



中国·矿山设备研发/生产/出口基地
China Mining Equipment R & D / Production / Export Base

通用矿山机器
General Mining Machinery



郑州通用矿山机械有限公司
ZHENGZHOU GENERAL MINING MACHINERY CO.,LTD

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通用机器
GENERAL MACHINERY



General Mining
Machinery

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企业简介

Company introduction

郑州通用矿山机器有限公司，不仅是一家工业磨粉和矿山破碎制砂成套设备制造商，更是集研发、生产、销售、服务于一体，帮助中小型投资者成功运营物料破碎生产线项目的高新技术企业。2004年创立，从业十多年来，公司不但为客户提供高性价比的破碎磨粉成套设备，还为客户提供量身定制的投资运营方案，以及整套流程的交钥匙工程。凭借专业的技术、优质的产品和至诚的服务，公司已帮助全球约9000多家用户获得快速盈利和高价值回报，并已发展成为中国矿机制造行业的标志企业。

公司总部坐落于交通与通信汇合、传统与创新交融的全国中央枢纽城市--郑州国家高新技术产业开发区。拥有国际先进的机械加工工艺标准、系列高端生产装备，产品全部按照ISO9001:2000国际质量体系标准进行设计、生产、制造、检测和装备。公司非常重视技术交流与合作，不断的汲取行业先进的技术和管理经验，已先后引进了德、美、日、澳等国家的先进技术和工艺，建立了国际先进的生产线和一流的现代化生产检测基地。目前公司占地180000平方米，汇集了200多名具有中高级职称的技术和管理人才，专业研发生产工业磨粉、矿山破碎及制砂选矿系列生产线设备，生产能力、工艺水平及装备实力处于行业领先水平。

始终致力于工业磨粉设备和矿山破碎制砂设备，精工制造，如切如磋，如琢如磨，通用矿山机器在矿机领域稳健地走过了近十五年，产品已通过国际ISO9001、GOST、欧盟CE认证等多项质量认证。郑州通用矿山机器有限公司已成为中国矿机的专业研发、生产和出口基地，产品在亚、非、美、欧和大洋洲等120多个国家和地区大放异彩。

“路漫漫其修远兮，吾将上下而求索”，郑州通用将继续发扬“精益求精、追求卓越”的企业精神，锐意进取，助力矿山机械自动化、信息化、智能化，让中国智造通用世界矿山！

Zhengzhou General Mining Machinery Co.,Ltd (hereinafter referred to as TYM), is not only a manufacturer of industrial grinding mill, mine crusher, sand making machines, but also a high-tech enterprise that integrates R & D, production, sales and service to help small and medium investors operate material grinding production line projects successfully. Founded in 2004, TYM not only provides customers with cost-effective crushing and grinding equipments, but also provides tailored investment and operating programs even the entire process of turnkey projects during the past ten years. With professional technology, high quality products and sincere service, TYM has helped more than 9,000 users around the world get quick profit and high value return, and has developed into one of standard enterprises in China mining machinery industry.

TYM, headquartered in Zhengzhou high-tech industry development zone, convergence of traffic and communication, tradition and innovation, has the international advanced mechanical processing technology standards and series of high-end production equipments, and all its products are designed, manufactured, tested and equipped according to ISO9001:2000 international quality system standards. The company attaches great importance to technical exchanges and cooperation, and constantly learns from the industry's advanced technology and management experience. Besides, the company has introduced advanced technology and craft from Germany, United States, Japan, Australia and other countries and established international advanced production lines and first-class modern production testing base. Covering an area of 180,000 square meters, the company has attracted more than 200 technical and management personnels with senior titles to specialize in researching and producing industrial milling machine, mine crushing machine and production lines of sand maker and mineral processing equipment, with first-class production capacity, technological level and equipments.

Being committed to elaborate manufacturing of industrial milling equipment and mine crushing and sand making equipments, TYM through constantly pondering and mutual learning with counterparts has safely walked for nearly 15 years in the field of mining. TYM products have passed the international ISO9001, GOST, the European Union CE certification, and a number of other quality certifications. General factory has become a professional base of China mineral machine's development, production and export. The products are shining in more than 120 countries and regions, such as Asia, Africa, America, Europe and Oceania.

"The way ahead is long with no ending, we'll pursue with our unbending will". The company will continue to carry forward the enterprise spirit "striving for perfection, pursuing for excellence", and forge ahead to make contribution to mine machinery automation, information technology, intelligent, let China's wise creation be general in world mining field.

企业文化 Ompany Culture



我们的宗旨:

诚信、主动、团结, 追求卓越, 铸造通用品牌, 振兴民族工业

经营理念:

科学的管理、创新的产品、满意的服务、共同的发展, 以客户为体, 以客户为根本, 客户至上, 一切为了客户, 为了客户的一切, 追求优异, 打造质量

企业理念:

- 亲** --即亲和, 以人为本, 彼此亲怀, 互相爱护, 精诚团结, 形成公司强大的亲和力和凝聚力。
- 笃** --即诚信, 坦诚相待, 光明磊落, 信誉至上, 忠诚事业, 克尽职守, 维护公司声誉和形象。
- 达** --即达观, 胸襟宽广, 充分理角和沟通, 思维观念上求同存异, 尊重个性, 发挥个人创造力, 激活整个公司的发展动力。
- 惠** --即利益, 优质高效, 在公司、客户、员工、合作者、社会之间保持最佳的利益平衡。

品牌理念:

以品质打造品牌, 以服务提升信誉



[破碎筛分] 系列产品]

Crushing screening Series products

- 振动给料机 Vibrating feeder
- 颞式破碎机 Jaw crusher
- 反击式破碎机 PF Series Hard Rock Counter-attacking Crusher
- 锤式破碎机 Hammer Crusher
- 单段重锤式破碎机 Single-stage Hammer Crusher
- 高效节能细碎机 Super-fineness Energy-Saving Crusher
- 冲击式破碎机 Impact crusher
- 圆锥破碎机 Cone crusher
- 振动筛 Vibratory Screen
- 滚筒筛 Drum screen
- 洗砂机 Sand Washer
- 螺旋沙石洗选机 Spiral sand washing machine
- 烘干机 Indirect Heat Transfer Dryer

振动给料机

Vibrating feeder



产品简介

PRODUCT INTRODUCTION

振动给料机又称振动喂料机。我公司生产的GZD系列振动给料机，是专为破碎、筛分中粗物料和均匀输送大块物料而设计的新型矿山辅助设备。该机采用双偏心轴激振器的结构特点，保证设备能承受大块物料下落的冲击，给料能力大。在生产流程中可以把块状、颗粒状物料从贮料仓中均匀、定时、连续地给到受料装置中去，从而防止受料装置因进料不均而产生死机的现象，延长了设备使用寿命。给料机可分为钢板结构和篦条结构，钢板结构的给料机多用于砂石料生产线，将物料全部均匀地送入破碎设备；篦条结构的给料机可对物料进行粗筛分，使系统在配制上更经济合理，在破碎筛分中已作为必不可少的设备。因而广泛应用于冶金、煤矿、选矿、建材、化工、磨料等行业的破碎、筛分联合设备中。

该系列振动喂料机振动平稳、工作可靠、噪声低、耗能小、无冲料现象、寿命长、维护保养方便、重量轻、体积小、设备调节安装方便、综合性能好，当采用封闭式结构机身时可防止粉尘污染。

振动给料机工作原理：GZD系列振动给料机是由给料槽体、激振器、弹簧支座、传动装置等组成。槽体振动给料的振动源是激振器，激振器是由两根偏心轴（主、被动）和齿轮副组成，由电动机通过三角带驱动主动轴，再由主动轴上齿轮啮合被动轴转动，主、被动轴同时反向旋转，使槽体振动，使物料连续不断流动，达到输送物料的目的。

Our company produces the GZD series vibrating feeder, is specially designed for crushing, screening of coarse material and uniform transport bulk material and design of new mine auxiliary equipment. This equipment adopts double eccentric shaft vibration exciter structure characteristics, to ensure that equipment is able to withstand the impact of falling large materials, having large feeding capacity. In the production process, the massive, granulated material are sent to the feeding equipment from store evenly, at fixed time, continuously, so as to prevent device produces crash phenomenon for feeding inequality, therefore prolong the service life of equipment. Feeder can be divided into steel structure and cage bar structure, steel structure of the feeding machine is more used as making sand and stone production line, send all materials evenly into crushing equipment; Cage bar structure feeding machine can screen the material roughly, make the system in the configuration more reasonable and economic, and in the crushing screening is indispensable. Therefore it is widely used in metallurgy, coal mine, beneficiation, building materials, chemical industry, grinding compound industry stove, in the screening combination plant.

This series of vibration feeding machine has the following characteristics: vibration stable and reliable operation, low noise, small energy, material no impact phenomenon, long service life, convenient maintenance, light weight, low noise, equipment adjustment convenient installation and comprehensive performance is good, when using the enclosed structure fuselage it can prevent dust pollution

Vibrating feeder working principle: GZD series vibrating feeder consists of the feeding body, vibration exciter, spring bearing, gear, etc. The feed vibration source is vibration exciter, and vibration exciter is made of two eccentric shafts (active and passive) and gear pair composed. The motor through V-belt drives active shaft, then by the drive shaft gear mesh driven shaft rotation, the move and the driven shaft begin reverse rotation at the same time, make the cell body vibration, make the material continuous flow, to achieve the purpose of conveying material.

振动给料机技术参数

Vibrating feeder Technical Parameter

型号 Model	最大进料粒度 Max Feeding Size (mm)	处理能力 Capacity (t/h)	偏心轴转速 Eccentric shaft speed (R/min)	电动机型号 Motor model	电动机功率 Motor power (kw)	电动机转速 Motor rotary speed (R/min)	电动机数量 Motor number	机器重量 Weight (t)	机械外型尺寸 Overall Dimension (mm) (LxWxH) (Mm)(长x宽x高)
GZD-180×80	300	30-80	---	YZO-20-6	2×1.5	970	2	0.8	2200×1100×800
GZD-300×90	500	40-100	---	YZO-30-6	2×2.2	970	2	1.5	3050×1430×1550
GZD-370×100	700	150-300	---	YZO-30-6	2×3.2	970	2	3.64	4250×1874×1130
GZD-430×120	800	200-400	---	YZO-30-6	2×5.5	970	2	4.2	4955×2206×1120
ZSW-380×96	500	90-100	500-714	Y180L-8	11	750	1	3.98	3882×2224×2121
ZSW-420×110	580	120-240	500-800	Y180L-6	15	970	1	4.8	4400×2050×1660
ZSW-490×96	500	120-240	500-800	Y180L-6	15	970	1	5.25	4957×2277×2150
ZSW-490×110	580	120-280	500-800	Y180L-6	15	970	1	5.32	4957×2400×2150
ZSW-490×130	720	200-320	500-800	Y180L-6	22	970	1	5.9	4957×2580×1870
ZSW-590×110	600	350	750	Y180L-6	22	970	1	6.13	6000×2500×2150
ZSW-600×130	750	400-560	500-800	Y180L-6	30	970	1	7.8	6082×2580×2083

技术参数变动恕不另行通知
Technical parameters are subject to change without notice.

