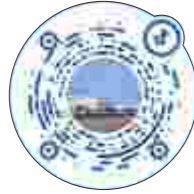


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金津矿山机械

JINJIN MINING MACHINERY



智能绿色矿山 · 建筑固废处理技术装备制造商

松滋市金津矿山机械股份有限公司

SONGZI JINJIN MINING MACHINERY CO., LTD

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松滋市金津矿山机械股份有限公司

SONGZI JINJIN MINING MACHINERY CO., LTD

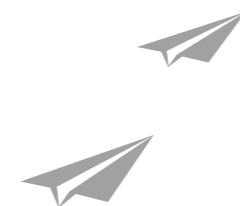
(原湖北省松滋矿山机械厂)

(THE FORMER HUBEI SONGZI MINING MACHINERY FACTORY)

本资料因产品改进或印刷错误而不另行通知
Any product improvement or printing error is subject to change without prior notice.



用心造品牌 用心赢未来
 GREAT BRAND BY HERAT WIN FUTURE BY HEART



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Dream
 给梦想一个机会

在金津，无论管理者，
 In Jinjin, whether manager

还是生产工人，
 Or worker

无不倾心尽力：
 Exert all his energies.

凭质量生存，图顾客满意；
 To meet your satisfaction by our quality.

靠科技发展，创精品名牌！
 To creat our famous brand by technology.

COMPANY 企业简介 INTRODUCTION

松滋市金津矿山机械股份有限公司（原湖北省松滋矿山机械厂）始建于1955年，上世纪七十年代被原国家机械工业部划定为中南地区专业生产破碎机械和筛分机械的定点厂家，产品一直为部优产品、湖北省名牌产品。

公司已通过ISO9001:2015质量管理体系认证；ISO14001:2015环境管理体系认证；ISO 45001:2018职业健康安全管理体系认证。

金津矿机于2005年由湖北松滋矿山机械厂改制成为民营企业至今，延续“菱角”商标。现有生产车间28000平方米，各种加工设备150多台/套，技术力量雄厚，具备近五十余年专业破碎、筛分、洗选设备生产线的设计、制造、安装

能力与经验。企业目前为中国重型机械工业协会破磨分会理事企业，洗选分会会员企业，中国砂石协会会员企业。

公司主要生产经营各类矿山破碎、粉磨、给料、输送、筛分、洗选机械和铸件等，并承接产量为30—5000吨/小时物料破碎筛分成套设备的设计、制造与安装及EPC项目。公司产品技术领先，质量过硬，其主导产品颚式破碎机、圆锥破碎机、硬岩反击式破碎机、立轴式破碎机、圆振动筛、ZGMn13高锰钢铸件曾分别荣获省优、部优奖。公司产品实行直销、中间代理、经贸出口等灵活的营销手段，畅销全国二十多个省、市、自治区，并批量出口到世界各地。

Songzi jinjin Mining Machinery Co.,Ltd.(The former Songzi Mining MachineryFactory) was founded in 1955.in the 1970s, it was designated by the former Ministry of mechanical industry as a fixed-point manufacturer specializing in crushing and screening machinery in central and southern China.

The company has passed ISO9001:2015 quality management system certification;ISO14001:2015environmentalmanagement system certificate; ISO 45001:2018 occupational health and safety management system certification.

Jinjin mining machinery was transformed from a mining machinery factory in Songzi,Hubei Province, into a private enterprise in 2005.The existing productionworkshop 28000 square meters,more than 150sets of various processingequipment,strong technical force,with nearly 50 years of professional crushing, screening, washing equipment production line design,manufacturing,installation capacity and experience.At present,the company is a board member of China HeavyMachineryIndustry Association and a member of China Sand&Stone Association.

The company mainly produces and operates various kinds of mining crushing, grinding, feeding, conveying, screening, washing machinery and casting parts, and undertake the output of 30-5000 tons/hour crushing and screening complete sets of equipment design, manufacture and installation. Our leading products are jaw crusher, cone crusher, impact crusher, vertical shaft impact crusher, round vibrating screen, ZGMn13 high manganese steel castings have won provincial and ministry awards respectively. Our products are sold to more than 20 provinces, cities and autonomous regions all over the country and exported to countries all over the world.



给料破碎筛分洗砂等 一站式解决方案

金津矿机从项目需求对接到项目实施以及售后服务，拥有一套完善的流程，提供标准化设计、标准化工艺、标准化实施，帮助每一位客户构建更高效更具竞争力的给料破碎筛分洗砂方案。



企业历史

Company History



1987年，湖北省松滋矿山机械厂
入选《中国重型机械企业名录》

In 1987, Hubei Songzi Mining Machinery
was selected in 《China heavy machinery
enterprise directory》



湖北省松滋矿山机械厂
SONGZI MINING MACHINERY FACTORY, HUBEI

湖北松滋矿山机械厂是湖北省机械工业系统，是全省机械行业唯一的中外合资企业。工厂占地面积1000亩，职工总数1000人，其中工程技术人员150人。

该厂建于1958年，具有30多年的历史。经过几十年的建设和发展，已成为湖北省机械行业唯一的中外合资企业。工厂占地面积1000亩，职工总数1000人，其中工程技术人员150人。

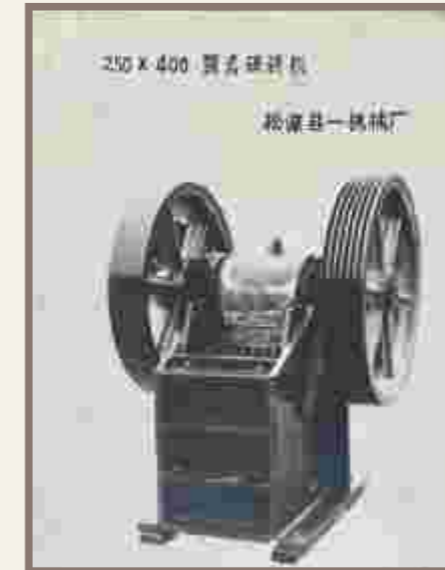
主要设备：
 ● 球磨机
 ● 破碎机
 ● 磨粉机
 ● 输送机
 ● 振动筛
 ● 榨油机
 ● 碾米机
 ● 榨糖机
 ● 榨油机
 ● 碾米机
 ● 榨糖机

