br>specitications | 型号<br>model | 腔 型<br>Cavity type | 排料口调节<br>范围 (mm) | 给料尺寸<br>Feed size (mm) | 处理<br>Processing (t/h) | 电机功率<br>Motor power (kw) | 外形尺寸 (长×宽×高<br>Shape size (L×W×H) (mm) |
|----------------------|-------------|--------------------|------------------|------------------------|------------------------|--------------------------|----------------------------------------|
| CS-75                | CSC-75      | 标准粗型               | 13-38            | 175                    | 59-163                 | 75                       | 2656×1636×2241                         |
|                      | CSB-75      | 标准中型               | 9-22             | 102                    | 45-91                  |                          |                                        |
|                      | CSD-75      | 短头中型               | 3-13             | 41                     | 27-90                  |                          |                                        |
| CS-110               | CSC-110     | 标准粗型               | 13-38            | 160                    | 70-215                 | 110                      | 2290×1530×2036                         |
|                      | CSB-110     | 标准中型               | 10-25            | 115                    | 55-135                 |                          |                                        |
|                      | CSD-110     | 短头中型               | 6-19             | 80                     | 47-90                  |                          |                                        |
| CS-130               | CSC-130     | 标准粗型               | 13-38            | 180                    | 105-220                | 132                      | 2630×1760×2212                         |
|                      | CSB-130     | 标准中型               | 10-25            | 130                    | 72-170                 |                          |                                        |
|                      | CSB-130     | 短头中型               | 10-19            | 90                     | 70-125                 |                          |                                        |
| CS-160               | CSC-160     | 标准粗型               | 16-51            | 200                    | 135-35                 | 160                      | 2860×2070×2623                         |
|                      | CSB-160     | 标准中型               | 13-25            | 150                    | 105-180                |                          |                                        |
|                      | CSD-160     | 短头中型               | 10-19            | 102                    | 80-140                 |                          |                                        |
| CS-200               | CSC-200     | 标准粗型               | 19-51            | 215                    | 200-440                | 200                      | 2830×2200×2783                         |
|                      | CSB-200     | 标准中型               | 16-25            | 160                    | 160-230                |                          |                                        |
|                      | CSD-200     | 短头中型               | 13-22            | 115                    | 150-240                |                          |                                        |
| CS-220               | CSC-220     | 标准粗型               | 19-64            | 235                    | 230-570                | 220                      | 3360×2650×3050                         |
|                      | CSB-220     | 标准中型               | 19-38            | 175                    | 215-330                |                          |                                        |
|                      | CSD-220     | 短头中型               | 13-25            | 130                    | 180-285                |                          |                                        |
| CS-240               | CSC-240     | 标准粗型               | 22-64            | 267                    | 330-725                | 250                      | 3580×2860×3680                         |
|                      | CSB-240     | 标准中型               | 16-25            | 203                    | 240-330                |                          |                                        |
|                      | CSD-240     | 短头中型               | 10-19            | 140                    | 190-330                |                          |                                        |
| CS-360               | CSC-360     | 标准粗型               | 25-76            | 303                    | 608-998                | 360                      | 5110×4270×4350                         |
|                      | CSB-360     | 标准中                | 31-89            | 334                    | 789-1270               |                          |                                        |
|                      | CSD-360     | 短头中型               | 10-29            | 150                    | 352-617                |                          |                                        |

## 多缸液压圆锥破碎机 | Multi Cylinder Hydraulic Cone Crusher

### 产品介绍 Product introduction

多缸液压圆锥破碎机是引进德国最新的技术而开发的具有世界先进水平的高能圆锥破碎机，它是破碎速度、偏心距(冲程)以及高性能破碎腔型设计的圆满结合。它不但提高了生产能力和破碎效率，还扩大了应用范围，从石灰石到玄武岩，从石料生产到各种矿石破碎，它都可以在各种中碎、细碎、超细碎作业中提供无与伦比的破碎性能。其高转速、高破碎容量与独特的专利设计令破碎后的成品具有极其优质的立方体型，而易于维护的特点又可确保超凡的高稳定性操作，在世界各地享有盛名，是当今矿山建筑行业替代弹簧圆锥破碎机和更新一般液压圆锥破碎机的最新一代产品。

Multi cylinder hydraulic cone crusher is a world advanced high energy cone crusher developed by introducing the latest technology from Germany. It is a perfect combination of crushing speed, eccentricity (stroke) and high-performance crushing cavity design. It not only improves the production capacity and crushing efficiency, but also expands the scope of application. From limestone to basalt, from stone production to various ore crushing, it can provide unparalleled crushing performance in various medium crushing, fine crushing and ultra fine crushing operations. Its high-speed, high crushing capacity and unique patent design make the crushed products have extremely high-quality cubic shape, and the characteristics of easy maintenance can ensure extraordinary high stability operation. It is famous all over the world. It is the latest generation of products replacing spring cone crusher and renewing general hydraulic cone crusher in the mining construction industry.

### 产品特点 Product characteristics

多缸液压圆锥破碎机是我公司引进德国技术，结合中国金属材料的性能为满足发展中国家的需求而设计的一种高效破碎机。它具有如下特点：

- 1、**高效率**：该机采用固定主轴、小球面轴互等的优化结构，比老式弹簧圆锥破的效率离5%~15%。
- 2、**生产能力大**：该机将破碎冲程、破碎速度以及破碎腔形状的完美组合设计，使该机在破碎锥尺寸相同的情况下，比老式弹簧圆锥破的产量高35%~60%。
- 3、**高质量的石子**：该机采用特有的层压破碎原理，产生颗粒间的破碎作用，从而使成品申立方体所占的比例明显增高，针片状石子减少，粒级更为均匀。
- 4、**更稳定的运行**：当有铁块等不能破碎的硬物进入机内时，过铁保护装置会自动将其释放，然后立即复位。
- 5、**多点分体的液压润滑控制系统**，可确保该机轴承润滑的双重保护以及过载保护。

Multi cylinder hydraulic cone crusher is an efficient crusher designed by our company to meet the needs of developing countries by introducing German technology and combining with the properties of Chinese metal materials. It has the following characteristics:



2. Large production capacity: the perfect combination design of crushing stroke, crushing speed and crushing chamber shape makes the output of the crusher 35%-60% higher than that of the old-fashioned spring cone under the same crushing cone size.
3. High quality stones: This machine adopts the unique lamination crushing principle to produce the crushing effect between particles, so that the proportion of the finished product's cube is significantly increased, the needle-like stones are reduced, and the particle grade is more uniform.
4. More stable operation: when there are iron blocks and other hard objects that cannot be broken into the machine, their iron passing protection device will automatically release them, and then reset them immediately.
5. The multi-point hydraulic lubrication control system can ensure the double protection of bearing lubrication and overload protection.



多缸液压圆锥破碎机广泛应用于金属与非金属矿、水泥厂，砂石冶金等行业。适用中细碎普氏硬度 $\leq 5 \sim 16$ 的各种矿石和岩石，如铁矿石、有色金属矿石、花岗岩、石灰岩、石英岩、沙岩、鹅卵石等。

Multi cylinder hydraulic cone crusher is widely used in metal and non-metal ore, cement plant, sand metallurgy and other industries. It is applicable to all kinds of ores and rocks with medium and fine particle hardness  $\leq 5 \sim 16$ , such as iron ore, nonferrous metal ore, granite, limestone, quartzite, sandstone, pebble, etc.