颞式破碎机

Jaw crusher



产品简介

PRODUCT INTRODUCTION

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320Mpa的物料，分粗破和细破两种。PE颞式破碎机(PE鄂式破碎机)适用于各种矿石和岩石，广泛用于矿山、冶金、建筑、化工等部门破碎硬的和中硬物料，最适用选矿厂矿石和化工厂原料的粗碎、中碎、是最常用的破碎机。

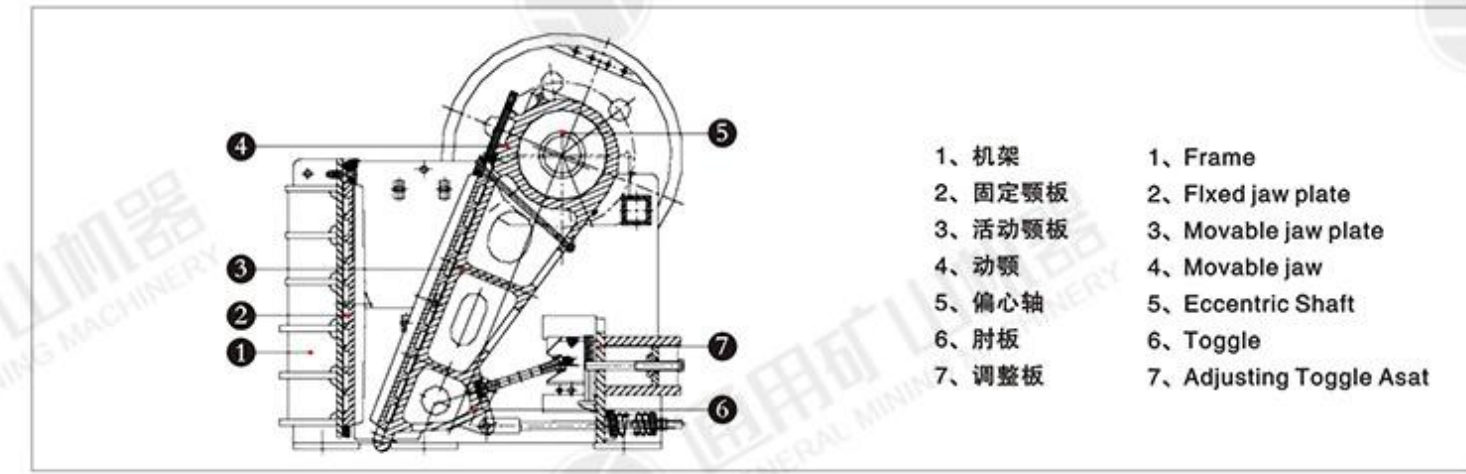
工作原理：
工作时，电动机通过皮带轮带动偏心轴旋转，使动颞周期地靠近、离开定颞，从而对物料有挤压、搓、碾等多重破碎，使物料由大变小，逐渐下落，直至从排料口排出。

Jaw Crusher is mainly used to crush kinds of mining stones primarily, and the largest compression resistance of the material to be crushed is 320MPa. The jaw crusher is widely used in mining, metallurgical industry, building material, highway, railway, and chemical industry.

Working Principle :
The motor transmits power through belt, drives the moving jaw do periodic motion to the fixed jaw surround the eccentric shaft. The angle between toggle plate and moving jaw increases when moving jaw moves up. So the moving jaw closes to the fixed jaw. The stuff will be crushed in this process. The angle of Jaw Crusher between toggle plate and moving jaw decreases when moving jaw moves down, the moving jaw of Jaw Crusher moves away from fixed jaw by the pulling of rod and spring, the products after crushing will be discharged from the outlet of Jaw Crusher.

结构图

Structural drawing



颞式破碎机技术参数

Jaw crusher Technical Parameter

型 号 Model	进料口尺寸 Size of Feeder Opening (mm)	最大进料边长 Max. Feeding Size (mm)	出料口尺寸 Adjustment range (mm)	处理能力 Capacity (t/h)	电机功率 Motor Power (kw)	外形尺寸 Overall Dimension (mm)	重量 Weight (t)
PE150×250	150×250	125	10-40	1-3	5.5	896×745×935	0.8
PE-200×350	200×350	180	15-50	1-6	11	996×800×760	1.2
PE250×400	250×400	200	20-50	5-20	15	1430×1310×1340	3
PE400×600	400×600	350	40-100	15-60	30-37	1700×1732×1653	7
PE500×750	500×750	425	50-100	40-110	45-55	2035×1921×2000	12
PE600×900	600×900	480	65-160	90-180	55-75	2290×2206×2370	17
PE750×1060	750×1060	630	80-140	110-320	90-110	2655×2302×3110	29
PE900×1200	900×1200	750	95-165	220-450	110-132	3800×3166×3045	58
PEX150×250	150×250	125	10-40	1-3	5.5	896×745×935	1.5
PEX150×750	150×750	125	18-18	5-16	15	896×745×935	3.8
PEX250×750	250×750	210	25-60	15-30	22-30	1667×1545×1020	5
PEX250×1000	250×1000	210	25-60	15-50	30-37	1550×1964×1380	7
PEX250×1200	250×1200	210	25-60	20-60	37-45	2192×1900×1950	8.5

技术参数变动恕不另行通知
Technical parameters are subject to change without notice.

反击式破碎机

PF Series Hard Rock Counter-attacking Crusher



产品简介 PRODUCT INTRODUCTION

本系列产品吸收国内外先进技术后优化设计而成，可处理粒度不大于60-300MM的坚硬岩石，产品粒度80%小于30MM。具有破碎比大、破碎效率高、维修方便，运行费用低的特点。产品呈立方体，是高等级公路路面及水电行业用骨料的首选设备。

工作原理:

利用板锤的高速冲击和反击板的回弹作用，使物料受到反复冲击而破碎。板锤固装在高速旋转的转子上，并沿着破碎腔按不同角度布置若干块反击板。物料进入板锤的作用区时先受到板锤的第一次冲击而初次破碎，并同时获得动能，高速冲向反击板。物料与反击板碰撞再次破碎后，被弹回到板锤的作用区，重新受到板锤的冲击。如此反复进行，直到被破碎成所需的粒度而排出机外。

The PF series hard rock counter-attacking crusher absorbs the domestic and foreign advanced technology. The hard rock whose granularity is less than 60-300mm can be processed. The granularity of 80% finished products is less than 30mm. The output of product is shaped as cube. The crusher is the first choice to make aggregates for high level road and hydraulic electricity industry.

Working Principle:

When the hard rock counter-attacking crusher works, the electric motor drives the rotor where installed hammers to rotate with high speed. When the materials get into the area which the hammers can be effective, under the impact function of the hammers at a high speed, the materials are thrown to the impact device above the rotor continuously. And then the materials are rebounded from the impact liner to the area where the hammers can be effective to be crushed again. The materials' size from big to small all will be crushed in the impact chamber repeatedly. The process won't stop till the material are crushed to the required size and then will be discharged from outlet.



反击式破碎机技术参数

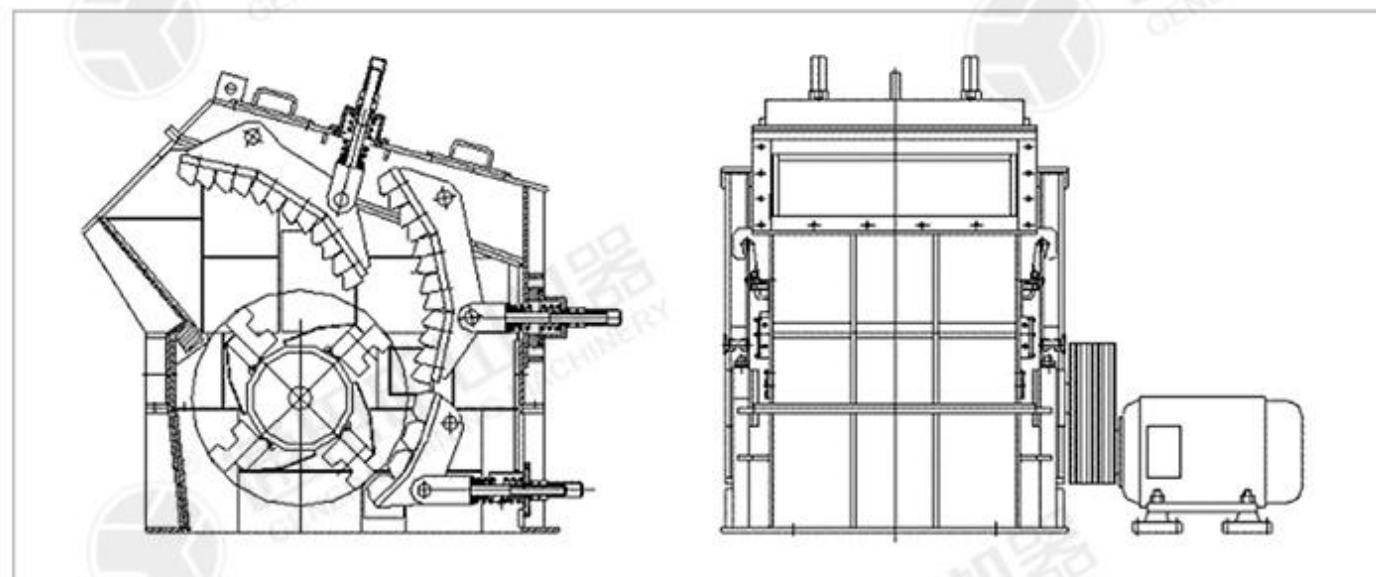
PF Series Hard Rock Counter-attacking Crusher Technical Parameter

型 号 Model	进料口尺寸 Size of Feeder Opening (mm)	最大进料粒度 Max. Feeding Size (mm)	转子尺寸 Rotor size (mm × mm)	处理能力 Capacity (t/h)	电机功率 Motor Power (kw)	外形尺寸 Overall Dimension (mm)	重 量 Weight (t)
PF-1007	400 × 730	300	Φ 1000 × 700	40 ~ 60	37-55	2400 × 1560 × 2660	9.45
PF-1010	400 × 1080	350	Φ 1000 × 1050	60 ~ 90	55-75	2440 × 2250 × 2630	12.6
PF-1210	400 × 1080	350	Φ 1250 × 1050	80 ~ 130	110-132	2700 × 2340 × 2900	14.12
PF-1214	400 × 1430	350	Φ 1250 × 1400	120 ~ 180	132-160	2700 × 2690 × 2890	18.5
PF-1315	860 × 1520	450	Φ 1300 × 1500	180 ~ 230	180-260	3100 × 3280 × 2670	20.2

技术参数变动恕不另行通知
Technical parameters are subject to change without notice.