Registered trademark of products:
 LING JIAO Brand
 Main products:
 ● Ball mill
 ● Crusher
 ● Grinding mill
 ● Conveyer
 ● Vibrating screen
 ● Oil press
 ● Rice mill
 ● Sugar mill

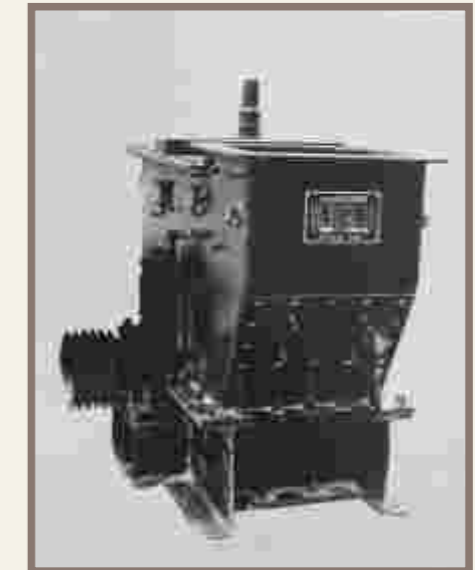
Address: ChengdeWu-Tongzi Street, Hubei, 434200, China
 Tel: 0716-3391111 Fax: 0716-3391112
 E-mail: lingjiao@163.com

五十余年 专注破碎 品质有口皆碑

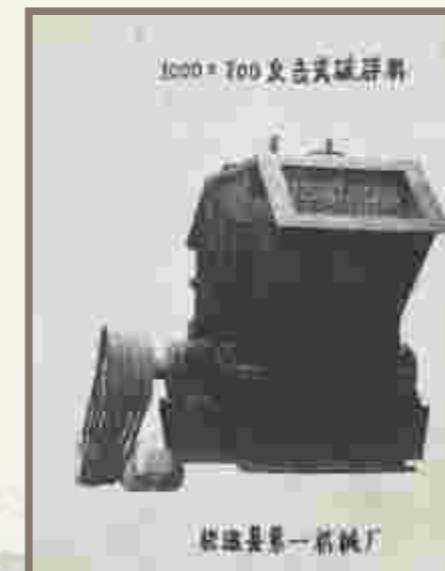
More than 50 years professional
experience in crushing



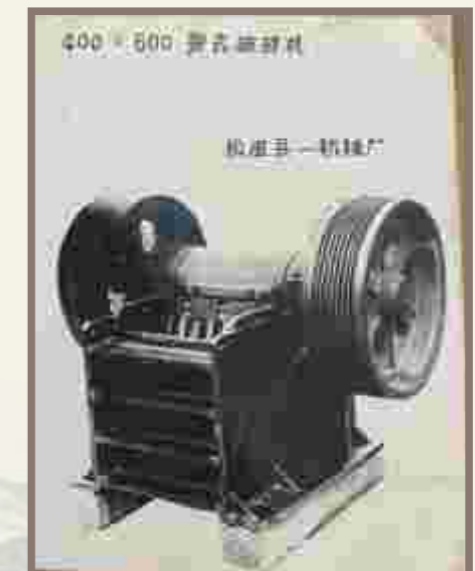
1977年工厂开始生产
250 X 400 颚式破碎机



1975年工厂生产 100 X 400
颚式破碎机 第一台机械地
产重机



1975年工厂生产 1000 X 700
反击式破碎机 第一台机械地
产重机



1975年工厂生产 400 X 600
颚式破碎机 第一台机械地
产重机

企业荣誉 Honor



企业文化

Corporate Culture

企业宗旨：

更专业、更卓越、铸民族品牌。

质量方针：

凭一质量生存、图一顾客满意、靠一科技发展、创一精品名牌。

经营理念：

以人为本，凭质量生存；开拓创新，靠科技发展。

服务理念：

诚信至上，让顾客更满意是我们不懈的追求！

Purpose: more professional, more remarkable, casting national brand.

Quality: survive with quality, customer satisfaction, technology development, first-class brand.

Business idea: people-oriented, with the quality of life; innovation, technological development.

Service idea: Honesty Consummate; customer satisfaction is our unremitting pursuit!



- | | |
|----|---|
| 09 | ZSW 直线振动给料机系列
ZSW Linear Vibrating Feeder Series |
| 10 | GZG 惯性振动给料机系列 重型座式
GZG Inertial Vibrating Feeder Series Heavy seat type |
| 11 | GZG 惯性振动给料机系列 轻型吊式/座式
GZG Inertial Vibrating Feeder Series Light lifting type/seat type |



ZSW直线振动给料机系列

ZSW Linear Vibrating Feeder Series

产品优势和特点 Advantages and Features

ZSW系列振动给料机主要用于粗碎破碎机前连续、均匀给料，同时可筛分细料。

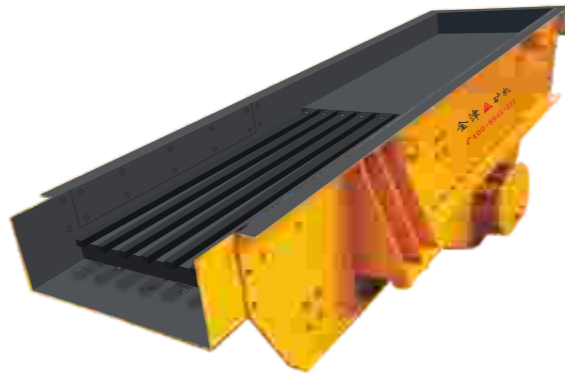
ZSW Series Vibrating Feeder is mainly used to feed material into the primary crusher evenly and continuously. Meanwhile, it can screen the fine material.

特点及优势

- 振动平稳
- 特殊栅条设计，可防止物料堵塞
- 栅条间隙可调
- 可选变频调速电机，便于控制给料量，无需频繁启动电机。

Features and Benefits:

- Smooth Vibrating
- The special grid prevent the block of raw material
- The distance between grizzly gap is adjustable
- Frequency conversion motor can be equipped to feeding capacity control, and frequent startup of motor is avoided.