### 主要技术参数 Main technical parameters

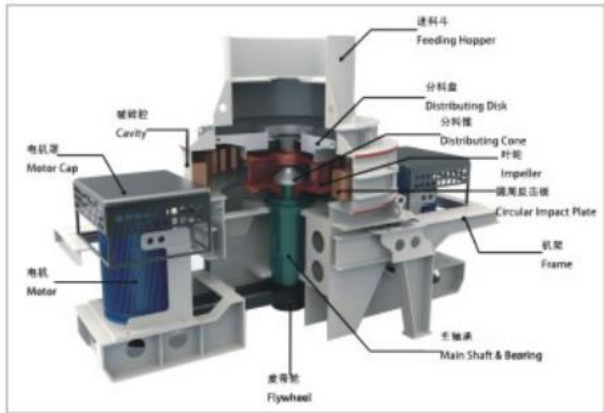
| 型号<br>Model | 磁碎障器    | 最小排料口<br>Minimum discharge | 给料口<br>material inlet<br>mm | 产量<br>yield<br>(t/h) | 电机功率<br>power of motor<br>(KW) | 要    |
|-------------|---------|----------------------------|-----------------------------|----------------------|--------------------------------|------|
| HPT-200     | F (细)   | 13                         | 95                          | 120-200              | 160                            | 13.4 |
|             | M (中)   | 16                         | 120                         | 140-220              |                                |      |
|             | C (粗)   | 19                         | 190                         | 150-250              |                                |      |
| HPT-300     | F (超细)  | 10                         | 80                          | 100-240              | 250                            | 18.1 |
|             | F (细)   | 13                         | 105                         | 110-260              |                                |      |
|             | M (中)   | 16                         | 150                         | 175-320              |                                |      |
|             | C (粗)   | 20                         | 210                         | 190-380              |                                |      |
| HPT-400     | EC (超粗) | 25                         | 230                         | 220-440              | 315                            | 26   |
|             | F (细)   | 14                         | 110                         | 185-345              |                                |      |
|             | M (中)   | 20                         | 196                         | 255-430              |                                |      |
|             | C (粗)   | 25                         | 251                         | 295-560              |                                |      |
| HPT-500     | EC (超粗) | 30                         | 295                         | 325-630              | 400                            | 37   |
|             | F (超细)  | 13                         | 95                          | 200-430              |                                |      |
|             | F (细)   | 16                         | 135                         | 280-455              |                                |      |
|             | M (中)   | 22                         | 210                         | 345-605              |                                |      |
|             | C (粗)   | 30                         | 290                         | 405-790              |                                |      |
|             | EC (超粗) | 38                         | 330                         | 445-855              |                                |      |

1.High efficiency:the machine adopts the optimized structure of fixed main shaft and small spherical surface shaft,which is 5%~15%higher than the old-fashioned spring cone breaking efficiency

VSI 冲击式制砂机 | vsI Impact Sand Making Machine

VSI冲击式制砂机是德国权威专家结合中国的工况条件最新设计的成果，是目前国内独家生产的具有世界先进水平的高性能破碎设备。它是独特的转子结构设计、耐磨材料工艺、破碎速度优化以及液压设计的完美结合。是专业细碎技术与机械制造完美结合的典范，是新技术、新工艺的充分体现。在人工制砂行业，要生产理想的机制砂产品和混凝土骨料；在石料整形领域，要获得高品质、粒形好的碎石产品；VSI 冲击式制砂机是最行之有效的一种选择。该机专为高速公路、高速铁路、高层建筑、市政、水电大坝建设、混凝土搅拌站提供优质砂石骨料，是人工制砂和石料整形领域的首选设备。

VSI impactsand making machine is the latest design result of German authoritative experts combined with China's working



| 型号<br>Model | 生产能力<br>Caposiy (Vh)                       |                                 | 最大入料尺寸<br>Max Foed Size(mm) |                        | 转速            | 双电动机功率<br>PO<br>for<br>double<br>motor<br>(kW) | 重 量  | 电 源<br>Source | 振动传<br>感 器<br>Sensor            | 释油润漫<br>Lubrication hydraulic pressure statio |                                                                                                          |                        |     | 外形尺寸<br>Overall<br>(L×W×H)<br>(mm) |
|-------------|--------------------------------------------|---------------------------------|-----------------------------|------------------------|---------------|------------------------------------------------|------|---------------|---------------------------------|-----------------------------------------------|----------------------------------------------------------------------------------------------------------|------------------------|-----|------------------------------------|
|             | 瀑落与中心<br>进料<br>Center<br>andBing<br>eeding | 全中心<br>进 料<br>Center<br>feeding | 软料<br>Soft<br>materla       | 硬料<br>Hard<br>material |               |                                                |      |               |                                 | 安全<br><br>保护                                  | 外形<br>尺 寸<br>(LxWxH<br>(mm)                                                                              | 油 箱<br>加 热<br>器功率<br>h |     |                                    |
| VSI7611     | 120-180                                    | 60-90                           | <35                         | <30                    | 1700-<br>1890 | 110                                            | 11.8 | 380v<br>50Hz  | 酬<br><br>0.-<br>连续可调<br>Inspect | 2×<br>0.31<br>KW                              | 双油泵互补保证供油<br>无油流、无油波压自<br>冬基电机加热启动<br>Totmeke wethe<br>out orby-rauli<br>suresn thmperaturef<br>nwny ean | 820×520<br>×1270       | 2KW | 3700×2150<br>2100                  |
| VSI8518     | 200-260                                    | 100-130                         | <40                         | <35                    | 1520-<br>1690 | 180                                            | 14.5 |               |                                 |                                               |                                                                                                          |                        |     | 4140×2280<br>2425                  |
| VSI9526     | 300-380                                    | 150-190                         | <45                         | <40                    | 1360          | 264                                            | 17.8 |               |                                 |                                               |                                                                                                          |                        |     | 4560×2447<br>×2778                 |
| VSI1140     | 450-520                                    | 220-260                         | <50                         | <45                    | 1180-<br>1310 | 400                                            | 25.6 |               |                                 |                                               |                                                                                                          |                        |     | 5000×2700<br>x3300                 |

振动给料机 | vibrating Feeder

产 品 介绍 Productintroduction

振动给料机在工作过程中可把块状，颗粒状物料从贮料仓中均匀，定时，连续地送入受料装置，在砂石生产线中可为破碎机连续均匀的喂料，并对物料进行粗筛分，广泛应用于冶金，煤矿，选矿，建材，化工，磨料等行业的破碎，筛分联合设备中。



| 型号规格<br>Model (mm) | 最大进料粒度<br>Max Feed-in Size (mm) | 处理能力<br>Processing Capacity (t/h) | 电动机功率<br>Motor Power (kw) | 安装倾角<br>Installatio angle (°) | 总重量<br>Weight (kg) | 槽体尺寸<br>Tank Dimen- mm) | 外形尺寸<br>Overall dimensions (L×W×H) (mm) |
|--------------------|---------------------------------|-----------------------------------|---------------------------|-------------------------------|--------------------|-------------------------|-----------------------------------------|
| GZD-650×2300       | 300                             | 80                                | 1.1×2                     | 0-10                          | 2798               | 650×2300                | 2300×1360×780                           |
| GZD-750×2500       | 350                             | 100                               | 1.5×2                     | 0-10                          | 3260               | 750×2500                | 2500×1460×780                           |
| c70-850x3000       | 400                             | 120                               | 2.6×2                     | 0-10                          | 3607               | 850×3000                | 3110×1800×1600                          |
| GZD-1000×3800      | 500                             | 150                               | 6P11                      | 0-5                           | 3895               | 1000×3600               | 3850×1950×1630                          |
| GZD-1100×4200      | 580                             | 240                               | 6P15                      | 0-5                           | 4170               | 1100×4200               | 4400×2050×1660                          |
| GZD-1100×4900      | 580                             | 280                               | 6P18.5                    | 0-10                          | 4520               | 4900×1100               | 5200×2050×1700                          |
| GZD-1300×4900      | 650                             | 450                               | 6P22                      | 0-10                          | 5200               | 4900×1300               | 5200×2350×1750                          |

| 型号规格<br>Model (mm) | 漏斗尺寸<br>Size of runnel (mm) | 最大进料粒度<br>Maxfeed size (mm) | 产量<br>Capacity (t/h) | 功率<br>Powe (kw) | 重量<br>Weigh (kg) | 外形尺寸<br>Overall dimensions (L×W×H) (mm) |
|--------------------|-----------------------------|-----------------------------|----------------------|-----------------|------------------|-----------------------------------------|
| zSW-850×3000       | 850×3000                    | 400                         | 80-120               | 7.5             | 4000             | 3110×1800×1600                          |
| ZSW-960×3800       | 960×3800                    | 500                         | 120-210              | 11              | 4400             | 3850x1950x1630                          |
| ZSW-1100×4900      | 1100×4900                   | 580                         | 280-450              | 15              | 5400             | 5200×2050x1700                          |
| ZSW-1300×4900      | 300                         | 650                         | 450-600              | 22              | 6000             | 5200×2350x1750                          |
| ZSW-1500×6000      | 1500×6000                   | 800                         | 600-1000             | 30              | 8800             | 6082×2660×2400                          |

conditions,and it is the exclusive productionof high-performance crushing equipment with the world's advanced levelin China at present.It is a perfect combination of unique rotor structure design,wear-resistant material technology,crushing speed optimization and hydraulic design.It is a model of perfect combination of professional fine crushing technology and mechanical manufacturing,and a full embodiment of newtechnology and new process.In the field of artificial sand making,it is necessary to produce ideal machine-made sand products and concrete aggregates;in the field of stone shaping,it is necessary to obtain high-quality and fine-grained gravel products;VSI impactsand making machine is the most effective choice.This machine is specially designedto provide high-quality aggregate for expressway.high-speed railway.high-rise building,municipal administration,hydropower dam construction and concrete mixing station.It is the preferred equipment in the field of artificial sand making and stone shaping.