结构图

Structural drawing



锤式破碎机

Hammer Crusher



产品简介 PRODUCT INTRODUCTION

锤式破碎机用于破碎各种中硬且磨蚀性弱的物料。其物料的抗压强度不超过150MPa, 含水率小于15%。被破碎物料为煤、盐、白垩、石膏、砖瓦、石灰石等, 还用于破碎纤维结构、弹性和韧性较强的碎木头、纸张或破碎石棉水泥的废料以回收石棉纤维等等。

锤式破碎机的主要工作部件为带有锤子(又称锤头)的转子。转子由主轴、圆盘、销轴和锤子组成。电动机带动转子在破碎腔内高速旋转。物料自上部给料口给入机内, 受高速运动的锤子的打击、冲击、剪切、研磨作用而粉碎。在转子下部, 设有筛板、粉碎物料中小于筛孔尺寸的粒级通过筛板排出, 大于筛孔尺寸的粗粒级阻留在筛板上继续受到锤子的打击和研磨, 最后通过筛板排出机外。

Hammer Crusher: The hammer crusher(hammer mill) crushes by the collisions between high-speed hammer and materials, and the hammer crusher(hammer mill) features are in its simple structure, high reduction ration, high efficiency, etc. The PC hammer crusher(hammer mill) were developed for both dry and wet crushing of brittle, medium-hard materials for the mining, cement, coal, metallurgic, construction material, road building, and petroleum & chemical industries.

Operating principle of Hammer Crusher: The motor drives the rotor rotate of the hammer crusher at a high speed through the belt, and on the rotor there are series hammers. When the materials get into the working area of hammers, they are crushed by the rotating hammers of the hammer crusher with high rotation speed, the products which are crushed to meet the required size can be discharged by the outlet and become the final products, the large size products are brought back to the crushed area by the hammers of the hammer crusher for being recrushed until they reached the required size.

锤式破碎机技术参数

Hammer Crusher Technical Parameter

型号 Model	转速 Rotor speed (r/m)	最大进料粒度 Max. Feeding Size (mm)	出料粒度 Discharge Size (mm)	产量 Capacity (M3)	电机功率 Motor Power (kw)	外形尺寸 Overall Dimension (mm)	重量 Weight (t)
PC-400×300	1450	≤200	≤25	8-15	11	812×9827×850	0.8
PC-500×350	1250	≤210	≤25	12-20	18.5	1200×1114×1114	1.2
PC-600×400	1000	≤250	≤30	15-30	22	1055×1022×1122	1.5
PC-800×600	980	≤300	≤30	20-40	55	1360×1330×1020	2.6
PC-800×800	980	≤350	≤35	25-50	75	1440×1740×1101	3.5
PC-1000×800	1000	≤400	≤35	30-65	90	3514×2230×1515	6

技术参数变动恕不另行通知
Technical parameters are subject to change without notice.

单段重锤式破碎机

Single-stage Hammer Crusher



产品简介 PRODUCT INTRODUCTION

PCZ单段重锤式破碎机入料粒度大, 出料粒度小, 变三级破碎为一级破碎。单个锤头重量大、转子转速高、锤头经久耐用。最大喂料1000 mm, 直接破碎出0-70mm成品料。变二级破碎为一级破碎。时产80-400T, 充分体现了以大破小以重碎轻的优势, 且具有对超大块石料进行蚕食式破碎的独特能力, 真正达到了事半功倍的效果。

工作原理及特点:

大块物料入机后, 在受到锤头撞击的同时又受到物料筛分托架的阻挡, 既减少了物料和锤头的接触面积, 又避免了转子的突然梗死。撞击后大块物料被击起在破碎腔内形成自打。石子由直筛溢出或下落进入细胞再次被锤头撞击形成了石子, 最后从弧形板卸出, 本机充分利用粗破, 细破“合二为一”的破碎原理, 以及料与料自行撞击的机理, 在粗料破碎过程中充分利用撞击式破碎原理, 并提高了物料运转速度, 使物料间产生自撞, 提高了破碎效果, 所破碎的成品料粒形好, 多呈立方体, 针片状含量少, 故料料机械强度高, 适用于高等级公路, 高层建筑等所有行业的石料破碎。

PCZ Single-stage heavy hammer crusher feeding particle size is big, and the discharge size is small, making third crushing to one crushing. A single hammer head has big weight, with high rotary speed, hammer head durable. Maximum feeding size is 1000 mm, can be directly broken out 0-70mm finished material. Make the second crushing to first crushing. It can produce 80-400 t/h, fully reflects the broken small pieces with the advantages of light weight, and has a unique ability to make large quantity of stone to small, achieved twice the result with half the effort.

Working principle and features:

Big material into the machine, hit by the hammer while receive material screening bracket preventing, can not only reduce material and hammer head of contact area, but also avoid the rotor sudden stopping work. After the impact large materials hit each other on the crushing cavity. Stones by the straight screen overflow or falling into the machine again impacted by the hammer forming the stones, and finally discharge from the arc plate, this machine make full use of coarse break, fine broken "unity" broken principle, as well as the mechanism of material hit each other, in the coarse material crushing process it makes full use of impingement crushing principle, and improve the material operation speed, make the crushing between materials, improving the crushing effect, the broken materials shape is good, a cube, the needle plate less, so material grain of high mechanical strength, suitable for high grade highway, high-rise buildings, and all industry stone crushing.

单段重锤式破碎机技术参数

Single-stage Hammer Crusher Technical Parameter

型号 Model	转子 直径×长度 Rotor D×L (mm)	给料粒度 Feeding Size (mm)	出料粒度 Discharging Size (mm)	生产能力 Capacity (T/h)	电机功率 Motor power (KW)	理论重量 Theoretical weight (t)
0806	800×600	≤300-400	0-40	60	55	3.8
0808	800×800	≤400-500	0-50	80-100	75	6.5
1008	1000×800	≤500-650	0-60	100-120	90	8
1010	1000×1000	≤600-750	0-70	120-150	132	11.5
1210	1200×1000	≤650-800	0-70	150-200	185	14
1510	1500×950	≤800	0-80	160-250	200	17.5
1512	1500×1160	≤800	0-80	250-300	250	19
1615	1650×1450	≤900	0-80	300-380	280	28
2015	2000×1500	≤1200	0-80	400-500	400	32

技术参数变动恕不另行通知
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冲击式破碎机(VSI制砂机)

Impact crusher



产品简介 PRODUCT INTRODUCTION

用途:

本系列制砂机适用于软或中硬和极硬物料的破碎、整形,广泛应用于各种矿石、水泥、耐火材料、铝凡土熟料、金刚砂、玻璃原料、机制建筑砂、石料以及各种冶金矿渣,特别对碳化硅、金刚砂、烧结铝矾土、美砂等高硬、特硬及耐磨蚀性物料比其它类型的破碎机产量功效更高。

工作原理:

物料由进料斗进入制砂机,经分料器将物料分成两部分,一部分由分料器中间进入高速旋转的叶轮中,在叶轮内被迅速加速,其加速度可达数百倍重力加速度,然后以60-70米/秒的速度从叶轮三个均布的流道内抛射出去,首先同由分料器四周自收落下的一部分物料冲击破碎,然后一起冲击到涡支腔内物料衬层上,被物料衬层反弹,斜向上冲击到涡动腔的顶部,又改变其运动方向,偏转向下运动,从叶轮流道发射出来的物料形成连续的物料幕。这样一块物料在涡动破碎腔内受到两次以至多次机率撞击、摩擦和研磨破碎作用。被破碎的物料由下部排料口排出。在整下破碎过程中,物料相互自行冲击破碎,不与金属元件直接接触,而是与物料衬层发生冲击、摩擦而粉碎,这就减少了角污染,延长机械磨损时间。涡动腔内部巧妙的气流自循环,消除了粉尘污染。

Sand Making Machine: Sand Making Machine(namely PCL Vertical shaft impact crusher) is of high-power and low-consumption, which is designed depending on several years hard work and study of mechanical mining equipment. Sand Maker absorbed the advanced technology of the same products of Barmac Company of America, now is of the international level. Sand Making Machine plays an important role in crushing minerals into pieces. PCL Vertical shaft impact crusher is widely used in all kinds of mineral, cement, corhart, bauxite chmotte, carborundum grain, glass raw material, machine made construction sand, stone stock and all kinds of metallurgy slag, especially carborundum, sintered bauxite, magnesite, and so on material with features of very hard and anticorrosion. And Sand Making Machine is more productive than other kind of crushers.

Working Principle Of Sand Maker : Stone less than 50mm enters sand making machine though conveyor belt. Stone is crushed by hitting other stones. Material falls down to impellor cavity. Under great centrifugal force, it hits material that coming downwards. After hitting each other, they force a vortex between impellor and shell, and hit each other several times, finally smaller stone comes out, and goes to vibrating screen. Satisfactory material is transported to sand washing machine, however overlarge material will go back to sand maker to be recrushed. Output sizes can be made according to customers

冲击式破碎机技术参数

Impact crusher Technical Parameter

型号 Model		VSI-7611	VSI-8518	VSI-9526	VSI-1140
生产能力 (t/h) Capacity	瀑落与中心进料 Feedboth at center andatsides	120-180	200-260	300-380	450-520
	全中心进料 Feed at center	60-90	100-300	150-190	225-260
最大入料 尺寸 (m) Max. feeding size	软料 Sofe material	<35	<40	<45	<50
	硬料 Hard material	<30	<35	<40	<45
转速 (r/min) Rotation speed		1700-1890	1520-1690	1360-1510	1180-1310
双电动机功率 (kw) Double Motor power		110-150	180-220	264-320	400-440
最大外形尺寸 长 × 宽 × 高 (mm) Overall Dimension (mm) (LxWxH)		3700 × 2150 × 2100	4140 × 2280 × 2425	4560 × 2447 × 2778	5000 × 2700 × 3300
重量 (t) Weight		7.8	10.3	16	25.6
电源 Power supply		380v;50Hz			
振动传感器 Vibrating sensor		监测范围: 0.1-50mm/s连续可调 Detect range 0.1-50mm/s continous and adjustable			
液 压 润 滑 站 Lubrication and hydraulic station	双油泵电动机功率 Double motor power	2 × 0.31KW			
	安全保护 Safety assuance	双油泵互补保证供油; 无油流、无油液压自动停机; 水冷降温; 冬季电机加热启动 Double oil pumps assure enough oilsupply;automatic switch off with no oil stream or hydraulic temperature with cool water in summer with motor in winter.			
	最大外形尺寸 长 × 宽 × 高 (mm) Overall Dimension (mm) (LxWxH)	820 × 520 × 1270			
	邮箱加热器功率 Powerof oil tank heater	2KW			

技术参数变动恕不另行通知
Technical parameters are subject to change without notice.