主要技术参数 Main technical Specification

型号 Model	料槽尺寸 Feeder Size L×W (mm)	最大进料粒度 Max. feed size (mm)	给料能力 Capacity (t/h)	功率 Motor Power (kW)
ZSW-380X96	3800X960	500	100-180	11
ZSW-490X110	4900X1100	580	200-350	15
ZSW-600X130	6000X1300	800	300-600	30
ZSW-600X150	6000X1500	850	510-800	37
ZSW-600X180	6000X1800	1000	700-1000	45
ZSW-700X200	7000X2000	1200	1000-1500	55

GZG惯性振动给料机系列 重型座式

GZG Inertial Vibrating Feeder Series Heavy seat type

产品优势和特点 Advantages and Features

适用于原矿大粒径混合物料均匀给料，是粗碎破碎机必不可少的配套设备。

结构简单紧凑，无复杂传动部分，维护方便，坚固耐用，工作面长宽合理，栅格条具有除泥、除杂功能，给料能力可以任意调节。

机型为低矮型，与粗破组成机组时大幅降低了整体高度，因而减少了土建工作量，使系统布置更趋经济、合理。

Applicable to feed the large mixture material evenly, necessary to be equipped with rough crusher.

Linear feeder with stable vibration, convenient maintenance, durable, and without complex conveying part.

Grids have function of desilting and removing the impurity, feeding ability is also adjustable. Linear feeder with stable vibration, convenient maintenance, durable, and without complex conveying part.

Grids have function of desilting and removing the impurity, feeding ability is also adjustable. Linear feeder with stable vibration, convenient maintenance, durable, and without complex conveying part.



给料机本体部分
Body part of feeder



含导料槽、平钢座
With feeding chute,
flat steel seat

主要技术参数 Main technical Specification

型号 Model	最大进料粒度 Max. Feed size (mm)	有效工作面积 Effective work area (mm)	栅条设置间隙 Set gap size (mm)	给料能力 Capacity (t/h)	电动机功率 Motor Power (kW)	振动频率 Vibrating frequency (Hz)
GZG-0830	340	800 × 3000	0-120	0-80	2.4 × 2	16.1
GZG-0937	425	900 × 3700	0-120	0-150	3.2 × 2	16.1
GZG-1037	500	1000 × 3700	0-120	0-200	3.2 × 2	16.1
GZG-1242	630	1250 × 4200	0-120	0-300	5.5 × 2	16.3
GZG-1450	800	1400 × 5000	0-165	0-500	7.5 × 2	16.3

GZG惯性振动给料机系列 轻型吊式/座式

GZG Inertial Vibrating Feeder Series Light lifting type/seat type

产品优势和特点 Advantages and Features

适用于中小粒径混合物料均匀给料，一般用于中间料场，是二级破碎、三级破碎最理想的配套设备。

直线振动给料，无复杂传动部分，维护方便，坚固耐用。

结构轻巧，安装方便。

Applicable to feed the large mixture material equably, used for intermediate materials field matching equipment with the second crusher and the third crusher.

Linear feeder with stable vibration, convenient maintenance, durable, and without complex conveying part.

The structure is light, convenient to install.



主要技术参数 Main technical Specification

型号 Model	给料槽尺寸 宽×长 Grid dimension W×L (mm)	最大给料 尺寸 Max. Feed size (mm)	给料能力 Capacity (t/h)	电机功率 Motor Power (kW)	振动频率 Vibrating frequency (Hz)	振幅 Amplitude (mm)
GZG0510 (吊式) (Lift type)	500 × 1000	80	60-80	0.3 × 2	24.2	3-5
GZG0615 (吊式) (Lift type)	600 × 1500	80	100-150	0.6 × 2	24.2	3-5
GZG0720 (座式) (Seat type)	750 × 2000	150	120-170	1.52 × 2	16.1	4-6
GZG1025 (座式) (Seat type) seat type	1000 × 2500	200	270-380	2.4 × 2	16.1	4-6
GZG1325 (座式) (Seat type) seat type	1300 × 2500	300	450-650	3.2 × 2	16.1	4-6
GZG1525 (座式) (Seat type) seat type	1500 × 2500	350	700-1000	3.7 × 2	16.1	4-6
GZG1825 (座式) (Seat type) seat type	1800 × 2500	350	950-1300	5.5 × 2	16.1	6-8

破碎篇 Crushing section



- | | | | |
|----|---|----|---|
| 13 | PE/PEX复摆颚式破碎机系列
PE/PEX Jaw Crusher Series | 33 | SHP多缸液压圆锥破碎机系列
SHP Series Multi-cylinder Hydraulic Cone Crusher Series |
| 15 | CJ颚式破碎机系列
CJ Series High efficiency Jaw Crusher | 38 | 2PG辊式破碎机系列
2PG Roll Crusher Series |
| 17 | PFY反击式破碎机系列
PFY Hard Rock Crusher Series | 39 | VB立轴冲击式制砂机系列
VB Vertical Shaft Impact Sand Crusher Series |
| 19 | PFH反击式破碎机系列
PFH Impact Crusher Series | 43 | PC/PCD锤式破碎机系列
PC/PCD Hammer Crusher Series |
| 21 | SZC复合圆锥破碎机系列
SZC Compound Cone Crusher Series | 45 | CX冲击式细碎破碎机系列
CX Impact Crusher Series |
| 25 | SCH/SCS单缸液压圆锥破碎机系列
SCH/SCS Single Cylinder Hydraulic Cone Crusher Series | 47 | CG多辊制砂机系列
CG Multi-Roll Crusher Series |
| 31 | MHC多缸液压圆锥破碎机系列
MHC Multi-cylinder Hydraulic Cone Crusher Series | 49 | PGH高压辊磨机系列
PGH High Pressure Grinding Roll Series |

PE/PEX复摆颞式破碎机系列

PE / PEX Jaw Crusher Series

产品优势和特点 Advantages and Features

本系列产品用于抗压强度 ≤ 250 Mpa物料的粗碎，具有破碎比大、出料粒度均匀、结构简单、工作可靠、维修方便等特点，广泛适用于冶金、矿山、交通、建材、化工、水利水电等行业。本公司独特调整机构设计，采用机架左右两侧螺杆推动，省掉了原调整部件的常年消耗。

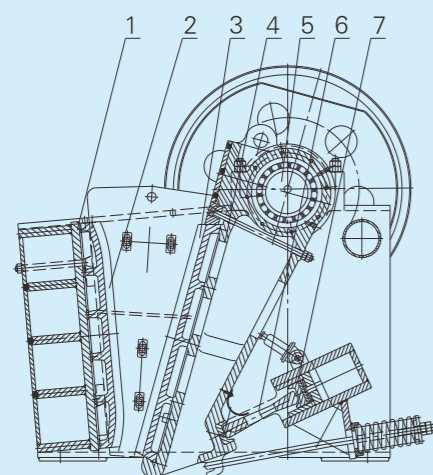
Rough crushing and fine crushing are suitable for raw material with compressive strength less than 250 Mpa large broken rate, uniform product size, simple structure, reliable operation, steady function, and easy maintenance.