主要技术参数Main technical parameters

邮箱：admin@centbro.com      Web:http://www.stmcrusher.cn(中文) http://www.centbrocrusher.com(英语)

In the process of operation,the vibrating feeder can send the block and granular materials from the storage bin evenly,regularly and continuously to thereceiving device.In the sand and stone production line it can feed the crusher continuously and evenly,and coarse screen the materials.Itis widely used in the crushing andscreening combined equipment of metallurgy,coal mine,mineral processing,building materials,chemical industry,abrasives and other industries.

主要技术参数Main technical parameters

Main technical parameters

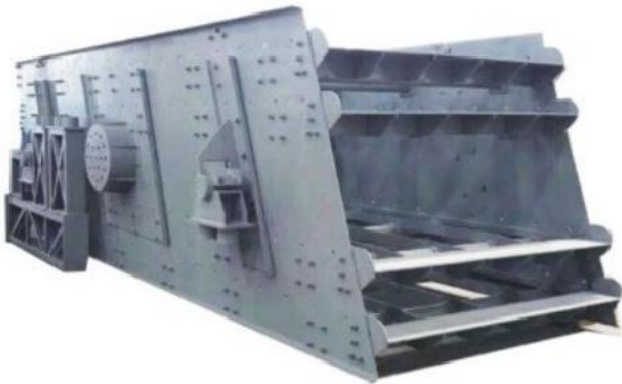
邮箱：admin@centbro.com      Web:http://www.stmcrusher.cn(中文) http://www.centbrocrusher.com(英语)

圆振动筛 | Circular Vibrating Screen

产品介绍Product introduction

YK 系列圆振动筛引进德国技术制造的高效振动筛，振幅强弱可调节，物料筛淌线长，多层筛分，各档规格筛选清晰，筛分效率高。适宜采石场筛分砂石料，也可供选煤、选矿、建材、电力及化工等行业作产品分级用。

YK series round vibrating screen is an efficient vibrating screen manufactured by German technology,with adjustable amplitude,long running line of material screen,multi-layer screening,clear screening of specificationsand high screening efficiency.It issuitable for screening sand and stone materials in quarries,as well as for product grading in coal preparation,mineral processing,building materials,power and chemical industries.



| 型号<br>Model | 筛网面积<br>Sieve size(mm) | 筛网数量<br>Layer | 筛孔尺寸Mesh size<br>(mm) | 最大进料尺寸Max.<br>Feed size(mm) | 处理量<br>Capacity (th) | 功率Power<br>(kw) | 外形尺寸<br>Dimensions<br>(mm) | 重量<br>Weight<br>(t) |
|-------------|------------------------|---------------|-----------------------|-----------------------------|----------------------|-----------------|----------------------------|---------------------|
| YK0824      | 2400x800               | 1             | 3-100                 | 300                         | 27-150               | 4               | 3070x1350x1110             | 2.2                 |
| 2YK0824     | 2400x800               | 2             | 3-100                 | 300                         | 27-150               | 4               | 3070x1350x1110             | 2.5                 |
| 2YK1237     | 3700×1200              | 2             | 3-100                 | 300                         | 10-80                | 11              | 4050x1860x870              | 3.2                 |
| 3YK1227     | 3700×1200              | 3             | 3-100                 | 300                         | 10-80                | 11              | 4270x1860x1210             | 3.5                 |
| 2YK1548     | 4800×1500              | 2             | 3-100                 | 400                         | 30-200               | 15              | 5420×2210x1230             | 4.6                 |
| 3YK1548     | 4800x1500              | 3             | 3-100                 | 400                         | 30-200               | 15              | 5660x2210x1610             | 5.5                 |
| 2YK1848     | 4800×1800              | 2             | 3-100                 | 400                         | 50-250               | 18.5            | 5420x2550x1420             | 4.9                 |
| 3YK1848     | 4800x1800              | 3             | 3-100                 | 400                         | 50-250               | 18.5            | 5660x2550x1780             | 5.7                 |
| 4YK1848     | 4800×1800              | 4             | 3-100                 | 400                         | 50-250               | 18.5            | 6290x2550x2160             | 6.4                 |
| 2YK1860     | 6000×1800              | 2             | 3-100                 | 400                         | 65-586               | 22              | 6860x2440x1410             | 6.1                 |
| 3YK1860     | 6000×1800              | 3             | 3-100                 | 400                         | 65-586               | 22              | 6990×2440x1760             | 6.9                 |
| 4YK1860     | 6000×1800              | 4             | 3-100                 | 400                         | 65-586               | 30              | 7120x2440x2110             | 8.1                 |
| 2YK2160     | 6000×2100              | 2             | 3-100                 | 400                         | 81-720               | 22              | 6720x2840x1530             | 6.5                 |
| 3YK2160     | 6000×2100              | 3             | 3-100                 | 400                         | 81-720               | 30              | 7030×2840x1910             | 7.2                 |
| 4YK2160     | 6000×2100              | 4             | 3-100                 | 400                         | 81-720               | 30              | 7300x2840x2380             | 8.5                 |
| 2YK2460     | 6000×2400              | 2             | 3-150                 | 400                         | 100-810              | 30              | 6860x3040x1410             | 6.8                 |
| 3YK2460     | 6000×2400              | 3             | 3-150                 | 400                         | 100-810              | 37              | 6990x3040x1760             | 8.2                 |
| 4YK2460     | 6000×2400              | 4             | 3-150                 | 400                         | 100-810              | 37              | 7120x3140x2110             | 9.3                 |
| 2YK3070     | 7000x3000              | 2             | 3-150                 | 400                         | 180-900              | 37              | 7860x3640x1540             | 9.5                 |
| 3YK3070     | 7000x3000              | 3             | 3-150                 | 400                         | 180-900              | 45              | 7990x3640x1890             | 12                  |
| 4YK3070     | 7000x3000              | 4             | 3-150                 | 400                         | 180-900              | 45              | 8120x3640x2240             | 14.4                |

螺旋洗砂机 | spiralSand Washing Machine

产品介绍Product introduction

螺旋洗砂机适用于冶金、建材、水电等行业的洗选、分级、除杂等作业，用于细粒度和粗粒度物料的洗选作业。对建筑用砂、筑路用砂石尤为适宜。螺旋洗砂机功率消耗小、洗净度高，密封结构好、全封闭传动装置，可调式堰板，确保了产品高效耐用，清洗脱水，细粒产品保持稳定等特点。

The spiral sand washing machine is suitable for the washing,classification and impurity removalof metallurgy,building materials,hydropower and other industries,as well as for the washing of fine-grained and coarse-grained materials.It is suitable for building sand and road sand.The spiralsand washing machine features small power consumption,high cleaning degree,good sealing structure,fully closed transmission device,adjustable weir plate,ensuring high efficiency and durability of products,cleaning and dehydration,and stable fine products.



| 型号<br>Model | 螺旋直径<br>Spiral diameter (mm) | 螺旋长度<br>Spiral Length (mm) | 处理量<br>Capacity (m³ /h) | 功率<br>Power (kw) | 重量<br>Weight (t) |
|-------------|------------------------------|----------------------------|-------------------------|------------------|------------------|
| XSL-500     | 500                          | 5000                       | 12-20                   | 3                | 2.5              |
| XSL-750     | 750                          | 6500                       | 40-55                   | 5.5              | 3.8              |
| XSL-1000    | 1000                         | 7500                       | 60-75                   | 7.5              | 6.7              |
| XSL-1200    | 1200                         | 7500                       | 80-100                  | 11               | 10.8             |
| XSL-1500    | 1500                         | 8500                       | 100-130                 | 18.5             | 13.7             |
| XSL-1800    | 1800                         | 8500                       | 110-150                 | 22               | 15.4             |
| XSL-2000    | 2000                         | 8500                       | 130-170                 | 22               | 19               |
| 2XSL-1000   | 1000                         | 7500                       | 120-150                 | 7.5x2            | 8.9              |
| 2XSL-1200   | 1200                         | 7500                       | 160-220                 | 11x2             | 13.2             |