圆锥式破碎机

Cone crusher



产品简介 PRODUCT INTRODUCTION

圆锥破碎机适用于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, 可使金属异物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。破碎腔型式由矿石用途决定, 标准型适用于中碎, 中型适用于细碎; 短头型适用于超细碎。

圆锥破碎机工作原理:

圆锥破碎机的工作部分是两个截头为圆锥体, 一个是定锥2 (又称外锥), 另一个是动锥1 (又称内锥), 见图。定锥2是静置的, 是机架的一部分, 动锥1铰装于O点, 其下端活动地插在偏心衬套中, 因此, 定锥中心轴线OO' 与动锥中心轴线OO1相交成一斜角。当OO1绕OO' 旋转时, 使动锥沿着定锥内表面作偏旋运动。在动锥靠近定锥的区段, 该处物料受到动锥的挤压、撞击和弯曲作用, 成为破碎腔; 在动锥偏离定锥的地方, 已被破碎的物料在自重作用下从锥底卸出, 成为卸料口3, 物料从进料口4装入。

Cone Crusher: Cone crusher is suitable to crush various kinds of ores and rocks of medium or above medium hardness, and cone crusher is of stable structure, high efficiency, easy adjustment, and use economically, etc. The spring safety system of crusher acts as an overloading protection system that allows metals to pass through the crushing chamber so as not to damage the cone crusher. The safety system uses dry oil and water as two kinds of sealed formation to make plaster powder and engine oil separated to make surereliable performance. The type of crushing chamber depends upon the size of feeding and fineness of the crushed product. The standard type(PYB) is applied to medium crushing, the medium type is applied to medium or fine crushing and the short head type is applied to fine crushing.

Working Principle of Cone Crusher: Cone crusher crushes materials by the working surface between the movable cone and fixed cone. The movable cone of the cone crusher is supported by spherical bearing and fixed on an hanging erect shaft which is set in the eccentric sleeve, and the sleeve is set on the stopping and pushing bearing. The movable cone and erect shaft are driven by the eccentric shaft sleeve together. The eccentric shaft sleeve is driven by horizontal shaft and fimbriated gear, and the wheel of the conveyor belt is driven by motor through v-belts. The lower part of vertical shaft is installed in the eccentric sleeve. When the eccentric sleeve of cone crusher rotates, there is a conical surface lined out by the shaft. When the movable cone comes near the fixed cone, rocks are grinded into pieces, when the cone leaves, grinded materials is discharged from the discharge hole. The fixed cone can be ascended or descended by adjusting setting to adjust the width of discharge hole, consequently the output size is determined.



圆锥式破碎机技术参数

Cone crusher Technical Parameter

型 号 Model	破碎锥直径 Crusher cone diameter	进料口尺寸 Size of Feeder Opening (mm)	最大进料边长 Max. Feeding Size (mm)	出料口 调整范围 Discharge hole, Adjustment range	处理能力 Capacity (t/h)	偏心套转速 Eccentric sleeve rotate speed	电机功率 Motor Power (kw)	重 量 Weight (t)
PYB600	Φ 600	75	12-25	65	40	356	30	5
PYD600	Φ 600	40	2-13	35	12-23	356	30	5.5
PYB900	Φ 900	135	15-50	115	50-90	333	55	11.2
PYZ900	Φ 900	70	5-20	60	20-65	333	55	11.2
PYD900	Φ 900	50	3-13	50	15-50	333	55	11.3
PYB1200	Φ 1200	170	20-50	145	110-168	300	110	24.7
PYZ1200	Φ 1200	115	8-25	100	42-135	300	110	25
PYD1200	Φ 1200	60	3-15	50	18-105	300	110	25.3
PYB1750	Φ 1700	250	25-50	215	280-480	245	160	50.3
PYZ1750	Φ 1700	215	10-30	185	115-320	245	160	50.3
PYD1750	Φ 1700	100	5-13	85	75-230	245	160	50.2
PYB2200	Φ 2200	350	30-60	300	59-1000	220	280/260	80
PYZ2200	Φ 2200	275	10-30	230	200-580	220	280/260	80
PYD2200	Φ 2200	130	5-15	100	120-340	220	280/260	81.4
PYB1200	Φ 1200	170	20-50	145	110-168	300	110	24.7

技术参数变动恕不另行通知
Technical parameters are subject to change without notice.

振动筛

Vibratory Screen



产品简介 PRODUCT INTRODUCTION

我公司生产的YZS系列圆振筛是一种新型筛分设备，振动轨迹为圆，产量能耗均达到国家标准，居国内外先进水平，备受各行业用户的好评。在结构上采用筒体式偏心轴激振器及偏块调节振幅，先进的铆钉连接装配式机架结构提高了设备使用寿命及弹簧减振装置减小了对基础的冲击力，圆振动筛是一种多层、高效的新型振动筛。该机型物料筛淌线长，筛分规格多，各档规格筛选清晰，筛分效率高，不易堵塞。具有结构合理、激振力强、振动噪音小、坚固耐用、维修方便、使用安全等优点，广泛应用于矿山、建材、交通、能源、化工等行业的产品分级，是破碎筛分机组上的理想设备。当安装了小孔径筛网时，必须加水喷淋才能筛分潮湿的粘性物料。

圆振筛工作原理：

电动机经三角带使激振器偏心块产生高速旋转。运转的偏心块产生很大的离心力，激发筛箱产生一定振幅的圆运动，筛上物料在倾斜的筛面上受到筛箱传给冲量而产生连续的抛掷运动，物料与筛面相遇的过程中使小于筛孔的颗粒透筛，从而实现分级。

The Vibrating Screen (Vibratory Screen) is of many layers and high efficiency. The vibratory screen adopts the barrel type of eccentric shaft vibration exciter and eccentric block to adjust the swing. The screen is of the flowing characteristics, the screening line is long and specification of materials screened is various, and it is also of reliable structure, strong exciting force, high screening efficiency, low vibrating noise, long durability, convenient maintenance, safe operation, etc, and the vibratory screen is widely used for screening in wide range including mines, building material, transportation, energy sources, chemical industry, etc.

Working principle of vibratory Screen: The vibrating screen consists of screen box, supporting device, vibration exciter, transmission part, etc. The barrel-type vibration exciter is installed in the middle part of the machine. During normal operation, the vibration of exciter will drive the screen mesh fixed on the screen box vibrate, and then materials will be screened. The big and small materials fall from the upper side and lower side of the screen to get them separated.



振动筛技术参数

Vibratory Screen Technical Parameter

型号 Model	筛面尺寸 Screen size (mm)	筛面层数 No. of Layer	筛孔大小 Screen mesh (mm)	最大喂料 尺寸 Max. feed size(mm)	处理能力 Handling capacity (t/h)	功率 Motor power (Kw)	振动频率 Vibrating frequency (r/min)	双振幅 Double swing (mm)
2YZS1237	3700×1200	2	3-100	400	10-80	11	750-950	5-9
3YZS1237	3700×1200	3	3-100	400	10-80	11	750-950	5-9
2YZS1548	4800×1500	2	3-100	400	30-200	15	750-950	5-9
3YZS1548	4800×1500	3	3-100	400	30-200	15	750-950	5-9
2YZS1848	4800×1800	2	3-100	400	50-250	18.5	750-950	5-9
3YZS1848	4800×1800	3	3-100	400	50-250	18.5	750-950	5-9
4YZS1848	4800×1800	4	3-100	400	50-250	18.5	750-950	5-9
2YZS1860	6000×1800	2	3-100	400	65-586	22	750-950	5-9
3YZS1860	6000×1800	3	3-100	400	65-586	22	750-950	5-9
4YZS1860	6000×1800	4	3-100	400	65-586	22	750-950	5-9
2YZS2160	6000×2100	2	3-100	400	81-720	30	700-900	5-9
3YZS2160	6000×2100	3	3-100	400	81-720	30	700-900	5-9
4YZS2160	6000×2100	4	3-100	400	81-720	30	700-900	5-9
2YZS2460	6000×2400	2	3-150	400	100-500	30	700-900	5-9

技术参数变动恕不另行通知
Technical parameters are subject to change without notice.

高效节能圆锥球磨机

High-efficiency Energy Saving Cone Ball Mill



产品简介 PRODUCT INTRODUCTION

用途和使用范围:

球磨机是物料被破碎之后, 再进行粉碎的关键设备。球磨机广泛应用于水泥, 硅酸盐制品, 新型建筑材料、耐火材料、化肥、黑色与有色金属选矿以及玻璃陶瓷等生产行业, 对各种矿石和其它可磨性物料进行干式或湿式粉磨。

工作原理:

本机为卧式筒形旋转装置, 外沿齿轮传动, 两仓, 格子型球磨机。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。粉状物通过卸料篦板排出, 完成粉磨作业。

结构特点:

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, 可选择干式球磨机或湿式格子型球磨机。

Usage and using scope:

ball mill is the key milling equipment after material has been crushed. It is widely used in cement, silicate, new construction material, refractory material, chemical fertilizer, ferrous metal and non-ferrous metal as well as ceramics. It is widely applied to dry or wet grinding for ores and grind able materials.

Working principle:

the ball mill is horizontal cylindrical rotation device, driving by brim gearwheel; there are two chambers and grid. Material goes into the first chamber through the feeding inlet, inside the first chamber, there are stage liners and ripple liners as well as steel balls with various kinds. The shell rotates which generates eccentricity, this force brings ball to a certain height and then balls drop down by gravity, the impact is the grinding force to the material. After the primary grinding in the first chamber, material goes into the second chamber through segregate screen, in the second chamber, there are flat liners and steel balls, after the secondary grinding, material is discharged through the discharging screen.

Structural characteristics:

the ball mill is formed by feeding part, discharging part, rotation part and driving part (gear box, small transmission gearwheel, motor and electric control). The central hollow shaft is cast steel, the inner liner can be changed, the rotation big gearwheel is made by cast hobbling processing, and there are wearable liners with favorable anti-wear ability. Reliable and stable are the main advantage of this equipment.

球磨机 Ball Mill



球磨机技术参数

Ball Mill Technical Parameter

规格型号 Model	筒体转速 Shell rotation speed (r/min)	装球量 Ball load (t)	进料粒度 Feeding size (mm)	出料粒度 Discharging size (mm)	产量 Capacity (t/h)	电机功率 Motor power (kw)	重量 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	≤25	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	110	21
φ1500×5700	28	12	≤25	0.074-0.4	3.5-6	130	24.7
φ1830×3000	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
φ1830×6400	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	155	34
φ2100×4500	23.7	24	≤25	0.074-0.4	8-43	245	42
φ2100×7000	23.7	26	≤25	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	380	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	475	56
φ2400×3000	21	23	≤25	0.074-0.4	7-50	245	54
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

技术参数变动恕不另行通知
Technical parameters are subject to change without notice.

螺旋砂石洗选机

Spiral sand washing machine



产品简介 PRODUCT INTRODUCTION

XI系列洗选机适用于冶金、建材、水电等行业的洗选、分级、除杂等作用，本系列中轻系列适用于细粒度物料的洗选作业，重型适用于对粗粒度物料的洗选作业。

XI series washing machine is suitable for metallurgy, building materials, water and electricity industries such as washing, classification, and clearing sundries. This light series is suitable for fine particle materials the washing operation, and heavy series is suitable for coarse granularity material washing operation.