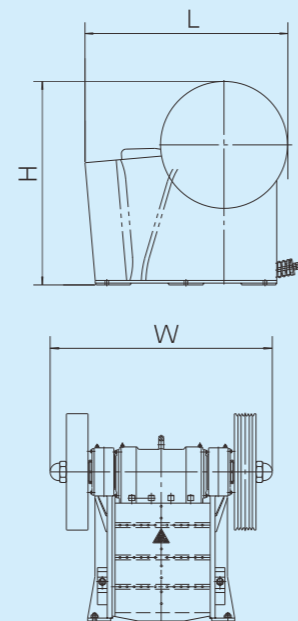
主要技术参数 Main technical Specification

型号 Model	进料口 尺寸 Feed opening size (mm)	最大进 料粒度 Max. Feed size (mm)	排料口 调整范围 Range Of Discharge Opening (mm)	电动机 功率 Motor Power (kW)	重量 (t)	处理能力 Capacity (t/h)	外形尺寸 (长×宽×高) Overall Dimension L X W X H (mm)
PE-250×400	250×400	210	20-60	15	2.1	5-16	900×1087×1352
PE-400×600	400×600	340	30-90	30	6.1	20-50	1766×1743×1655
PE-500×750	500×750	425	50-120	55	9.0	45-120	1940×2100×1952
PE-600×900	600×900	510	75-180	75	14.5	80-200	2788×2430×2278
PE-750×1060	750×1060	640	100-200	90	27.3	120-300	3160×2500×2800
PE-800×1060	800×1060	680	120-220	90	29.5	150-350	3210×2500×2800
PE-900×1200	900×1200	750	140-260	132	45	240-480	3700×3284×3350
PE-1000×1250	1000×1250	850	150-280	132	47	260-580	3850×3295×3350
PE-1200×1500	1200×1500	960	160-280	220	85	400-850	4590×3342×3552
PE-1300×1600	1300×1600	1000	150-300	450	102	1100-1400	4150×4123×4458
PE-1500×1800	1500×1800	1200	200-350	630	132	1300-1800	5250×3986×4455
PEX-150×750	150×750	120	18-48	15	2.3	5-15	1260×1390×4450
PEX-320×760	320×760	270	25-50	37	7.1	16-40	1440×1920×1652
PEX-250×1000	250×1000	210	25-60	37	6.5	16-48	1530×1992×1380
PEX-250×1200	250×1200	210	25-60	45	7.6	20-60	1750×2250×1352
PEX-300×1300	300×1300	250	30-90	55	11.5	40-96	1800×2310×1680

结构图 structural drawing



- 1. 机架/Frame body
- 2. 固定颞板/Fixed jaw plate
- 3. 活动颞板/Movable jaw plate
- 4. 动颞/Movable jaw
- 5. 偏心轴/Eccentric shaft
- 6. 肘板/Toggle plate
- 7. 调整座/Adjust seat



CJ颞式破碎机系列

CJ High Efficiency Jaw Crusher Series

产品优势和特点 Advantages and Features

高效率

通过对动颞总成的运动轨迹和破碎腔腔型的进一步优化、合理的惯性矩设计，使有效破碎冲程更大，从而提高破碎效率，是传统颞式破碎机的理想升级替代产品。

高可靠性

选用优质的材料和先进的制造工艺，在更合理的结构设计前提下，选用高性能的材料，使得破碎机运行更可靠，故障率更低，使用寿命更长。

调整更简便

双楔块调整装置可以在短时间内完成对排矿口大小的调整，无需再去处理费时费力的垫片。

生命周期更长

可拆装式机架取代以往一体化焊接机架，前墙、后墙、侧板可分离式设计，确保机器主要部件疲劳损坏后还能通过更换部件使机器重新换回活力。

便于安装和运输

可拆装式机架和一体化电机座设计的优势在于能够在运输空间受限的情况下，通过拆解运输来实现更特殊的工作环境。

Through the optimization of the moving track of the movable jaw assembly and the design of the rational inertia moment of the crushing cavity, the effective crushing stroke is larger, thus the crushing efficiency is improved, is the traditional jaw crusher ideal upgrade alternative products.

High reliability, select high-quality materials and advanced manufacturing technology, under the premise of more reasonable structure design, select high-performance materials, make crusher more reliable operation, lower failure rate, longer service life. Adjustment is more convenient, double wedge adjustment device can be completed in a short time to adjust the size of ore discharge mouth, no need to deal with time-consuming and laborious gasket.

Longer Life Cycle, detachable frame to replace the previous integration of welding frame, front wall, back wall, side plate can be separated design, to ensure that the main components of the machine after fatigue damage can be replaced parts to re-vitality.

Easy to install and transport, the detachable frame and integrated motor base design advantage is that the transport space is limited, through the dismantling of transport to achieve a more special working environment.



性能参数

Specifications

		CJ96	CJ106	CJ100	CJ125	CJ140	CJ160	CJ200
给料口尺寸mm Feed Opening Size		930 × 580	1060 × 700	1000 × 760	1250 × 950	1400 × 1070	1600 × 1200	2000 × 1500
排料口尺寸mm Range of Discharge Opening		60-175	70-200	70-200	100-250	125-250	150-300	175-300
处理能力t/h Capacity		120-455	155-580	150-545	290-845	385-945	520-1275	760-1590
电机功率 kW Motor Power		90	110	110	160	200	250	400
产品尺寸 Product size mm	紧边排料口 Min discharge size mm	吨/小时 t/h	吨/小时 t/h	吨/小时 t/h	吨/小时 t/h	吨/小时 t/h	吨/小时 t/h	吨/小时 t/h
0-30	20							
0-35	25							
0-45	30							
0-60	40							
0-75	50							
0-90	60	120-155						
0-105	70	140-180	155-200	150-240				
0-120	80	160-210	175-230	170-225				
0-135	90	180-235	200-260	190-245				
0-150	100	200-260	220-290	215-280	290-380			
0-185	125	250-325	280-365	265-345	350-455	385-500		
0-225	150	300-390	335-435	315-410	410-535	455-590	520-575	
0-260	175	350-455	390-510	370-480	470-610	520-675	595-775	760-990
0-300	200		445-580	420-545	530-690	590-765	675-880	855-1110
0-340	225				590-770	655-850	750-975	945-1230
0-375	250				650-845	725-945	825-1070	1040-1350
0-410	275						900-1170	1130-1470
0-450	300						980-1275	1225-1590