斗式洗砂机 | Bucket Sand Washing Machine

轮斗洗砂机主要分为单轮斗洗砂机、双轮斗洗砂机、三轮斗洗砂机；用于建筑砂石料等的洗选脱水，是配合制砂机使用的一种水洗式制砂的必备设备。可以洗去制砂机制出的混合砂子微量的石粉和杂质，从而提高砂子的质量；该机洗净度高、结构合理、处理量大、功耗小、砂子流失少(洗砂过程中)。

Wheel bucketsand washer is mainly divided into single-wheel bucketsand washer,double-wheel bucket sand washer and three-wheel bucket sand washer.It is used for washing and dewatering of buildingsand and gravel,and is a necessary equipment for washing sand with sand machine.It can washoff the trace stone powder and impurities of the mixedsand produced by the sand making machine,thus improving the quality of the sand.The machine has high cleanliness.



| 型号      | 进料叶轮规格<br>(外径×宽度)<br>spechcaios | 叶轮转速<br>Feed<br>pze (mm) | 处理量<br>Capacity<br>(th) | 电机功率    |      | 外形尺寸<br>(长×宽×高)<br>dmnsons |
|---------|---------------------------------|--------------------------|-------------------------|---------|------|----------------------------|
| XSD2610 | φ2600×1000                      | ≤10                      | 20-50                   | 5.5     | 2.68 | 3255×1982×2690             |
| XSD2816 | φ2800×1600                      | ≤10                      | 30-60                   | 7.5-11  | 5.3  | 3540×3000×2880             |
| XSD3016 | φ3000×1600                      | ≤10                      | 50-120                  | 11-15   | 6.5  | 3845×3000×3080             |
| XSD3620 | φ3600×2000                      | ≤10                      | 70-150                  | 18.5-30 | 9.8  | 4456×3479×3688             |



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## 皮带输送机 Belt Conveyor

我公司生产的带式输送机具有输送量大、结构简单、维修方便、部件标准化等特点，广泛应用于矿山、冶金和煤炭等行业，用来输送松散物料或成件物品。根据输送工艺要求，可以单台输送，也可多台组成或与其他输送设备组成水平或倾斜的输送系统，以满足不同布置形式的作业线需要。

The belt conveyor produced by our company has the characteristics of large conveying capacity, simple structure, convenient maintenance, standardized components, etc. it is widely used in mining, metallurgy, coal and other industries to transport loose materials or finished goods. According to the requirements of the conveying process, it can be transported by a single set, or by several sets or by other conveying equipment to form a horizontal or inclined conveying system, so as to meet the needs of different types of operation lines.



| Belt Width (mm) | Belt Length (m) / Power (kw) |               |               | Belt Speed (m/s) | Capacity (t/h) |
|-----------------|------------------------------|---------------|---------------|------------------|----------------|
|                 | ≤12/2.2                      | 12~20/2.2~4   | 20~25/3.5~7.5 |                  |                |
| 400             | ≤12/2.2                      | 12~20/2.2~4   | 20~25/3.5~7.5 | 1.25~2.0         | 30~60          |
| 500             | ≤12/3                        | 12~20/3.5~5.5 | 20~30/5.5~7.5 | 1.25~2.0         | 40~80          |
| 650             | ≤12/4                        | 12~20/4~5.5   | 20~30/5.5~11  | 1.25~2.0         | 80~120         |
| 800             | ≤10/4                        | 10~15/4~5.5   | 15~30/5.5~15  | 1.25~2.0         | 120~200        |
| 1000            | ≤10/5.5                      | 10~20/5.5~11  | 20~40/11~22   | 1.25~2.0         | 200~320        |
| 1200            | ≤10/7.5                      | 10~20/7.5~15  | 20~40/15~30   | 1.25~2.0         | 290~480        |
| 1400            | ≤10/11                       | 10~20/11~22   | 20~40/22~45   | 1.25~2.0         | 400~680        |
| 1600            | ≤10/15                       | 10~20/22~30   | 20~50/30~75   | 1.25~2.0         | 600~1080       |

## 三环磨粉机 Three Ring Mill



### 产品介绍 Product introduction

三环磨粉机主要适用于对中、低硬度，莫氏硬度≤6级的非易燃易爆的脆性物料的超细粉加工。同属磨粉设备类别的三环中速超细磨粉机具有磨粉设备同种生产原理及技术。其高效技能特点比气流磨、微粉磨、球磨机等设备产量提升一倍不止，产品细度高可同超细磨粉机相媲美。

The three ring mil is mainly used for the processing of ultra-fine powder for the brittle materials with medium and low hardness and Mohs hardness ≤6. The three ring medium speed superfine grinding machine with the same grinding equipment category has the same production principle and technology. Its high efficiency and technical features are more than double the output of airflow mill, micro powder mill, ball mill and other equipment, and the fineness of the products can be comparable with that of the micropowder mill.

| 型号 Model                                         | HGM8021    | HGM902       | HGM10027 | HGM10036 |
|--------------------------------------------------|------------|--------------|----------|----------|
| 平均工作直径 (mm) Average working diameter             | 800        | 900          | 1000     | 1000     |
| 环道数量/层 Number of loops/layer                     | 3          | 3            | 3        | 4        |
| 磨辊数量/个 Number of grinding rollers/plece          | 21         | 24           | 27       | 36       |
| 主轴转速/r.p.min Spindle speed/r.p.min               | 230        | 200          | 180      | 180      |
| 入料粒度/mm Fed particle size/mm                     | ≤20        | ≤20          | ≤20      | ≤20      |
| 成品粒度范围/um Particleslze range of finished product | 5-42       | 5-47         | 5-42     | 5-47     |
| 成品产量/t/h Finished product output                 | 0.4-45     | 0.4-5.5      | 0.6-6.5  | 0.7-7.5  |
| 安装外形长x宽x高 LXWXH/m                                | 13.9x4x6.2 | 14.7x4.8x7.2 | 18x46xR6 | 18x4.6x8 |
| 整机容量/KW Total capacity                           | 145        | 192          | 263      | 263      |



# 球磨机Ball Mill

## 产品介绍Product introductior

球磨机广泛应用于建材、化工、水泥、硅酸盐制品、新型建筑材料、耐火材料、化肥、黑有色金属选矿以及玻璃陶瓷等行业粉磨各种中等硬度矿石及其它物料。根据加工工艺，分为干式和湿式两种粉磨方式。

Ball Mill is widely used in milling kinds of the materials, such as cement, new construction materials, ordinary portland cement, chemical fertilizer, dressing of the black nonferrous metal, glass and ceramics, etc. According to the processing technic, it is divided into dry and wet two style mills.

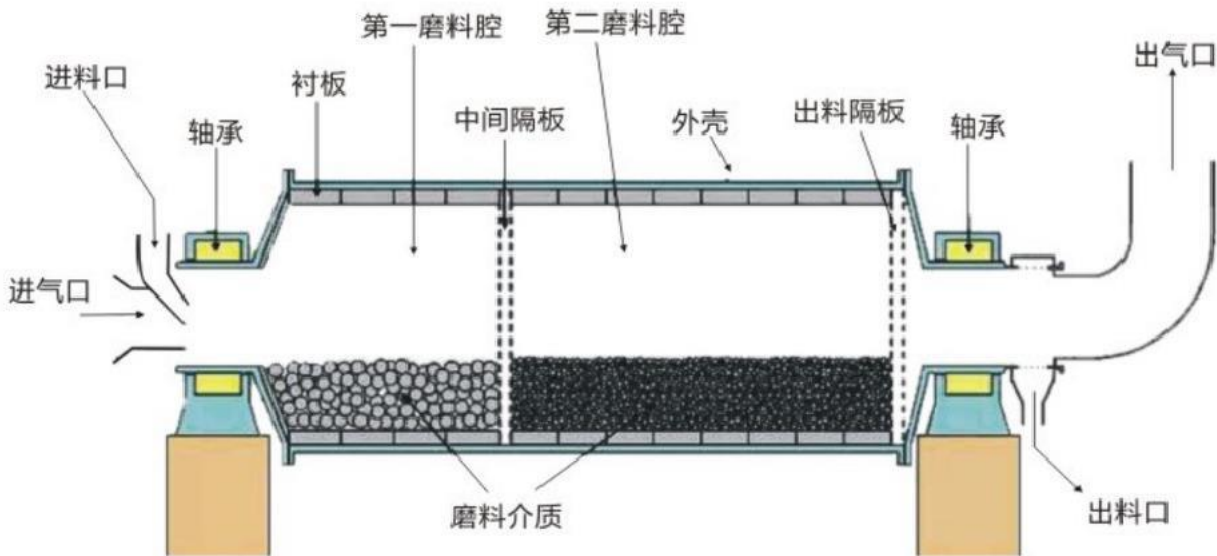


## 结构特点Structural characteristics

本机由给料部、出料部、回转部、传动部(减速机，小传动齿轮，电机，电控)等主要部分组成。中空轴采用铸钢件，内衬可拆换，回转大齿轮采用铸件滚齿加工，筒体内镶有耐磨衬板，具有良好的耐磨性。本机运转平稳，工作可靠。

注：根据物料及排矿方式，可选择干式球磨机和湿式格子型球磨机。

The machine is composed of feeding part,discharging part,turning part,transmission part (reducer,small ransmission gear,motor,electric control),etc.The hollow shaft is made of steel casting,the iner lining is detachable and replaceable,the rotary gear is processed by casting gear hobbing,and the cylinder body is inlaid with wear-resistant liningplate,which has good wear resistance.This machine runs stably and works reliably.