螺旋砂石洗选机技术参数

Spiral sand washing machine Technical Parameter

类型 Type	型号 Model	螺旋直径 Spiral diameter (mm)	入料粒度 Feeding Size (mm)	耗水量 Water consumption (m³/h)	生产能力 Capacity (t/h)	电机功率 Motor power (kw)	外形尺寸长x宽x高 Overall Dimension (mm) (LxWxH)	重量 Weight (kg)
轻型单螺旋 Light-weight single spiral	XL-508	08	<10	6-60	20	7.5	8000x2343x1530	2670
	XL-610	610	<10	6-63	50	7.5	8000x2490x1530	3800
	XL-762	762	<10	9-63	75	11-15	9070x2650x1530	5225
	XL-914	914	<10	10-80	100	11-15	9070x2650x1638	6370
	XL-1118	1118	<10	13-168	175	30	9070x2830x1900	9800
轻型双螺旋 Light-weight double spiral	2XL-762	762	<10	20-150	140	2x11	11580x3965x2370	7440
	2XL-914	914	<10	50-300	200	2x15	9070x3500x1638	9531
	2XL-1118	1118	<10	60-600	350	2x22	9070x3890x1900	16700
重型单螺旋 Heavy single spiral	XLZ-762	762	<60	160-220	80-125	22	11580x5226x2370	9800
	XLZ-914	914	<60	200-300	125-175	30	6980x1200x1340	11800
	XLZ-1118	1118	<75	250-350	180-250	37	7400x1380x1950	13955
重型双螺旋 Heavy double spiral	2XLZ-762	762	<60	300-400	100-150	2x22	6980x2091x1340	16800
	2XLZ-914	914	<60	30-450	150-200	2x30	7120x2146x1590	20800
	2XLZ-1118	1118	<75	450-500	200-300	2x37	8500x2861x2150	23870

技术参数变动恕不另行通知
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烘干机

Drying machine



产品简介 PRODUCT INTRODUCTION

烘干机主要用于选矿、建材、冶金、化工等部门烘干一定湿度或粒度的物料。烘干机对物料的适应性强，可以烘干各种物料，且设备操作简单可靠，故得到普遍采用。

公司生产的烘干机主要是转筒烘干机又名滚筒式烘干机，也叫转筒干燥机。转筒烘干机广泛应用于矿产、建材、冶金、选矿、化工、水泥、煤炭、医药等行业，主要用于矿微粉、矿渣、石灰石、粘土、河沙、煤泥、水渣、石英砂、鸡粪、牛粪、肥料等湿性比较大、比重大的物料。配套磨粉机可以组成粉煤灰、煤泥、水渣等加工生产线。

The drying machine is mainly used for beneficiation, building materials, metallurgy, chemical industry and other departments certain humidity or the granularity material drying. Drying machine can dry material completely, can dry all kinds of materials, and the equipment operation is simple and reliable, and therefore obtains the universal use.

Our drying machine is mainly drum dryer and also named as tumble dryer, also called drum drying machine. Drum dryers are widely used in mineral, building materials, metallurgy, mineral processing, chemical, cement, coal, pharmaceutical and other industries, mainly is suitable for the ore micro powder, slag and limestone, clay, river sand, coal slurry, water slag, quartz sand, chicken manure, cow dung, fertilizers, and other wet material, big size material. It can constitute the fly ash, coal slurry, and water slag processing production line along with the grinding mill.

烘干机技术参数

Drying machine Technical Parameter

型 号 Model	筒体容积 Cubage (M³)	筒体转速 Shell rotation speed (r/m)	筒体斜度 Inclination (角度)	电机型号 Motor model	电机功率 Motor power (kw)	减速机型号 Reduction gears model	外形尺寸 Overall dimension (mm)	重量 Weight (T)
FD1000×10000	7.85	6.73	3-5	Y132M2-6	4	JZQ400	10000×1876×2069	7.5
FD1200×6000	6.8	5.8		Y132M2-6	5.5	JZQ500	6000×2159×2475	7.97
FD1200×8000	9.1			Y132M2-6	5.5	JZQ500	8000×2159×2475	8.75
FD1200×10000	11.31			Y160M-6	7.5	JZQ500	10000×2159×2475	9.25
FD1200×12000	13.75			Y160M-6	7.5	JZQ500	12000×2159S×2475	10.3
FD1500×8000	14.14	4.8		Y160L-6	11	JZQ650	8000×2655×2859	14.74
FD1500×10000			Y160L-6	11	JZQ650	10000×2655×2895	15.9	
FD1500×12000	21.2		Y180L-6	15	JZQ650	12000×2055×2895	17.13	
FD1500×14000	24.9		Y180L-6	15	JZQ650	14000×2655×2895	18.33	
FD1800×10000	25.45	3-5	5	Y180L-6	15	JZQ650	10000×3060×2980	17.93
FD1800×12000	30.5			Y200L-6	18.5	JZQ650	12000×3060×2980	19.89
FD1800×14000	35.1			Y200L-6	18.5	JZQ650	14000×3060×2980	20.85
FD1800×18000	45.8			Y200L-6	22	JZQ650	18000×30609×980	22.3
FD2200×12000	45.6		4.4	Y200L-6	22	JZQ750	12000×3620×3570	30.31
FD2200×14000	53.2			Y200L-6	22	JZQ750	14000×3620×3570	32.23
FD2200×18000	68.4			Y225M-6	30	JZQ750	18000×3620×3570	34.15
FD2200×20000	70			Y225M-6	30	JZQ750	20000X3620×3570	36.07
FD2400×14000	63.3		3.85	Y225M-6	30	JZQ850	14000×3860×3760	39.9

技术参数变动恕不另行通知
Technical parameters are subject to change without notice.

[工业磨粉] 系列产品

Industrial Mill Series products

- 高压悬辊磨 High pressure suspension grinder
- HGM系列微粉磨 HGM Micropoeder Grinding Mill
- 欧版式磨粉机 European mill
- 球磨机 Ball Mill

高压悬辊磨粉机

High pressure suspension grinder



产品简介 PRODUCT INTRODUCTION

高压悬辊磨粉机与雷蒙磨相比增加了高压弹簧,在保证产量的情况下,增加了磨辊的使用寿命和稳定度。高压悬辊磨粉机主要适用于加工莫氏硬度9.3级以下,湿度在6%以下的各种非易燃易爆矿产物料的加工,在冶金、建材、化工、矿山、高速公路建设、水利水电等行业有着广泛的应用,是加工石英、长石、方解石、石灰石、滑石、陶瓷、大理石、花岗岩、白云石、铝矾土、铁矿石、重晶石、膨润土、煤矸石、煤等物料的理想选择,物料的成品细度可在0.613毫米到0.033毫米之间调整。

High Pressure Suspension Grinder compared with Raymond mill, increasing the high pressure spring, to ensure the production capacity, and improve the grinding roller life and stability. High Pressure Suspension Grinder is mainly suitable for processing Morse hardness below 9.3 level, humidity below 6% of all kinds of inflammable and explosive material, in metallurgy, building materials, chemical, mining, highway construction, water conservancy and electricity industry has a wide range of applications. It is the ideal choice of processing quartz, feldspar, calcite, limestone, talcum, pottery and porcelain, marble, granite, dolomite, bauxite, iron ore, barite, bentonite, coal gangue, coal material. And the material of the finished product fineness can be adjusted between 0.613 mm to 0.033 mm.



高压悬辊磨粉机技术参数 High pressure suspension grinder Technical Parameter

型号 Model	磨辊数量 Grinding roller number	磨辊直径×高度 Grinding roller diameter x high	磨环直径×高度 Grinding ring diameter x high	最大进料粒度(mm) Maximum feed size	成品粒度 The final Size (mm)	产量 Capacity (t)	主机转速 (转/分钟) Motor rotate speed (R/M)	主机功率 Power (kw)	外形尺寸 Overall dimension (m)
YGM75	3	260×150	780×150	<15	0.613-0.033	1-3	160	18.5	4.3×3.5×5.1
YGM85	3	270×140	830×140	<20	0.613-0.033	1.2-4.6	150	22	5.3×4.1×5.2
YGM95	4	310×170	950×170	<25	0.613-0.033	2.1-5.6	130	37	7.1×5.9×7.9
YGM130	5	410×210	1280×210	<30	0.95-0.033	3-9.5	103	75	7.85×8×9.7
YGM160	6	440×270	1600×270	<35	1.9-0.045	8-16	82	132	12.55×5.7×8.355

技术参数变动恕不另行通知
Technical parameters are subject to change without notice.

HGM系列微粉磨

HGM Micropoeder Grinding Mill

产品简介 PRODUCT INTRODUCTION

HGM系列微粉磨粉机主要适用于中、低硬度，莫氏硬度6级的非易燃易爆的脆性物料，成品粒度在400-3000目之间任意调节。

性能特点:

- 1、高效
- 2、易损件使用寿命长
- 3、安全可靠性能高
- 4、产品细度高
- 5、环保

Brief introduction

HGM series Micro powder grinding mill is mainly used to grind non-flammable and non-explosive materials which is brittle and of hardness not more than 6 on Mon's scale. Size of finished product can be adjusted freely between 400-3000 mesh.

Features

- 1.High efficiency.
- 2.Long lifetime of wearing parts.
- 3.reliable performance.
- 4.high fineness of finished product.
- 5.Environment friendly.

HGM系列微粉磨技术参数

HGM Micropoeder Grinding Mill Technical Parameter

项目	Item	HGM80	HGM100
环辊数量	No. of Roller(pcs)	21	27
磨环直径	Ring diameter(mm)	φ 800	φ 1000
滚道环数量	Layer of ring(pcs)	1x3	1x3
主机转速	Rotary speed of main unit(r/min)	180-250	150-200
最大进料粒度	The Max.Feeding Size(mm)	<10	<10
成品粒度	Output size(micron/mesh)	47-5/325-2500	47-5/325-2500
产量	Capacity(kg/h)	4500-400	6500-900
外形尺寸	Overall dimension(m)	13.5x4x6.5	18x4.5x8.6

技术参数变动恕不另行通知
Technical parameters are subject to change without notice.

欧版式磨粉机

European mill

产品简介 PRODUCT INTRODUCTION

MTW系列欧式磨粉机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。

欧版磨粉机性能特点:

- 1、锥齿轮整体传动
- 2、内部稀油润滑系统
- 3、弧形风道
- 4、曲面可换刀刃铲刀
- 5、隔离式旋风集粉器
- 6、无阻力进风蜗壳（小观察门无涡流）
- 7、精美外观



MTW series European mill is used bevel gear whole drive, internal thin oil lubrication system, arc air duct and the latest many patent technology new type machine. Stable performance, convenient operation, low energy consumption, can control product granularity, grinding material widely used; equipped with special filter, dust emission concentration is lower than the national environmental regulations.

European mill performance features:

1. Bevel gear whole drive.
2. Internal thin oil lubrication system.
3. Curved pipe
4. Surface can change blade shovel knife.
5. Isolation type cyclone powder collector.
6. No resistance into wind volute (small observation door no eddy current).
7. Elegant appearance.