PFY反击式破碎机系列

PFY Hard Rock Crusher Series

产品优势和特点 Advantages and Features

本系列产品适合破碎中等硬度以下的矿石，具有处理量大，破碎比大等特点，破碎后的产品形状呈立方体形，针片状含量低。广泛适用于高速公路、高速铁路、水利水电、建材等需要优质骨料的场合。通常配置在粗碎或细碎破碎机后，作为物料的二级或三级终端破碎。

Large processing capacity, large broken rate, crushed material with the cubic shape, low content of the needle plate.

Widely used in highway, railway, water utilities, airports, sea ports, construction and other fields which need high-quality aggregate.

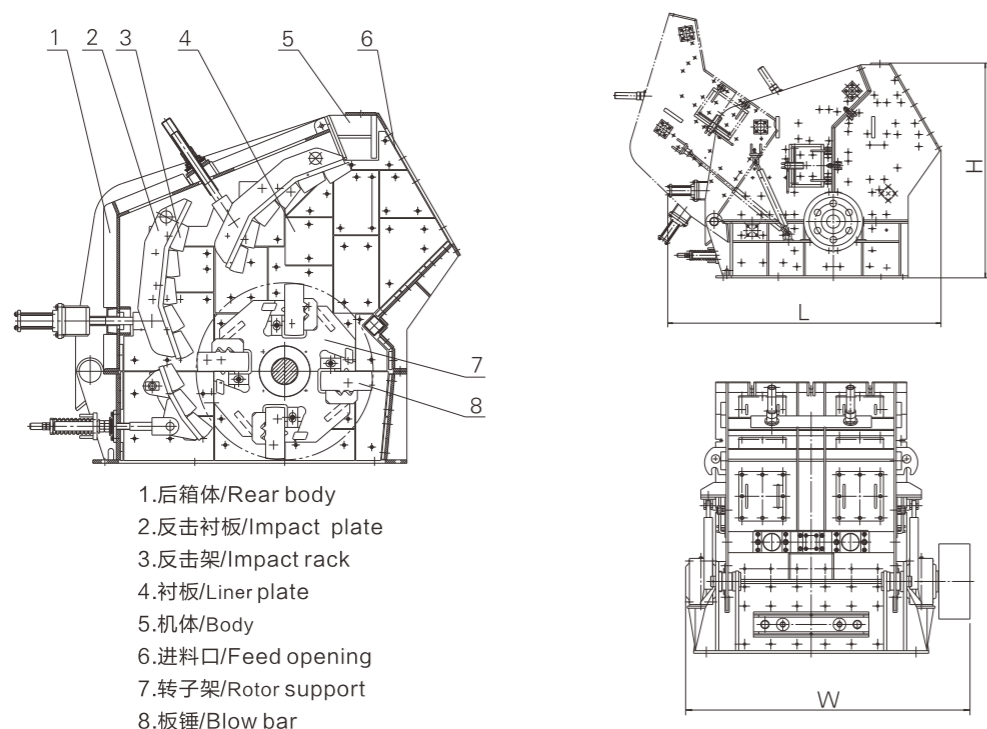
Equipped with rough crusher and fine crusher for secondly and thirdly material crushing.



主要技术参数 Main technical Specification

型号 Model	转子规格 直径×长度 Rotor size D×W (mm)	进料口尺寸 Feed opening (L×W) (mm)	最大进料边长 Max. Feed size (mm)	处理能力 Capacity (t/h)	电动机 功率 Motor Power (kw)	重量 Weight (t)	外形尺寸(长×宽×高) Overall Dimension (L×W×H) (mm)
PFY-1008	Φ 1050 × 800	820 × 440	200	30-60	45	8.5	2400 × 1850 × 1800
PFY-1210	Φ 1250 × 1000	1080 × 400	300	60-120	110	14.8	2690 × 2049 × 2700
PFY-1214	Φ 1250 × 1400	1430 × 400	300	100-180	132	16.6	2690 × 2408 × 2700
PFY-1315	Φ 1320 × 1500	1530 × 800	300	120-260	200	21.5	3325 × 2720 × 2620
PFY-1515	Φ 1520 × 1500	1580 × 750	350	220-250	280	32	3637 × 2842 × 3320
PFY-1518	Φ 1520 × 1870	1970 × 750	350	250-350	315	35.5	3637 × 3212 × 3320
PFY-1620	Φ 1620 × 2000	2050 × 836	450	400-550	250 × 2	39.5	3576 × 3584 × 3265
PFY-1824	Φ 1810 × 2400	2430 × 1790	600	600-750	800	67	4359 × 4778 × 4215
PFY-2023	Φ 2000 × 2300	2310 × 1986	1300	1100-1800	630 × 2	75	4890 × 4380 × 4765

结构图 Structural drawing



注：处理能力以普通石灰石（≤120MPa）为标准，石料抗压强度与出料粒度发生变化，则处理能力相应发生变化。

Note: The Processing Ability : Ordinary limestone (≤ 120MPa) as the standard, Processing ability is determined by compressive strength of rock materials and discharging particles.

PFH反击式破碎机系列

PFH Impact Crusher Series

产品优势和特点 Advantages and Features

◆ 在传统反击式破碎机基础上经重大改进的新型破碎机，本机可破碎矿山、建筑、化工、电力、冶金等行业的物料，如炼焦用煤、石膏、石灰石等。

◆ 破碎抗压强度不超过250兆帕，表面水分不大于8%的矿山或粘性物料。

◆ 45度进料斜道，低能耗，高产能。

A new crusher that has been greatly improved on the basis of the traditional impact crusher. This crusher can crush materials in mining, construction, chemical, electric power, metallurgy and other industries, such as coking coal, gypsum, limestone, etc.

Mine or cohesive materials with crushing compressive strength not exceeding 250 MPa and surface moisture not exceeding 8%.