## 工作原理Working principle

球磨机为卧式筒形旋转装置，外沿齿轮传动，两仓型球磨机。物料由进料装置经入料中空轴螺旋均匀地进入磨机第一仓，该仓内有阶梯衬板或波纹衬板，内装不同规格钢球，筒体转动产生离心力将钢球带到一定高度后落下，对物料产生重击和研磨作用。物料在第一仓达到粗磨后，经单层隔仓板进入第二仓，该仓内镶有平衬板，内有钢球，将物料进一步研磨。粉状物通过卸料算板排出，完成粉磨作业。

The ball mill is a horizontal cylindrical rotating device, driven by external gears and a two chamber ball mill. The material enters the first chamber of the mill evenly by the feeding device through the feeding hollow shaft spiral. There are ladder lining plates or corrugated lining plates in the chamber, which are equipped with steel balls of different specifications. The cylinder rotation produces centrifugal force to bring the steel balls to a certain height and then fall down, which has a heavy impact and grinding effect on the material. After coarse grinding of materials in the first bin, the materials enter the second bin through a single-layer partition board. The bin is inlaid with a flat lining board and a steel ball to further grind the materials. The powder is discharged through the discharging grate plate to complete the grinding operation.

| 型号规格<br>Model (mm) | 筒体转速<br>Rotat<br>n: Cr<br>aher<br>(r/min) | 装球量<br>Ball Load<br>(t) | 给料粒度<br>Feed-In ma ria<br>mm | 出料粒度<br>Feed<br>Material Size<br>mm | 产 量<br>Output (t/h) | 功率<br>P <sub>we</sub> kw | 机 重<br>Weight (t) |
|--------------------|-------------------------------------------|-------------------------|------------------------------|-------------------------------------|---------------------|--------------------------|-------------------|
| Φ900×1800          | 36~38                                     | 1.5                     | ≤20                          | 0.075~0.89                          | 0.65~2              | 18.5                     | 4.6               |
| Φ900×3000          | 36                                        | 2.7                     | ≤20                          | 0.075~0.89                          | 1.1~3.5             | 22                       | 5.6               |
| Φ1200×2400         | 36                                        | 3                       | ≤25                          | 0.075~0.6                           | 1.5~4.8             | 30                       | 12                |
| Φ1200×3000         | 36                                        | 3.5                     | 625                          | 0.074~0.4                           | 1.6~5               | 37                       | 12.8              |
| Φ1200×4500         | 32.4                                      | 5                       | ≤25                          | 0.074~0.4                           | 1.6~5.8             | 55                       | 13.8              |
| Φ1500×3000         | 29.7                                      | 7.5                     | ≤25                          | 0.074~0.4                           | 2~5                 | 75                       | 15.6              |
| Φ1500×4500         | 27                                        | 11                      | ≤25                          | 0.074~0.4                           | 3~6                 | 90                       | 21                |
| Φ1500×5700         | 28                                        | 12                      | ≤25                          | 0.074~0.4                           | 3.5~6               | 130                      | 24.7              |
| Φ1830x300          | 25.4                                      | 11                      | ≤25                          | 0.074~0.4                           | 4~10                | 130                      | 28                |
| Φ1830×4500         | 25.4                                      | 15                      | ≤25                          | 0.074~0.4                           | 4.5~12              | 155                      | 32                |
| Φ1830x6400         | 24.1                                      | 21                      | ≤25                          | 0.074~0.4                           | 6.5~15              | 210                      | 34                |
| Φ1830×7000         | 24.1                                      | 23                      | ≤25                          | 0.074~0.4                           | 7.5~17              | 245                      | 36                |
| Φ2100×3000         | 23.7                                      | 15                      | ≤25                          | 0.074~0.4                           | 6.5~36              | 210                      | 34                |
| Φ2100×4500         | 23.7                                      | 24                      | ≤25                          | 0.074~0.4                           | 8~43                | 245                      | 42                |
| Φ2100x700          | 23.7                                      | 26                      | 625                          | 0.074~0.4                           | 8~48                | 280                      | 50                |
| Φ2200×4500         | 21.5                                      | 27                      | ≤25                          | 0.074~0.4                           | 9~45                | 280                      | 48.5              |
| Φ2200×6500         | 21.7                                      | 35                      | ≤25                          | 0.074~0.4                           | 14~26               | 370                      | 52.8              |
| Φ2200×7000         | 21.7                                      | 35                      | ≤25                          | 0.074~0.4                           | 15~28               | 380                      | 54                |
| Φ2200×7500         | 21.7                                      | 35                      | ≤25                          | 0.074~0.4                           | 15~30               | 380                      | 56                |
| Φ2400×4500         | 21                                        | 30                      | ≤25                          | 0.074~0.4                           | 8.5~60              | 320                      | 65                |
| Φ2700×4000         | 20.7                                      | 40                      | ≤25                          | 0.074~0.4                           | 12~80               | 400                      | 94                |
| Φ2700×4500         | 20.7                                      | 48                      | ≤25                          | 0.074~0.4                           | 12~90               | 430                      | 102               |
| Φ3200×4500         | 18                                        | 65                      | ≤25                          | 0.074~0.4                           | 按工艺条件定              | 800                      | 137               |



## 高压磨粉机High Pressure Pulverizer

高压磨粉机适用于粉碎重晶石、石灰石、陶瓷、矿渣等莫氏硬度不大于9.3级，湿度在8%以下的非易燃易爆的矿山、冶金、化工、建材等行业280多种物料的高细制粉加工，成品粒度在80-425目范围调节。

The high-pressure grinder is suitable for crushing more than 280 kinds of materials with Mohs hardness nomore than 9.3 and humidity less than 8%,such as barite,limestone,ceramics,slag,etc.in mining,metallurgy, chemical industry,building materials and other industries.The particle size of the finished product is adjusted in the range of 80-425 items.

### 产品特点Product characteristics

1、高压磨与其他磨机相比相同等动力条件下产量提高10-20%,磨辊对物料的碾压力在高压弹簧作用下提高800- 1200kg。

2、莫氏硬度小于9.3级的矿产物料均可加工粉碎。

3、成品粒度范围广。粒径最粗可达30目，除尘效果完全 可达425目，少部分物料可达到600目。

4、除尘效果完全达到国家粉尘排放标准。

5、分析机调整方便。

6、研磨装置采用重叠式多级密封。

1.Comparing with other mill,with the same power,the production can increase 10-20%;with the high pressure spring,the pressure of the roll raises800-1200kg.

2.All the materials,with moth's hardness less than 9.3,can be milled.

3.Large scope of the finished products size:coarse size can reach 30 meshes at the maximum,dustremoving effect can reach 425meshes, some can be 600meshes.

4.Dustremoving effect can reach the national standard.