欧版式磨粉机技术参数

HGM Micropoeder Grinding Mill Technical Parameter

型号 Model	磨辊数量 (个) Number of roller (piece)	磨环内径 Diameter of ring (mm)	主机转速 Rotary speed of main unit (r/min)	进料最大尺寸 The Max.Feeding Size(mm)	成品粒度 Output size (mm)	产量 Capacity (t/h)	外形尺寸 Overall dimension (mm)	重量 Weight (t)
MTW-110	4	1100	120	<30	1.6-0.045 最细可达0.038	3.5-10	8910×6950×9010	18
MTW-138	4	1380	96	<35	1.6-0.045 最细可达0.038	6.5-15	9860×8340×10227	28.5
MTW-175	5	1750	75	<40	1.6-0.045 最细可达0.038	11-25	13500×11500×9500	46

技术参数变动恕不另行通知
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注：表中产量指粉磨方解石，其成品的通筛率为80%。各项参数及外形若有变更，依发货时附带的使用维护说明为准。

高效节能圆锥球磨机

High-efficiency Energy Saving Cone Ball Mill



产品简介 PRODUCT INTRODUCTION

用途和使用范围:

球磨机是物料被破碎之后,再进行粉碎的关键设备。球磨机广泛应用于水泥,硅酸盐制品,新型建筑材料、耐火材料、化肥、黑色与有色金属选矿以及玻璃陶瓷等生产行业,对各种矿石和其它可磨性物料进行干式或湿式粉磨。

工作原理:

本机为卧式筒形旋转装置,外沿齿轮传动,两仓,格子型球磨机。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。粉状物通过卸料篦板排出,完成粉磨作业。

结构特点:

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,可选择干式球磨机或湿式格子型球磨机。

Usage and using scope:

ball mill is the key milling equipment after material has been crushed. It is widely used in cement, silicate, new construction material, refractory material, chemical fertilizer, ferrous metal and non-ferrous metal as well as ceramics. It is widely applied to dry or wet grinding for ores and grind able materials.

Working principle:

the ball mill is horizontal cylindrical rotation device, driving by brim gearwheel; there are two chambers and grid. Material goes into the first chamber through the feeding inlet, inside the first chamber, there are stage liners and ripple liners as well as steel balls with various kinds. The shell rotates which generates eccentricity, this force brings ball to a certain height and then balls drop down by gravity, the impact is the grinding force to the material. After the primary grinding in the first chamber, material goes into the second chamber through segregate screen, in the second chamber, there are flat liners and steel balls, after the secondary grinding, material is discharged through the discharging screen.

Structural characteristics:

the ball mill is formed by feeding part, discharging part, rotation part and driving part (gear box, small transmission gearwheel, motor and electric control). The central hollow shaft is cast steel, the inner liner can be changed, the rotation big gearwheel is made by cast hobbling processing, and there are wearable liners with favorable anti-wear ability. Reliable and stable are the main advantage of this equipment.

球磨机 Ball Mill



球磨机技术参数

Ball Mill Technical Parameter

规格型号 Model	筒体转速 Shell rotation speed (r/min)	装球量 Ball load (t)	进料粒度 Feeding size (mm)	出料粒度 Discharging size (mm)	产量 Capacity (t/h)	电机功率 Motor power (kw)	重量 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	≤25	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	110	21
Φ1500×5700	28	12	≤25	0.074-0.4	3.5-6	130	24.7
Φ1830×3000	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
Φ1830×6400	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	155	34
Φ2100×4500	23.7	24	≤25	0.074-0.4	8-43	245	42
Φ2100×7000	23.7	26	≤25	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	380	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	475	56
Φ2400×3000	21	23	≤25	0.074-0.4	7-50	245	54
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

技术参数变动恕不另行通知
Technical parameters are subject to change without notice.

【选矿辅助设备】 系列产品

Ore dressing Equipment Series products

- 槽式/摆式给料机 Chute/Pendulum Feeder
- 高频筛 High Frequency Screen
- 搅拌桶 Mixing barrel
- 浮选机 Flotation machine
- 湿式永磁筒式磁选机 Wettype permanent-magnet Cylindrical type Separator
- 干式磁选机 Dry magnetic separator

槽式/摆式给料机

Chute/Pendulum Feeder

产品简介 PRODUCT INTRODUCTION

槽式给料机可以架设于地面，也可以吊装在矿仓卸料口上。槽底板作往复运动，其冲次为20-60次/min,冲程为20-200mm。冲程可由驱动装置偏心轮进行适当调整，偏心距为冲程之半。据一些选矿厂生产实践，对于粘性矿石，偏心距不应小于30mm。槽式给料机的槽体宽度约为给料最大粒度的2-2.5倍。最大的槽式给料机，可满足小于500mm粒度铁矿石的给矿。最常选用的规格是980*1240槽式给料机，其给料粒度为350-0mm，适于作为400*600鄂式破碎机的给料设备。

Chute feeder can be set up on the ground, also can be lifted in ore bin discharge port. The slot bottom-board do reciprocating motion, frequency of stroke 20-60 times every minute, stroke for 20-200 mm. Stroke can be adjusted by the drive eccentric wheel, eccentricity distance is half of the stroke. According to some dressing plant production practice, for viscous ore, eccentric distance should be not less than 30 mm. Chute feeder of the slot width about feeding of the largest size 2-2.5 times. The largest Chute feeder, can meet less than 500 mm size of iron ore mine. The most commonly chosen specification is 980 * 1240 feeder, and its feeding particle size is 350-0 mm, suitable for feeding equipment of 400 * 600 jaw crusher.

槽式/摆式给料机技术参数

Chute/Pendulum Feeder Technical Parameter

型号 Model	出料口 (宽x高) Discharging mouth (wide x high) (mm)	最大进料粒度 Max. Feeding Size (mm)	槽底往复次数 (次/分) Chute bottom reciprocating frequency (t/m)	给料能力 Feeding capacity (t/h)	功率 power (kw)	重量 Weight (kg)
600×500	600×500	205	38.9	10.5	4	1054
900×2100	900×2100	350	23.7	25-80	5.5	1650
980×1240	980×1240	350	23.7	36-90	7.5	1700
1000×1900	1000×1900	400	27	300	7.5	2691

技术参数变动恕不另行通知
Technical parameters are subject to change without notice.

高频筛

High Frequency Screen

产品简介 PRODUCT INTRODUCTION

高频筛由激振器、矿浆分配器、筛框、机架、悬挂弹簧和筛网等部件组成。高频筛效率高、振幅小、筛分频率高。与普通筛分设备的原理不同，由于高频筛采用了高频率，一方面破坏了矿浆表面的张力和细粒物料在筛面上的高速振荡，加速了大密度（比重）有用矿物和析离作用，增加了小于分离粒度物料与筛孔接触的概率。从而造成了较好的分离条件，使小于分离粒度的物料，特别是比重大的物粒和矿浆一起透过筛孔成为筛下产物。

High frequency screen consists of vibration exciter, pulp distributor, screen frame, frame, suspension spring and screen, etc. High frequency screen has high efficiency, small amplitude, screening of high frequency. And principle is different from common screening equipment, because of high frequency screen using the high frequency. On the one hand, destroy the pulp surface tension and fine grained material high speed oscillation on the screen surface, accelerate the density (ratio) useful minerals and separation effect, increase the contact probability of separation size material and the screen. Thus cause a good separation conditions, making less than separation size materials, especially than major content of grain and pulp together through the sieve pore becoming screen product.

高频筛技术参数

High Frequency Screen Technical Parameter

型号 Model	筛面面积 Screening surface area (m ²)	入料浓度 Feeding concentration (%)	处理能力 Capacity (t/h)	功率 power (kw)
GPS-4	4.5	30%-40%	15-25	0.72
GPS-5	5.2	30%-40%	20-30	1.1
GPS-6	6	30%-40%	24-36	1.5
GPS-8	8.1	30%-40%	32-48	2.2

技术参数变动恕不另行通知
Technical parameters are subject to change without notice.

搅拌桶

Mixing barrel

产品简介 PRODUCT INTRODUCTION

搅拌桶是由电动机三角带传动带动叶轮旋转将药物和矿浆充分混合均匀, 增加药剂作用反应时间强化药物反应质量的必要设备, 本机适用于选矿业, 也可用作各种化工业的槽糕搅拌。

矿用搅拌桶的特点:

1. 结构紧凑, 密封性好, 并在进料口设置挡灰板, 防止水雾反串;
2. 搅拌均匀, 搅拌叶片呈扇形, 搅拌时与介质接触面积大;
3. 喷嘴多排设置, 水量均匀并可调节;
4. 剩灰率低, 箱体底部的分水岭的设置确保设备内无死角。
5. 矿用搅拌筒设备性能先进、成品质量稳定、搅拌均匀、出料迅速。

Mixer is running the impeller rotating to drugs and pulp fully mix evenly by motor triangle belt transmission, increase the potion effect reaction time strengthen drug reaction quality necessary equipment, the machine is suitable for ore beneficiation, also can be used for all kinds of chemical industrial material mixing.

Mine mixer features:

1. Compact structure, good sealing, and in the feed port Settings ash damper, prevent water mist disturb;
2. Stir well, mixing blade is sector, mixing with medium large contact area;
3. Spray head multi-slice Settings, Water evenly and adjustable ;
4. Remain ash rate is low, the bottom of the watershed Settings to ensure that equipment inside no dead angle.
5. Mine mixer equipment performance is advanced, the product quality is stable, mixed well, discharge quickly.

搅拌桶技术参数

Mixing barrel Technical Parameter

型号 Model	槽内直径 Diameter of chute (mm)	槽内高度 Height of chute (mm)	有效容积 Effective cubage (mm)	叶轮直径 Impeller diameter (mm)	叶轮转速 Impeller rotary speed (r/min)	配用电机 Motor		重量 Weight (kg)
						型号 Model	功率(kw) Power	
XB-750	750	750	0.26	240	530	Y90S-4	1.1	228
XB-1000	1000	1000	0.58	240	530	Y90L-4	1.5	436
XB-1200	1200	1200	1.14	400	320	Y100L2-4	3	765
XB-1500	1500	1500	2.2	400	320	Y100L2-4	3	1083
XB-2000	2000	2000	5.46	550	230	Y132M2-6	5.5	1671
XB-2500	2500	2500	11.2	650	200	Y160L-6	11	3438
XB-3000	3000	3000	19.1	700	210	Y225S-8	18.5	4613
XB-3500	3500	3500	30	850	230	Y225M-8	22	7110

技术参数变动恕不另行通知
Technical parameters are subject to change without notice.

浮选机

Flotation machine

产品简介 PRODUCT INTRODUCTION

特点及用途:

本浮选机适用于有色黑色金属的选别, 还可用于非金属如: 煤、莹石、滑石的选别。

该浮选机由电动机三角带传动带动叶轮旋转, 产生离心作用形成负压, 一方面吸入充足的空气与矿浆混合, 一方面搅拌矿浆与药物混合, 同时细化泡沫, 使矿物粘合泡沫之上, 浮到矿浆面再形成矿化泡沫。调节闸板高度, 控制液面, 使有用泡沫被刮板刮出。

Features and usage:

The flotation machine is suitable for non-ferrous and ferrous metal sorting, but also can be used for nonmetal such as: coal fluorite, talc choice.