45 degrees feed ramp, low energy consumption, high production.

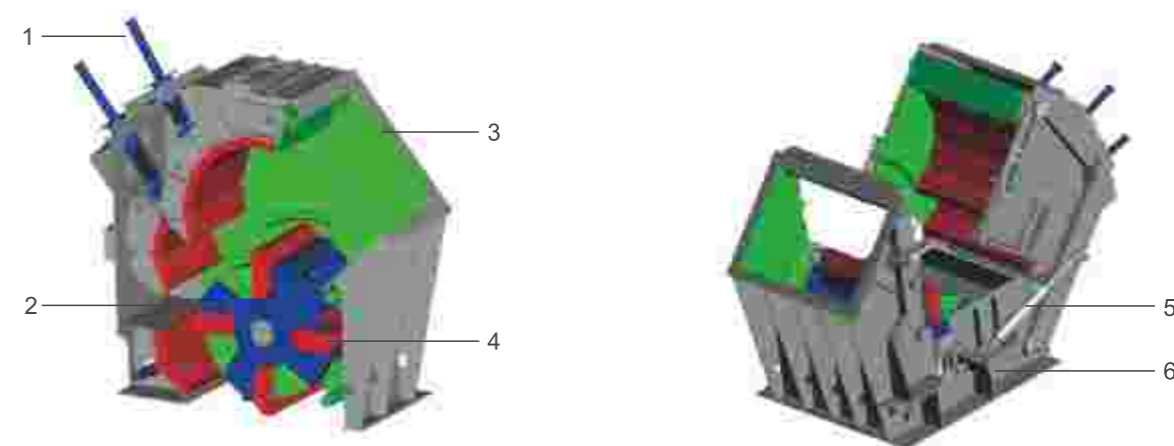


主要技术参数 Main technical Specification

型号 Model	转子直径 Rotor Diameter (mm)	转子宽度 Rotor width (mm)	进料口尺寸 Feed size (mm)	电机功率(kw) Motor power	重量(t) Weighth	外形尺寸(长×宽×高) Outer size(L×W×H) (mm)
PFH133115	1330	1143	1065×1160	160	16.0	3070×2660×2922
PFH133152	1330	1524	1065×1540	220	19.5	3070×3026×2922
PFH133184	1330	1848	1065×1844	220	22.0	3080×3130×2940

型号 Model	闭边排料口 (mm) 的产量 (t/h) Capacity of close discharge opening					
	76	63	51	38	25	19
PFH133115	261	230	211	184	155	116
PFH133152	422	382	344	303	254	193
PFH133184	548	496	448	394	330	250

结构图 Construct drawing



- 1、液压清除装置（清除尺寸过大之石料）
- 2、转子（具有坚固，强硬的轴，可更换的打击子固定座）
- 3、进料口（具有45度的进料斜道，附有可更换的衬板，可以液压装置开启）
- 4、冲突衬板（所有的衬板皆是可互换的）
- 5、液压开启装置（可迅速的更换磨损的部件）
- 6、正向转子锁紧装置（确保更换转子人员的安全性）

1. Hydraulic Clearance (removal of oversized stone)
2. Rotor (with strong, hard-facing shaft, replaceable hammer holder)
3. Feed inlet (with 45 degree feed chute, with replaceable liner, which can be hydraulically opened)
4. Conflict Liner (all liners are interchangeable)
5. Hydraulic opening (rapid replacement of worn components)
6. Forward Rotor locking (to ensure the safety of personnel replacing the rotor)



SZC复合圆锥破碎机系列

SZC Compound Cone Crusher Series

产品简介

Performance Introduction

SZC复合圆锥破碎机是引进国外先进技术研制生产的高能圆锥破碎机，性能稳定，独特的液压清腔、液压调整排料口功能，动定齿板更换无需填料，极大地方便了用户，降低了设备管理及维护成本，目前已广泛应用于花岗岩、玄武岩、辉绿岩、卵石、铁矿石等硬质岩石的中细碎作业。

SZC compound cone crusher is the high energy cone crusher which adopts the foreign advanced technology. The performance is stable. Unique hydraulic cavity, hydraulic adjustment function of discharging mouth and the change of concave plate without packing are convenient for the customer to reduce the management of the equipment and the cost of maintenance. At present, it is widely used in the finely crush of granite, basalt, diabase, silica, pebbles, iron ore and other hard rock.



产品优势及特点

Advantages and Features

结构简单，性能稳定，易于检修维护

秉承国外先进设计理念，简单的结构大大降低了设备故障发生概率，运转平稳，性能稳定。同时，也便于检修维护，大大降低维护成本。

机架刚度强，坚固耐用

高能高效，粒型完美

先进的破碎腔型设计，增加了有效破碎面，加之主轴摆动频率大幅提高。饱和给料使得成品粒度更细，粒型均匀、呈立方体。粗碎、中碎、细碎、超细碎多种腔型，全方位满足客户各式需求。

先进的层压破碎原理，磨损小，寿命长

采用国外先进的物料层压破碎原理，易损件损耗低，且各易损耗部位采用锰钢件保护，大幅降低易损件成本，整机使用寿命超长。

弹簧锁紧及过铁释放保护

采用弹簧锁紧装置保证设备破碎力稳定，并提供过铁释放保护，相较于液压锁紧保护，弹簧式更稳定且易于检修维护。

液压清腔、液压调整排料口

采用液压清腔快速移除破碎腔内集料及不易破碎物，液压调整排料口方便快捷、调整准确，极大地便利了用户，大幅缩短维护时间，降低设备管理及维护成本。

迷宫式防尘圈密封，保证润滑油清洁

迷宫式防尘圈密封，有效防止粉尘侵入，保证润滑油清洁，无需水及黄油密封，核心运动总成工作可靠，寿命长久。

动定齿板精加工，无需填料，即换即用

动定齿板安装面经过精加工，更换时无需填充粘合剂(环氧树脂)及对主轴表面清理的复杂工作，即换即用，简单迅速。

回油及温度保护装置，全方位保护主机不被损坏

润滑系统设有回油及温度保护装置，并与主电机连锁，从而保护主机不被损坏。

Simple structure, stable performance, easy to maintain

It adopts the sense of advanced foreign design and the simple structure lowers the possibility of the equipment failure. The operation is stable and the performance is reliable. At the same time, it is convenient for repair and maintenance. It lowers the cost of maintenance greatly.