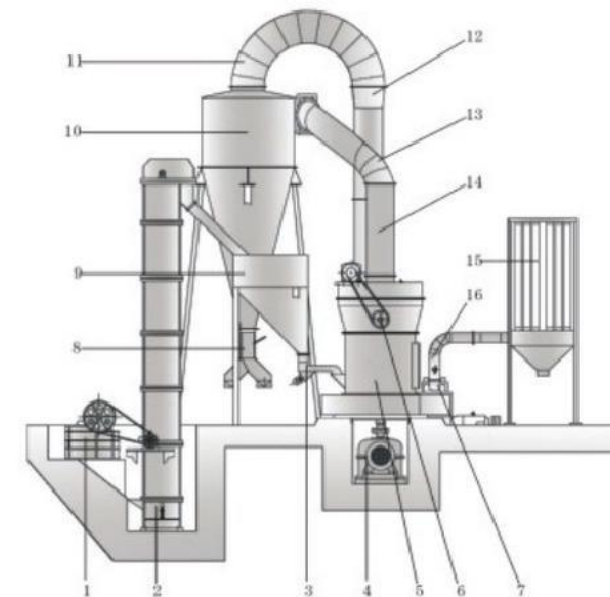
5.Analyzer can beeasily adjusted.

6.Milling equipment overlapped multistep sealed.



## 配套设备示意图

Schematic diagram of supporting equipment



- |                              |                            |
|------------------------------|----------------------------|
| 1、颚式破碎机Jawcrusher            | 2、参斗提升机Bucket elevato1     |
| 3. 电磁振动给料机Vibrating feeder   | 4、传动装置Gearbox              |
| 5、主机Main machind             | 6、分析机 Analyzer             |
| 7、鼓风机Blower                  | 8、下料器 Discharger           |
| 9、储料仓 Hopper                 | 10、旋风分离器 Powder collector  |
| 11、大弯头 Large bend pipe       | 12、进风长直管 Straightpipe      |
| 13、出粉管 Discharge powder pipe | 14、管道装置 Pipe device        |
| 15、除尘箱 Dust catcher box      | 16,调风管 Air regulating pipe |

### 设备生产线配置表 Equipment production line configuration table

| 型号Model                         |                   | YGM75        | YGM95     | YGM130    | YGM160     | YGM190     |
|---------------------------------|-------------------|--------------|-----------|-----------|------------|------------|
| 产量Capacity                      |                   | 0. 8-1. 5t/h | 2. 5-4t/h | 4. 5-7t/h | 7-11t/h    | 11-15t/h   |
| 磨粉机功率<br>Grinding mill<br>power | 主机<br>Grinder     | 18. 5        | 45        | 90        | 132        | 185        |
|                                 | 风机<br>Blower      | 15           | 37        | 90        | 132        | 185        |
|                                 | 分析机<br>Classifier | 2. 2         | 5. 5      | 7. 5      | 15         | 22         |
| 鄂破<br>Jaw crusher               | 型号<br>Model       | PE150x250    | PE200x350 | PE250x400 | PEX250x750 | PEX250x750 |
|                                 | 功率<br>Power       | 5. 5         | 7. 5      | 15        | 22         | 22         |
|                                 | 型号<br>Model       | T210         | T210      | T250      | T315       | T400       |

主要技术参数Main technical parameters

| 型号<br>Model | 磨辊数量<br>Roller<br>Number<br>(pc) | 磨辊尺寸<br>Boller size<br>(mm) | 磨环尺寸<br>Ring size<br>(mm) | 最大进料<br>Max. feed<br>size<br>(mm) | 出料粒度<br>Output size<br>(mm) | 产量<br>Capacity<br>t/h | 功 率<br>Power<br>(kw) | 外形尺寸<br>Overall Dimension<br>LxWxH(mm) |
|-------------|----------------------------------|-----------------------------|---------------------------|-----------------------------------|-----------------------------|-----------------------|----------------------|----------------------------------------|
| YGM75       | 3                                | 260x150                     | 780x150                   | ≤15                               | 0.613-0.033                 | 1-3                   | 18.5                 | 4300x3500x5100                         |
| YGM95       | 4                                | 310x190                     | 950x190                   | ≤25                               | 0.613-0.033                 | 2.1-5.6               | 45                   | 7100x5900x7900                         |
| YGM130      | 5                                | 410x230                     | 1280x230                  | ≤30                               | 0.613-0.033                 | 2.5-9.5               | 90                   | 7900x8000x9700                         |
| YGM160      | 6                                | 450x300                     | 1600x300                  | ≤35                               | 0.613-0.033                 | 5-16                  | 132                  | 12550x5700x8355                        |
| yGM190      | 6                                | 500x330                     | 1900x320                  | ≤40                               | 0.613-0.033                 | 9-27                  | 250                  | 11200x8530x9685                        |

|                   |             |                                                                              |      |      |      |      |
|-------------------|-------------|------------------------------------------------------------------------------|------|------|------|------|
| 斗式提升机<br>Elevator | 功率<br>Power | 3                                                                            | 3    | 3    | 4    | 4    |
| 给料机<br>Feeder     | 型号<br>Model | GZ-2                                                                         | GZ-4 | GZ-4 | GZ-5 | GZ-5 |
|                   | 功率<br>Power | 0.15                                                                         | 0.45 | 0.45 | 0.65 | 0.65 |
| 料仓Silo            |             | 根据现场实际情况，厂家指导制作。<br>According to the actual situation,we will guide to make. |      |      |      |      |

# 欧版磨粉机European Mill

## 产品介绍Product introduction

MTW 系列欧式磨粉机是山腾机械专家吸收欧洲最新粉磨技术及理念，潜心开发出的具有国际领先技术水平，该机型采用了锥齿轮整体传动、内部稀油润滑系统、弧形风道等最新的多项专利技术。性能稳定，操作方便，能耗低；可调可控成品粒度、粉磨物料应用广泛；配备专用除尘器，粉尘排放浓度完全低于国家环保规定。

transmission,thin oilubrication system,the curved duct andso on more than the latest patented technology.Stable performance convenient operation low energy consumption Adjustable and controllable finished product granularity grinding materials widely used. Equipped with special dust collector, dust concentration is lower than the national environmental protection regulations completely.



## 主要技术参数Main technical parameters

常规生产线配置表及技术参数European Grinding Mil Production line configuration and technical parameters

| 型号Model                      |                      | MTW110                                                                     | MTW138    | MTW175    |
|------------------------------|----------------------|----------------------------------------------------------------------------|-----------|-----------|
| 配套设备Relative equipments      |                      |                                                                            |           |           |
| 磨粉机功率<br>Grinding mill power | 主机Grinder            | 75                                                                         | 90        | 185       |
|                              | 风机Blower             | 75                                                                         | 90        | 185       |
|                              | 选粉机Powder Classifier | 7.5                                                                        | 11        | 30        |
| 鄂破<br>jaw crusher            | 型号Model              | PE200x350                                                                  | PE250x400 | PE250x750 |
|                              | 功率Power              | 7.5                                                                        | 15        | 22        |
|                              | 进料尺寸Input size(mm)   | s150                                                                       | s210      | 5210      |
|                              | 出料尺寸Output size(mm)  | 15-55                                                                      | 25-60     | 25-60     |
| 斗式提升机<br>Elevator            | 型号Model              | T210                                                                       | T250      | T315      |
|                              | 功率Power              | 3                                                                          | 3         | 7.5       |
| 给料机<br>Feeder                | 型号Model              | GZ-2                                                                       | GZ-3      | GZ-4      |
|                              | 功率Power              | 0.15                                                                       | 0.2       | 0.45      |
| 料仓Silo                       |                      | 根据现场实际情况，厂家指导制作<br>According to the actual situation,we will guide to make |           |           |

| 型号<br>Model | 磨辊数量<br>Holler num | 磨环内经<br>Canomm)ing | 主 机 转 速<br>War/min) | 最大进料粒度<br>(mmsz | 成品粒度<br>(mm)       | 处理能力<br>Processing<br>power ( th | 外形尺寸<br>(L×W×H) (mm) |
|-------------|--------------------|--------------------|---------------------|-----------------|--------------------|----------------------------------|----------------------|
| MTW110      | 4                  | Φ1100              | 120                 | 30              | 1.6-0.045最细可达0.038 | 3.5-10                           | 8425×7933×8642       |
| MTW138      | 4                  | Φ 1380             | 96                  | 35              | 1.6-0.045最细可达0.038 | 6.5-15                           | 9860×8540×10227      |
| MTW175      | 5                  | Φ1750              | 75                  | 40              | 1.6-0.045最细可达0.038 | 11~25                            | 12182×8835×9916      |



## 布袋除尘器 Dust Collector

它综合了分室反吹和喷吹脉冲清灰等诸类除尘器的优点，克服了分室反吹清灰强度不够、喷吹脉冲清灰与过滤同时进行“再吸附”的缺点，采用高能离线清灰方式，具有清灰能量大、清灰效果好、系统阻力低、滤袋使用寿命长、除尘效率高等特点，广泛应用于水泥企业的磨机、破碎、包装、库顶、配料等系统的除尘。它不仅能净化一般的含尘气体，还能处理高浓度(高达1300g/Nm³) 的含尘气体，可直接作为立式磨、O-sepa 选粉机等成品回收的工艺设备。除水泥工业外，它也可用于粮食、轻工、矿山、电力、化工、冶金等行业的除尘。

It combines advantages of spit chamber blowing dust collector and jeting pulse cleaning dust collector,avoids insuficient strength of spit chamber blowing and simultaneous re-absorbing of jeting puse cleaning dust and fiter.It adopts highly efficient of-line method,so it can clean dust with larger capaci.y.higher efficiency lower system resistance,longer life offiter-bag etc.Itis widely used to colcct dust in grinder,cnusher.packing machine,silo top,matching materials of cement industry.It can clean not only air with common dust,but air with high density (even 1300g/Nm²),so it can colet final product of vertical mil and O-sepa separator.It can be also widely used in grain,light industry,electric power, chemical industry,metallurgy,eto.