The flotation machine by motor triangle belt transmission to drive the impeller revolving, producing centrifugal action to form negative pressure, on the one hand, suction plenty of air and pulp mixing, on the one hand, mixing the pulp and drug combinations, and at the same time refining bubble, make mineral adhesive foam on, floating to pulp surface reformulation mineralization foam. Adjust damper height, control level, making useful foam come out.

浮选机技术参数

Flotation machine Technical Parameter

型号 Model	有效容积 Effective cubage (m³/槽)	叶轮直径 Impeller diameter (mm)	处理能力 Processing capacity (m³/min)	叶轮转速 Impeller rotary speed (r/min)	配用电机 Motor (kw)	槽体尺寸(单槽) Chute size (single) (mm)	重量 Weight (t)
XJK-0.35	0.35	300	0.15-0.5	470	2.2	700X700X700	0.45
XJK-0.62	0.62	350	0.3-0.9	400	3	900X900X850	0.85
XJK-1.1	1.1	500	0.6-1.6	330	5.5	1100X1100X1000	1.4
XJK-2.8	2.8	600	1.5-3.5	280	11	1750X1600X1100	2.43
XJK-5.8	5.8	750	3-7	240	30	2200X2200X1200	3.53
XJC-4	4	700	3-6	190	10	1700X1700X1600	3.1
XJC-8	8	900	4-8	170	22	2200X2200X1800	3.95
XJQ-40	4	400	2-5	290-315	11	1600X2100X1350	3.3
XJQ-160	16	700	8-20	170-180	37	2800X3800X1700	9.46

技术参数变动恕不另行通知
Technical parameters are subject to change without notice.

湿式永磁筒式磁选机

Wettype permanent-magnet Cylindrical type Separatop



产品简介 PRODUCT INTRODUCTION

湿式永磁筒式磁选机是铁矿石选厂普通使用的一种磁选机，它适用于选别强磁性矿物。按照槽体的结构型式不同，磁选机分为顺流式、逆流式、半逆流式三种。三种不同槽体型式的磁选机入选粒度如下：顺流槽体≤6mm，逆流槽体≤1.5mm，半逆流槽体≤0.5mm。

顺流式磁选机处理能力大，适宜于处理较粗粒度的强磁性物料的粗选和精选，亦可多台串连工作。顺流式磁选机当给矿量大时，磁性矿粒容易损失于尾矿，因此要加强操作管理，控制较低的矿浆水平。

逆流式磁选机适宜于细粒强磁性矿物的粗选与扫选作业，回收率较高，但精矿品位较低。因为粗粒物料易沉积堵塞选别空间，所以逆流型磁选机不适于处理粗粒物料。

半逆流磁选机可以获得高质量的铁精矿，同时也能得到较好的回收率，所以半逆流磁选机在生产实践中得到广泛的应用。它适宜于处理0.5mm以下的矿粒的粗选和精选，还可以多台串联和并联，实现多次的扫选和精选。

Wet type permanent magnetic drum separator is iron ore manufacturer common use of a sort of magnetic separator, it is suitable for choose strong magnetic mineral. According to the structure of the trough type difference, the magnetic separator is divided into direct flow type, counter-current type, half-counter-current three. Three different slot types of magnetic separation machine feeding size are as follows: down flow type trough 6 mm below, counter-current trough were <1.5 mm, half counter-current trough is 0.5 mm or less.

Down flow type magnetic separation machine has big capacity, suitable for processing strong magnetic material of roughing and fineness, and it can be more machines connection work. Down flow type magnetic when to ore large ore, magnetic ore grain easy loss in tailings, so to strengthen the operation management, control the lower pulp level.

Counter-current magnetic separation machine is suitable for fine grained strong magnetic mineral roughing and scavenging homework, recovery rate is higher, but the concentrate grade is low. Because coarse grained material is easy to deposit and jam space, so counter-current type magnetic separator is not suitable for processing coarse grained material.

Half counter-current magnetic separator can get high quality iron ore concentrate, and at the same time, also can get good recovery, so half counter-current magnetic separation machine are widely used in the production practice. It is suitable to deal with the ore grain below 0.5 mm roughing and choice, it can also use many sets of series and parallel, to achieve many of scavenging and selected.

湿式永磁筒式磁选机技术参数

Wettype permanent-magnet Cylindrical type Separatop Technical Parameter

型号 Model	处理能力 Handling capacity (t/h)	磁场强度 Magnetic density (oe)	电机功率 Motor power (kw)	重量 Weight (t)
CTB600×900	8-15	1450	1.1	0.91
CTB600×1800	15-25	1500	2.2	1.34
CTB750×1200	25-30	1550	2.8	1.49
CTB750×1800	30-45	1550	3	2.05
CTB900×1800	35-60	1550	4	3
CTB1050×2400	55-90	1550	5.5	5
CTB1200×3000	80-150	1550	7.5	7.8
CTB1500×3000	120-200	1550	11	9.6

技术参数变动恕不另行通知
Technical parameters are subject to change without notice.

干式磁选机

Dry magnetic separator



产品简介 PRODUCT INTRODUCTION

干式磁选机是针对干燥的磁性矿物进行分选的磁力选矿机械，相对于湿式磁选机分选矿物时要使用液体作为稀释剂提高分选效率而言，干式磁选机则要求被分选的矿物干燥，颗粒之间可以自由移动、成独立的自由状态，否则会影响磁选效果，甚至会造成不可分选后果。干式磁选机适用于粒度3mm以下的磁铁矿、磁黄铁矿、焙烧矿、钛铁矿等物料的湿式磁选，也用于煤、非金属矿、建材等物料的除铁作业。干式磁选机的磁系，采用优质铁氧体材料或与稀土磁钢复合而成，筒表平均磁感应强度为100~600mT。根据用户需要，可提供顺流、半逆流、逆流型等多种不同表强的磁选。本磁选机具有结构简单、处理量大、操作方便、易于维护等优点。

干式磁选机适用范围：本系列干式磁选机适用于耐火材料、化工材料、粮油机械、磨料、陶瓷、冶金、水泥、泡沫冶金、橡胶、矿石等多种物料除（选）铁使用，并可同雷蒙磨、粉碎机、球磨机配套使用。

干式磁选机特点：

适用于粒度3mm以下的磁铁矿、磁黄铁矿、焙烧矿、钛铁矿等物料的湿式磁选，也用于煤、非金属矿、建材等物料的除铁作业。干式磁选机的磁系，采用优质铁氧体材料或与稀土磁钢复合而成，筒表平均磁感应强度为100~600mT。结构简单、处理量大、操作方便、易于维护等。

Dry magnetic separator is aimed at dry magnetic minerals separation machinery, relative to the wet magnetic separator sorting mineral, to use liquid as diluent improve separation efficiency is concerned, dry magnetic separator is asked to be sorted mineral dry, between particles can move freely, into independent free state, otherwise, it will affect magnetic separation effect, even can cause not the consequences of separation. Dry magnetic separator suitable for particle size 3 mm the following magnetite, magnetic pyrite, roasting ore, titanium ore material such as wet magnetic separation, also used in coal, non-metallic materials, building materials of iron removal work. Dry magnetic separator magnetic system, using high-quality ferrite materials with rare earth magnet steel compound, barrel table average magnetic induction intensity for 100 ~ 600 mt. According to customer needs, can provide downstream, half countercurrent, counter-current type and so on the many kinds of different table strong magnetic separation. The magnetic separator has simple structure, large in capacity, convenient operation and easy to maintenance etc advantages.

Dry magnetic separator applicable scope: this series dry magnetic separator suitable for refractory materials, chemical materials, grain and oil machinery, abrasives, ceramics, metallurgy, cement, powder metallurgy, rubber, ore and so on the many kinds of material except (choose) iron use, and can with Raymond mill, crusher, ball mill supporting the use.

Dry magnetic separator features: Dry magnetic separator magnetic system, using high-quality ferrite materials or with rare earth magnet steel compound and into, barrel table average magnetic induction intensity for 100 ~ 600 mt. Simple structure, large in capacity, convenient operation, easy maintenance, etc.

干式磁选机技术参数

Dry magnetic separator Technical Parameter

型号 Model	筒径×筒长 Cylinder bore × Barrel long (mm)	筒表面磁感应 强度 (MT) Magnetic intensity on surface	处理能力 Handling capacity (t/h)	电机功率 Motor power (kw)	筒体转速 Rotary speed of cylinder (r/min)	外形尺寸 Overall dimension (mm)	重量 Weight (kg)
CTB-712	750X1200	120	15-30	48	3	2300X1650X1350	1500
CTB-718	750X1800	120	20-45	72	3	2900X1650X1400	2100
CTB-918	900X1800	148	25-55	90	4	2950X1650X1600	2900
CTB-924	900X2400	148	35-70	110	4	3700X1650X1600	3500
CTB-1018	1050X1800	148	40-75	120	5.5	3150X1650X1800	4000
CTB-1021	1050X2100	148	45-88	140	5.5	3350X1600X1800	4500
CTB-1024	1050X2400	148	52-100	160	5.5	3750X1650X1800	5000
CTB-1218	1200X1800	148	47-90	140	5.5	3150X2150X2050	5800
CTB-1224	1200X2400	148	82-120	192	7.5	3750X2180X2050	6200
CTB-1230	1200X3000	160	82-150	240	7.5	4350X2200X2050	7200

技术参数变动恕不另行通知
Technical parameters are subject to change without notice.



[输送设备]

Conveying Equipments Series products

- > 胶带输送机 Belt Conveyor
- > 螺旋输送机 Screw Conveyor
- > 斗式提升机 Bucket Elevator

胶带输送机

Belt Conveyor



产品简介 PRODUCT INTRODUCTION

我公司生产的皮带输送机能够经济而有效地输送各种物料，因而广泛应用于采矿、冶金、化工、铸造、建材等行业的输送和生产流水线以及水电站建设工地和港口等生产部门，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，也可多台胶带输送机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。

工作原理:

输送带根据摩擦传动原理而运动，具有输送量大、输送距离长、输送平稳，物料与输送带没有相对运动，噪音较小，结构简单、维修方便、能量消耗少、部件标准化等优点。

The belt conveyor produced by our company has the strongpoints of large conveying amount, simple structure, easy maintainance, high standardization degree, etc, which is widely used in mining, metallurgy, coal and other industries. The belt conveyor can be used to transfer bulk materials or materials in pieces. According to different transferring requirements, the transferring system can be of only one belt conveyor or consists of several conveyors, or combined with other transferring equipments. The belt conveyor can be installed horizontally or aslope to meet the needs of different transferring requirements.

Working principle: The motor drives the driving rollers of the belt conveyor, and drives the roller by the strong belt advances. Materials are conveyed from the original place to the place where they are needed.

胶带输送机技术参数

Belt Conveyor Technical Parameter

胶带宽度 Belt Width (mm)	输送长度(m)/功率(Kw) Belt Length (m) / Power (kW)			输送速度 Belt Speed (m/s)	输送量 Capacity (t/h)
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	30-30/5.5-7.5	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	320-480

技术参数变动恕不另行通知
Technical parameters are subject to change without notice.