High efficient, perfect shape

The superior design of cavity in SZC compound crusher increases the side of crushing. The spindle swing frequently. The output is above the same equipment. To feed in full cavity make the output more fine and more even. Coarse crushing, crusher, finely, super finely crushing and various cavity type can meet all kinds of needs.

Advanced principle of laminating crushing, small wear, long service life

It adopts the foreign advanced principle of laminating crushing make the wear parts low loss. The wear parts are protected by Manganese steel pieces which reduce the cost of wearing parts greatly. The whole machine has a long working life.

Spring lock and iron release protection, more stable

It adopts the equipment of spring lock make sure that the crushing is stable. It provides the protection of iron release. Compared with the protection of hydraulic release, the spring type is more stable and convenient for repairing and maintenance.

Hydraulic pressure, hydraulic pressure adjust the discharging mouth cavity

It adopts the hydraulic to get rid of broken cavity sets. The hydraulic adjusts the discharge. It is convenient and fast. It adjusts accurately and is convenient for customers to reduce the time of maintenance. It reduces management of equipment and the costs of maintenance.

Labyrinth dustproof ring seal, guarantee the clean lubricating oil

The seal of labyrinth dustproof ring can prevent the dust to come in and guarantee the lubricating oil clean. It seals without water and butter. The core work is reliable. The working life is long.

Movable and fixed tooth plates finish without feeding. Anytime you change, you can use.

After finishing installation, the movable and fixed tooth plate of SZC compound cone crusher don't need glue (EP) and complex work of cleaning the surface of spindle when change. Anytime you change, you can use. It is convenient and fast!

Oil and temperature protection device, all-round protection protect the host from damaging

The lubrication system of SZC compound cone crusher has the oil and temperature protection installation. It connects with the main motor, so it can protect the main machine from destroying.



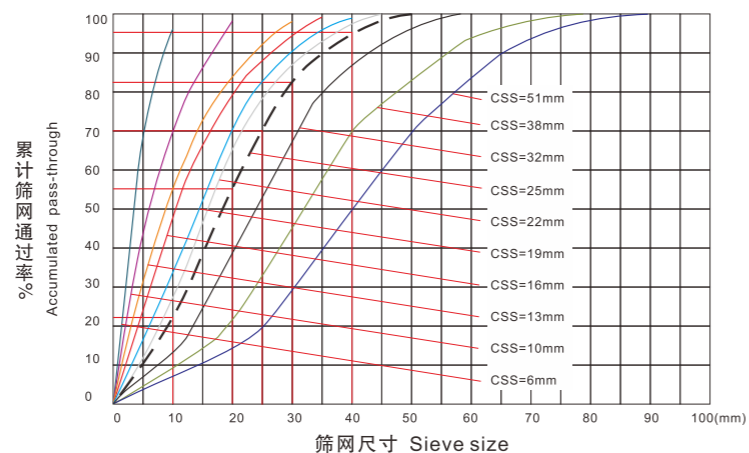
主要技术参数 Main technical Specification

型号 Model	腔型 Cavity Type	最大给料尺寸 Max.feed opening (mm)	最小排料口尺寸 Min.discharge opening (mm)	电机功率 Motor Power (kW)	破碎产量 Capacity (t/h)											重量 Weight (kg)		
					闭边排料口 Close discharge opening size (mm)													
					6	10	13	16	19	22	25	38	51	64				
SZC600	C	95	10	37~45	20	25	30	35	45	50	76					5300		
	M	72	6	37~45	18	20	25	30	35	40	45	60					5300	
SZC1000	C	160	13	90~110					80	100	135	150	175	235			10800	
	M	115	10	90~110					65	75	90	120	135	150			10800	
	F	80	8	90~110	52	62	72	78	115						10510			
SZC1160	EF	50	6	90~110	50	55	65	70	102						10510			
	C	180	13	110~132					115	135	150	180	200	260			15500	
	M	130	10	110~132					100	110	120	135	165	175			15500	
SZC1300	F	90	10	110~132					80	105	110	140					15500	
	EF	60	6	110~132	60	74	105	110	130						15500			
	C	200	16	132~160					150	180	200	230	310	390			22300	
SZC1380	M	150	13	132~160					115	140	160	190	210			22300		
	F	102	10	132~160					90	115	145	160					22300	
	EF	70	8	132~160					88	110	135	155					22300	
SZC1500	C	215	19	185~220					200	220	260	350	440			26300		
	M	160	16	185~220					155	180	200	220					26300	
	F	115	13	185~220					150	190	210	230					26300	
SZC1680	EF	76	8	185~220	122	148	185	200						26300				
	C	235	22	185~220					265	310	420	525	580			37750		
	M	175	19	185~220					215	240	265	320					37750	
SZC1800	F	130	13	185~220					180	210	235	255	275					37750
	EF	90	10	185~220	148	178	200	220						37750				
	C	267	22	250~300					330	390	525	655	725			44300		
SZC2000	M	203	16	250~300					230	270	300	330					44300	
	F	140	13	250~300					185	225	265	340					44300	
	EF	95	10	250~300	180	220	260	335						44300				