### 主要技术参数 Main technical parameters

| 型号Model | 总过滤面积(m2) | 过滤风速ilering wind speed | 处理风量(m3/A) | 滤袋条数No. (pe) bag | 滤袋规格(mm)ter bag | 耗气量(m3h)on | 入口浓度(g/m3) | 出口浓度Dutlet Density mgim3 |
|---------|-----------|------------------------|------------|------------------|-----------------|------------|------------|--------------------------|
| DMC-32  | 24        | 1.04-1.67              | 1500-2400  | 32               | Φ120x2000       | 0.032      | 200        | 50                       |
| DMC-48  | 36        | 1.15-1.62              | 2500-3500  | 48               | Φ120×2000       | 0.048      |            |                          |
| DMC-64  | 48        | 1.21-1.74              | 3500-5000  | 64               | Φ120x2000       | 0.064      |            |                          |
| DMC-80  | 60        | 1.25-1.67              | 4500-6000  | 80               | Φ120×2000       | 0.080      |            |                          |
| DMC-96  | 72        | 1.27-1.62              | 5500-7000  | 96               | Φ120x2000       | 0.096      |            |                          |
| DMC-112 | 84        | 1.28-1.68              | 6500-8500  | 112              | Φ120×2000       | 0.110      |            |                          |
| DMC-120 | 90        | 1.3-1.76               | 7500-9500  | 120              | Φ120x2000       | 0.120      |            |                          |
| DMC-168 | 126       | 1.2-1.68               | 9700-12700 | 168              | Φ120x2000       | 0.168      |            |                          |

### 主要技术参数 Main technical parameters

| 参数/型号tem/Model | J F M C - 3 2 系列 |      |      |      | J F M C - 6 4 系列 |      |      |      |      | J F M C - 9 6 系列 |      |
|----------------|------------------|------|------|------|------------------|------|------|------|------|------------------|------|
|                | 32-3             | 32-4 | 32-5 | 32-6 | 64-4             | 64-5 | 64-6 | 64-7 | 64-8 | 96-5             | 96-6 |



## 滚筒烘干机 Rotary Dryer

烘干机广泛用于建材、冶金、化工、水泥、矿渣、石灰石、煤粉、粘土等物料。该机主要由回转体、扬料板，传动装置，支撑装置及密封圈等部件组成。具有结构合理，制作精良，产量高，能耗低，运转方便等优点。

Dryer is widely used for processing the materials in the areas of building materials,metallurgy,chemical,cement,slag,limestone,coal podwer,clay.It is mainly composed by gyrator,materials feeding plate,gearing,support device and seal circle,etc.It has the advantages of reasonable structure,perfect in workmanship,high production,low consumption and easy to operation

### 主要技术参数 Main technical parameters

| 型号          | 倾斜度Gradint (%) | 转速Rote tmi ed | 温度TemperatureC | 功率Powver (kw) | 生产能力Dutput (t) | 重量Weig (t) |
|-------------|----------------|---------------|----------------|---------------|----------------|------------|
| Φ600×6000   | 3-5            | 3-8           | 5700           | 3             | 0.5-1.5        | 2.9        |
| Φ800×8000   | 3-5            | 3-8           | ≤700           | 4             | 0.8-2.0        | 3.5        |
| Φ800×10000  | 3-5            | 3-8           | ≤700           | 4             | 0.8-2.5        | 4.5        |
| Φ1000×10000 | 3-5            | 3-8           | ≤700           | 5.5           | 1.0-3.5        | 5.6        |
| Φ1200×10000 | 3-5            | 3-8           | ≤700           | 7.5           | 1.8-5          | 14.5       |
| Φ1200×12000 | 3-5            | 3-8           | ≤700           | 11            | 2-6            | 148        |
| Φ1500×12000 | 3-5            | 2-6           | ≤800           | 15            | 3.5-9          | 17.8       |
| Φ1800×12000 | 3-5            | 2-6           | ≤800           | 18            | 5-12           | 25         |
| Φ2200×12000 | 3-5            | 1.5-6         | 5800           | 18.5          | 6-15           | 33         |
| Φ2200×18000 | 3-5            | 1.5-6         | ≤800           | 22            | 10-18          | 53.8       |
| Φ2200×20000 | 3-5            | 1.5-6         | ≤800           | 30            | 12-20          | 56         |
| Φ2400×20000 | 3-5            | 1.5-5         | ≤800           | 37            | 18-30          | 60         |
| Φ3000×20000 | 3-5            | 1.5-5         | ≤800           | 55            | 25-35          | 78         |
| Φ3000×25000 | 3-5            | 1.5-5         | S*00           | 75            | 32-40          | 104.9      |



## 三筒烘干机 Three Cylinder Dryer

### 主要技术参数 Main technical parameters



|                                        |      |      |       |       |          |       |       |       |       |          |       |
|----------------------------------------|------|------|-------|-------|----------|-------|-------|-------|-------|----------|-------|
| 处理风量Air volume(m3/h)                   | 6900 | 8900 | 11160 | 13390 | 17800    | 22300 | 26700 | 31200 | 35700 | 33400    | 40100 |
| 总过滤面积Fiter area(m2)                    | 93   | 124  | 155   | 186   | 248      | 310   | 372   | 434   | 496   | 465      | 557   |
| 除尘室数Number of dust house(piece)        | 3    | 4    | 5     | 6     | 4        | 5     | 6     | 7     | 8     | 5        | 6     |
| 每室袋数Number of bagsper room(piece)      | 32   |      |       |       | 64       |       |       |       | 96    |          |       |
| 滤袋总数Total number of filter bags(piece) | 96   | 128  | 160   | 192   | 256      | 320   | 384   | 448   | 512   | 480      | 576   |
| 压缩空气消耗量<br>Coair ption (Nm3’ min)      | 0.4  | 0.4  | 0.4   | 0.6   | 0.6(1.2) |       |       |       |       | 0.9(1.6) |       |
| 设备总量Total weight()                     | 2.85 | 4.1  | 5.3   | 6.5   | 8.3      | 9.8   | 11.7  | 13.4  | 15    | 12.2     | 15    |

| 型号Mode   | 外筒直径(m)<br>Oter cyinder damee | 外筒长度(m)<br>Ouer bube leng | 筒体容积(m)<br>CYinder volme | 筒体转速(r/mi<br>Cynderrotatng so | 最高进气(C)<br>Maxdmum hle | 生产能力(uh)<br>hougnpu | 电机动力[kw<br>Molorpow |
|----------|-------------------------------|---------------------------|--------------------------|-------------------------------|------------------------|---------------------|---------------------|
| 2x4.5m   | 2                             | 4.5                       | 14.13                    | 4-10                          | 700-750                | 13-18               | 5.5x2               |
| 2.2x5m   | 2.2                           | 5                         | 18.99                    | 4-10                          | 700-750                | 15-23               | 7.5x2               |
| 2.5x6m   | 2.5                           | 6                         | 29.43                    | 4-10                          | 700-750                | 20-28               | 5.5x4               |
| 2.7x6.5m | 2.7                           | 6.5                       | 37.19                    | 4-10                          | 700-750                | 24-33               | 7.5x4               |
| 3x6.5m   | 3.0                           | 6.5                       | 45.92                    | 4-10                          | 700-750                | 35-40               | 11x4                |
| 3.2x7m   | 3.2                           | 7                         | 56.27                    | 4-10                          | 700-750                | 40-60               | 15x4                |
| 3.6x8m   | 3.6                           | 8                         | 81.39                    | 4-10                          | 700-750                | 55-75               | 18.5x4              |
| 4.2x8m   | 4.2                           | 8                         | 110.78                   | 4-10                          | 700-750                | 70-120              | 22x4                |

注: 技术数据和动力要求另通口Any change of technical data shall not be advised additionally.