螺旋输送机

Screw Conveyor



产品简介 PRODUCT INTRODUCTION

LSY型系列螺旋输送机是一种在封闭的圆形截面的壳体内，利用旋转的螺旋叶片连续推送物料的新型输送设备。

主要特点:

具有结构紧凑，横截面积小，重量轻，密封性能好，输送效率高，工艺布置灵活，装，拆，移动方便，操作安全。适用于输送各种粉状、粒状、小块装的物料，如粘土粉、煤粉、水泥、砂、谷粒、小块煤、卵石以及铸铁切屑等。不适宜输送粘性大，易结块、易变质的物料。

LSY type series spiral conveyor is a kind of new equipment with closed circular cross section shell, and use rotating helical blade continuously push material conveying.

Main features:

Compact structure, small cross sectional area, light weight, good sealed performance, high transmission efficiency, process arrangement flexible, installed, tear down, easy moving, and safe operation. Applicable to transport all kinds of powder, granular, small in block material, such as clay powder, pulverized coal, cement, sand, grain, small lumps, pebbles and cast iron chip, etc. Not suitable for conveying big viscosity, easy to agglomerate, perishable materials.

螺旋输送机技术参数

Screw Conveyor Technical Parameter

型号 Model	LSY160	LSY200	LSY250	LSY300
螺旋体直径 (mm) Spirochaeta diameter	160	193	250	300
输送长度 (m) Conveying length	2.5-6	4.5-12	6-9	6-9
螺旋体转速 (r/min) Spirochaeta rotate speed	100	209	209	174
外壳直径 (mm) Shell diameter	Φ194	Φ219	Φ273	Φ325
工作角度 Slope of Fluid	≤20°	≤35°	≤35°	≤35°
输送能力 (t/h) Conveying capacity	25	35	35	75
电机型号 Motor model	Y100L-4	Y132M-4	Y160M-4	Y180M-4
电机功率 (kw) Motor Power	3-7.5 KW	4-11KW	7.5-11KW	11-18.5KW

技术参数变动恕不另行通知
Technical parameters are subject to change without notice.

斗式提升机

Bucket Elevator



产品简介 PRODUCT INTRODUCTION

斗式提升机适用于垂直输送粉状、粒状及小块状且磨琢性较小的散状物料,这类提升机对物料的种类、特性及块度的要求少;可提升粉状、粒状和块状物料,可提升磨琢性的物料;如粮食、煤、水泥、碎矿石等,可提升温度<250度的高温物料,提升高度最大40m。

斗式提升机的优点:

先进的设计原理,保证整机运行的可靠性,操作方便,维修量少,易损件少,使用生产成本低。密封性好,环境污染少,机械尺寸小,与同等提升量的其他各类提升机比较,机械尺寸较小。TD型按JB3926-85《垂直斗式提升机》标准设计制造,与传统D型斗式提升机相比,输送效率高,料斗型式多,应优先选用。

Bucket elevator is suitable for vertical conveying powder, granulated and small lump and grinding cut smaller disperses shape material, this kind of elevator requires little for material type, characteristics and the size of the lump material; It can vertical conveying the powder, granular and block material, it can vertical conveying the grinding material; Such as grain, coal, cement, broken ore, etc, it can vertical conveying the temperature < 250 degree material, material hoisting height maximum 40 m.

Bucket elevator advantages:

Advanced design principle. Guarantee the machine running reliability and easy operation. Maintenance quantity is little, less spare parts, reducing the cost of production lower. Good tightness, little environmental pollution. Mechanical size is small. And the same bucket elevator capacity of all kinds of elevator comparison, mechanical size is smaller. TD type is designed and manufactured according to the JB3926-85 "vertical bucket elevator" standard, and the traditional D type bucket elevator, compared with high transmission efficiency, hopper type is various, it should be your first selection.

斗式提升机技术参数

Bucket Elevator Technical Parameter

型号 Model	形式 Form	输送能力 Conveying capacity (m³/h)		料斗 Buckets					输送物料 最大块度 Conveying maximum material (mm)	提升高度 Lifting height (m)
		深斗 Deep bucket	浅斗 Shallow bucket	容量 (L) Cubage		斗距 Buckets distance (mm)	斗宽 Buckets wide (mm)	运行速度 Speed (m/s)		
				深斗 Deep bucket	浅斗 Shallow bucket					
D160	胶带式	8	3.1	1.1	0.65	300	160	1.0	25	4.82-30.02
D250	胶带式	21.6	11.8	3.2	2.6	400	250	1.25	35	4.48-30.08
D350	胶带式	42	25	7.8	7	500	350	1.25	45	4.3-30.3
D450	胶带式	69.6	48	15	14.5	640	450	1.25	55	4.54-34
HI300	环链离心式	28	16	5.2	4.4	500	300	1.25	40	4.66-30.16
HI400	环链离心式	47.2	30	10.5	10	600	400	1.25	50	4.52-30.32
PI350	板链重力式	50	59	10.2	10.2	250	350	0.4	110	4-30
PI450	板链重力式	85	100	22.4	22.4	320	450	0.4	150	5.12-30.08

技术参数变动恕不另行通知
Technical parameters are subject to change without notice.

移动式破碎站

Mobile Crushing Plant



YGE系列粗碎鄂破移动式破碎站是我公司开发推出的一种新颖的岩石破碎设备,大大拓展了粗碎作业概念领域。它的设计理念的宗旨是站在客户的立场,把消除破碎场地、环境带给客户破碎作业的障碍作为首要的解决方案。真正为客户提供高效低成本的项目运营硬件设施。

YGE系列粗碎移动式破碎站的卓越性能:

- Pe系列高性能破碎机
- 与破碎机一体化的振动给料机和振动筛
- 筛下皮带机、振动筛、破碎机一体化的车载安装
- 转向牵引轴,便于公路运输及场地深入
- 车载安装支撑,设备场地驻扎快捷便利
- 车载式电动机及控制箱一体化

YGE series coarse crushing jaw crusher mobile crushing plant is our company developed and launched new type of ore and stone crushing equipment. It greatly expands the crushed operation concept field. Its design concept aim is standing in customer's position, and take eliminate field, environment bring customers crushing operation obstacle as a primary task. It is true to provide high efficient, low cost of the hardware facilities.

Properties:

1. PE series high-performance crusher.
2. Belt conveyor, vibration feeder and vibrating screen integration.
3. Under size belt machine, crusher, vibrating screen integrated vehicle installation.
4. Steering traction axis, facilitate highway transportation and field further.
5. Vehicle installation support, equipment field stationed swift and convenient.
6. Vehicular motor and control box integration.

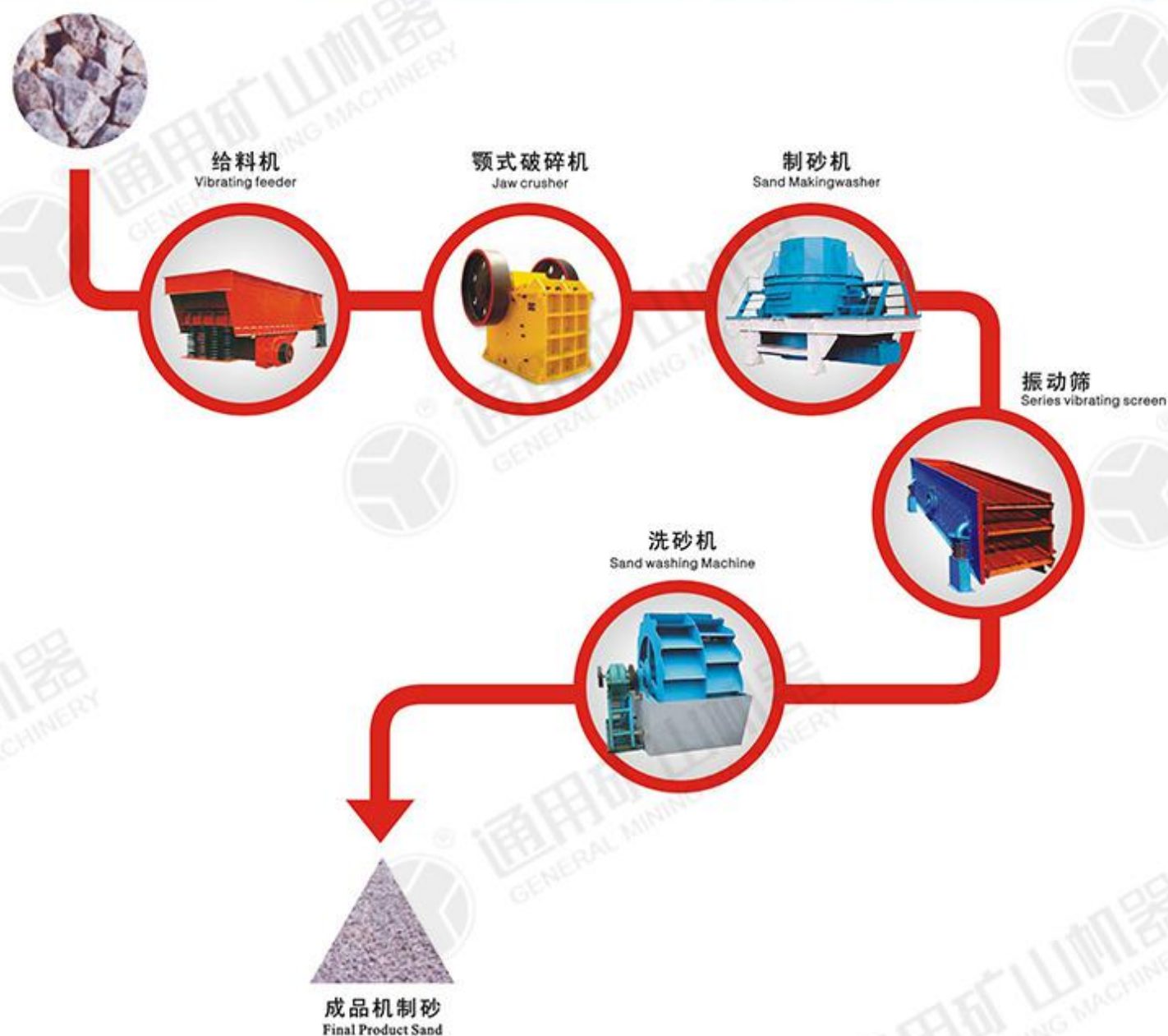
移动式破碎站技术参数

Mobile Crushing Plant Technical Parameter

型号 Model	运输长度 Conveyor length (mm)	运输宽度 Conveyor width (mm)	运输高度 Conveyor height (mm)	最大长度 Max.length (mm)	最大高度 Max.height (mm)	最大宽度 Max.width (mm)	皮带机高度 Belt conveyor height (mm)	轮胎配置 Wheel type	重量 Weight (t)
YG938E69	12500	2450	4000	13200	4600	3100	2700	并装双轴	42
YG1142E710	14000	2450	4800	15000	5800	3300	2700	并装三轴	55
YG1349E912	15500	3000	4800	17000	5800	3500	3000	并装四轴	72

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制砂生产线 Sand Production Line



石料生产线 Stone Production Line



Customer site 客户现场



通用矿山机器
General Mining Machinery