# 轮胎式多仓破碎站 Tyre Type Mobil Crushing Station

## 产品介绍Product introduction

移动式破碎机是一个由多种设备集成的一个可移动的破碎机，由自身提供动力或由牵引车提供动力，可方便移动到合适位置的机械设备。它是山腾多位专家结合国内外砂石生产方面的实际情况精心研制而成的，与普通破碎机相比优点就是移动方便，占地面积小，可直接选定场地，放置到现场便可以投入生产，由于移动破碎机可以直接建造在矿面上来排除大量的卡车运输，所以它广泛地运用到矿山工业中不同的生产工程中。



Mobile crusher isa movable crusher integrated by a variety of equipment,poweredby itself or by tractor,which can easily move to the appropriate location of the mechanical equipment Itis developed by many expertsin combination with the actual situation of sand and gravel production at home and abroad.Compared with ordinary crushers,i has the advantages of convenient movement,small cupation area, direct selection of site,andput into production on site.Because Mobile crushers can be built directly on the mine surface toexclude a large number of truck transportation,it is widely used in mine workers.Different production projects in the industry.

## 应用范围Application scope

移动鄂式破碎机设备主要适合破碎硬度不超过320MPa的石料，例如白云石、大理石、河卵石等；

移动圆锥式破碎机比较适合破碎中等硬度或者硬度较大的物料，例如：石墨、花岗岩等；

移动反击式破碎机设备比较适合加工中等硬度的物料，例如：石灰石、石膏、炉渣等；

移动制砂机相比前三种设备来说，加工石料的成品更加均匀、细腻，常用于青石、鹅卵石等石料的制砂作业中。 Mobilejaw crusher is mainly suitable for crushing stones with hardnessless than 320 MPa,such as dolomite,marble,River pebble,etc. Mobile cone crusher is more suitable for crushing medium or high hardness materials,such as graphite,granite,etc. Mobile impact crusher equipment is more suitable for processing medium hardness materials,such as limestone,gypsum,slag,etc. Compared with the first three kinds of equipment,the mobile sand machine has more uniform and delicate finished products.It is often used in the sand making of bluestone, cobble and other stone materials.

## 产品选择Product selection

移动式破碎机的原理是采用先初步破碎，然后与其它破碎设备配套结合的方式。其中，粗碎机主要是指鄂式破碎机、圆锥破碎机；细碎机是指重锤式破碎机、反击式破碎机、制砂机等。根据不同用户的具体生产需求，可增添或者删减相应



## 主要技术参数 Main technical parameters

| 型号<br>Model  | 振动筛<br>Mbrating Screer | 反击式破碎机<br>Impact Crusher | 输送机<br>Conveyor | 处理能力<br>Capacity (t/h) | 功率<br>Power (kw) |
|--------------|------------------------|--------------------------|-----------------|------------------------|------------------|
| Y3S1548F1010 | 3YK1548                | PF1010                   | B500×7m         | 30-275                 | 70-90            |
| Y3S1848F1210 | 3YK1848                | PF1210                   | B650×7m         | 56-330                 | 128.5-150.5      |
| Y3S1860F1214 | 3YK1860                | PF1214                   | B650×8m         | 65-586                 | 154-190          |
| Y3S2160F1315 | 3YK2160                | PF1315                   | B800×8m         | 81-720                 | 210-297          |

## 主要技术参数 Main technical parameters

| 型号<br>Mo el  | 振动筛<br>Vibrating Screer | 圆锥式破碎机<br>Cone Crusher | 输送机<br>Conveyor | 处理能力<br>Capacity (t/h) | 功率<br>Power (kw) |
|--------------|-------------------------|------------------------|-----------------|------------------------|------------------|
| Y3S1548Y900  | 3YK1548                 | PYB900                 | B500×7m         | 50-90                  | 75               |
| Y3S1848Y1200 | 3YK1848                 | PYB1200                | B650×7m         | 65-130                 | 99-134           |
| Y3S1860Y160  | 3YK1860                 | CS160                  | B650×8m         | 110-455                | 212.5-220.5      |
| Y3S2160Y220  | 3YK2160                 | HPC-220                | B800×8m         | 140-330                | 257.5-264.5      |

## 主要技术参数 Main technical parameters

| 型号<br>Mode | 给料机型号<br>Type of feeder | 颚式破碎机型号<br>Jaw crusher mode | 输送机<br>Conveyor | 处理能力<br>Capacity (t/h) | 功率<br>Power (kw) |
|------------|-------------------------|-----------------------------|-----------------|------------------------|------------------|
| YG938E69   | ZsW960x3800             | PE600×900                   | B650×7m         | 70-150t/h              | 91.5             |
| YG1142E710 | zSW1100x4200            | PE750×1060                  | B800×9m         | 80-200t/h              | 134              |
| YG1349E912 | ZSW1300x4900            | PE900×1200                  | B1000×11m       | 150-300t/h             | 146              |

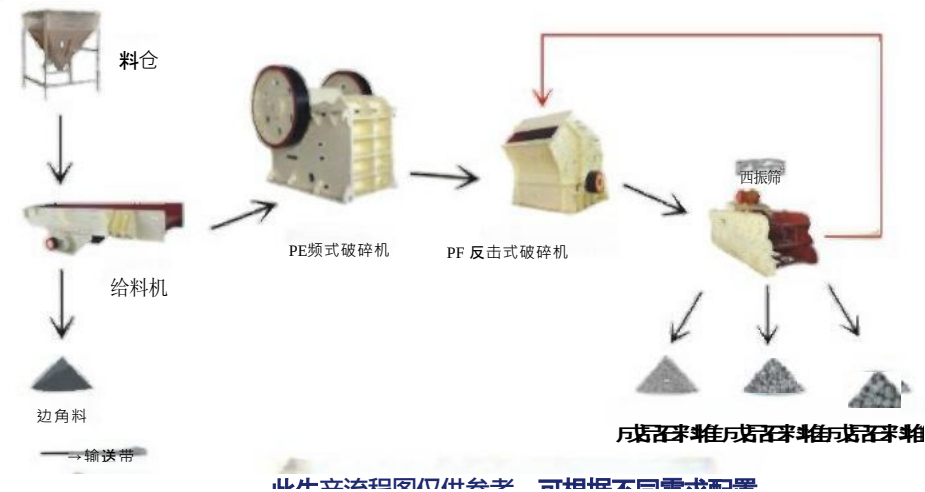
的破碎机、振动筛和输送机设备。整套设备配套灵活、运行流畅、操作简单。

The principle of mobile crusher is to adopt the mode of initial crushing and then matching with other crushing equipment.Among them,crusher mainly refers tojaw crusher,cone crusher;fine crusher refers to hammer crusher,impact crusher,sand making machine andso on.According to the specific production needs of differentusers,the corresponding crusher,vibration screen and conveyor equipment can be added or deleted.The whole set of equipmentis flexible,smooth and easy tooperate

## 石料生产线 | Stone Production Line

该生产线使用反击式破碎机为二级破碎，具有流程简单，成品粒型好(立方体),投资经济等优点。该生产线特别适合于石灰石、灰岩、页岩、花岗岩等中等硬度以下岩石的破碎生产。

The production line using the impact crusher is two-level -breaking, and has the advantages of simple process, good finished product (cube), investment economy and so on. The production line is especially suitable for the crushing of limestone, shale, granite, etc..



## 制砂生产线 | Sand Making Line

我公司开发的5X及VSI 系列冲击破碎机(制砂机)和配套设备，专门用于人工砂的生产，具有成品粒型好，成砂率高，细度目数可调，生产成本低等优点，该生产线特别适合于河卵石、石灰岩、花岗岩、石膏、各种岩石和矿石尾矿的人工制砂。

Our company developed 5X and VSI series impact crusher (sand making machine) and supporting equipment, specifically for the production of artificial sand, with a good product type, sand rate is high. The fineness modulus, low production cost advantages, the production line is especially suitable for the river gravel, limestone, granite, stone chips, all kinds of rocks and ore tailings of artificial sand.

## 工程案例 | Engineering case