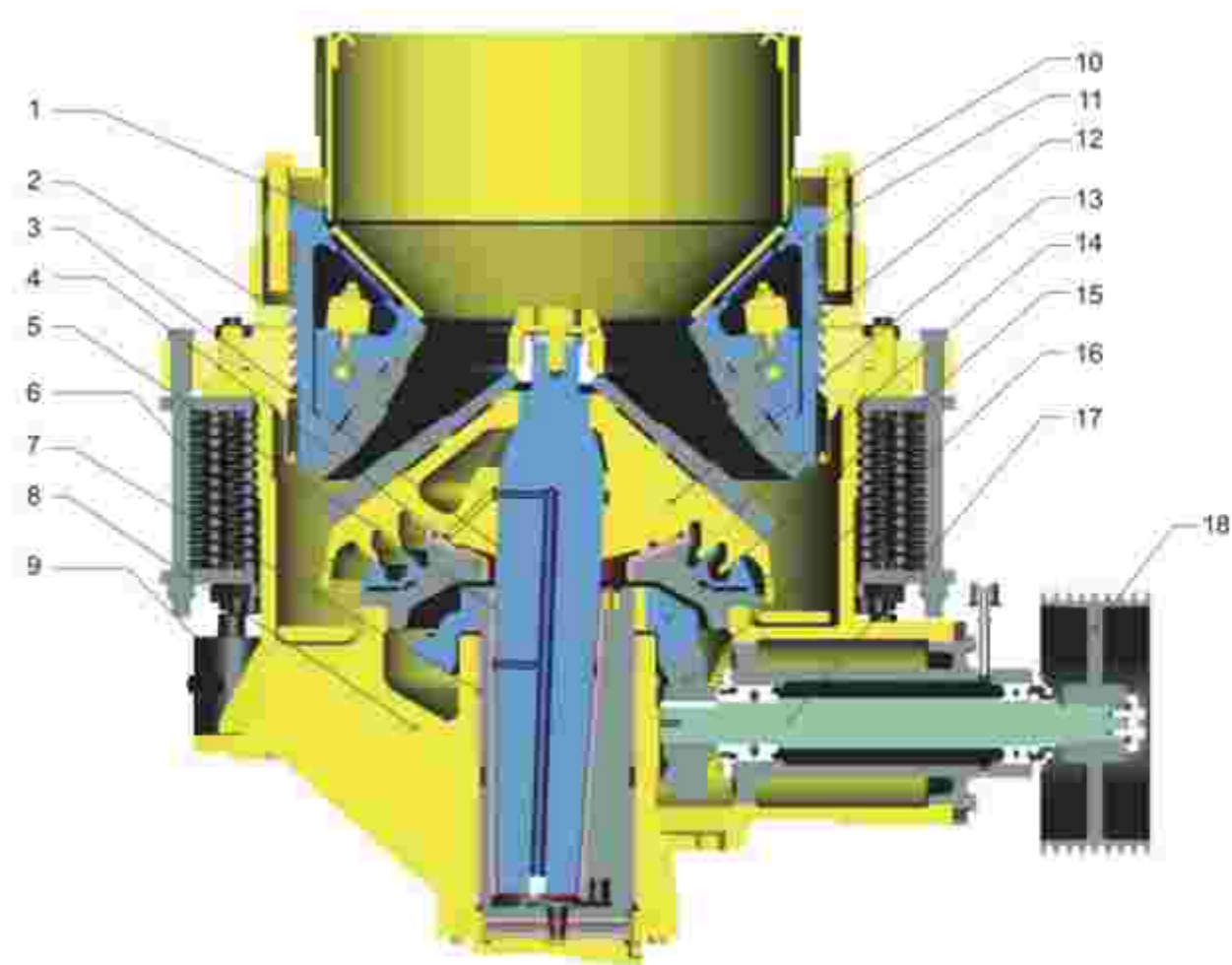
注：C=粗碎腔型；M=中碎腔型；F=细碎腔型；EF=超细碎腔型。产量和最小排料口数据是以堆积比为1.6吨/立方米的物料为基础，由于给料、粒级、岩石类型和物料含水量的不同，实际结果会有所变动。

Note: C = cavity profile of rough crushing; M = cavity profile of intermediate crushing; F = cavity profile of fine crushing; EF = cavity profile of super fine crushing. Production and minimum outlet data is on the basis of material with density as 1.6 tonnes / cubic meter. There is tolerance due to different feeding material, fraction and rock types.

粒度曲线 Size Curve



主要部件 Specifications



结构名称 Specifications 易损件 Wearing parts

- | | | |
|------------------------------------|-----------------------------|--|
| 1. 进料斗: Feeder hopper | 10. 分料盘: Distribute plate, | 分料盘: Distribute plate
分料盘螺栓: The bolt of distribute plate
切割环: Cutting ring
锁紧螺帽: Block nut
U型螺栓: U-bolts
定齿板: Concave
动齿板: Mantle
防尘圈: Dust ring |
| 2. 帽架: Hat rack | 11. 上室: Top cell. | |
| 3. 主轴: Main shaft | 12. 定齿板: Concave, | |
| 4. 球面铜: Spherical liner, | 13. 锥体蕊: Mantle core , | |
| 5. 内铜: Eccentric bush | 14. 动齿板: Mantle, | |
| 6. 释放弹簧: Release spring | 15. 大锥齿轮: Ring gear, | |
| 7. 外铜: Frame bush | 16. 小锥齿轮: Pinion gear | |
| 8. 机架: Main frame, | 17. 传动轴: Transmission shaft | |
| 9. 清腔油缸: Cavity-clean oil cylinder | 18. 主机带轮: Main pulley. | |

SCS/SCH单缸液压圆锥破碎机系列

SCS/SCH Single Cylinder Hydraulic Cone Crusher Series

产品简介

Main Features

单缸圆锥破碎机设计先进、结构紧凑、破碎能力强、破碎比大、且产品粒形好。紧边排矿口（CSS）通过液压调整，用户可以选择自动控制、多种不同的破碎腔型及其它许多高性能特性。每种型号都可适应用户的多种需求、易于使用维护、效率高。

单缸系列圆锥破碎机有非常广泛的应用，通过选择合适的破碎腔型及偏心距，就可以很方便地适应不同的生产需求。作为二级和三级破碎机的理想产品。

先进的液压圆锥破碎机技术，可以在波动给料条件下依然能让破碎机达到最好的破碎性能且不容易过载。

Cone crusher has advanced design, compact structure, crushing capacity, large crushing ratio, and well product shape. The CSS is hydraulically adjusted so that the user has the option of automatic control, a wide variety of crushing cavities, and many other high-performance features. Each model can be adapted to a variety of user needs, easy to use and maintenance, high operation rate. SCS and Sch series cone crusher are widely used. By choosing suitable crushing cavity and ECCENTRICITY, they can be easily adapted to different production requirements. Our cone crusher as a two-stage and three-stage crusher is very ideal, its compact structure, easy to maintain the design characteristics also make them the preferred mobile equipment. The state-of-the-art hydraulic cone crusher technology, so that you in the fluctuating feeding conditions can still let the crusher to achieve the best crushing performance and not easily overload. Combined with our automatic control system, you will have a cone crusher that maximizes safe operation time.



产品优点

Performance Characteristics

恒定的腔型

- 破碎机允许的最大给料粒度始终保持恒定
- 粒度分布稳定
- 更长的衬板寿命
- 更低的综合运行成本

The maximum feed granularity allowed by crusher is constant all the time.

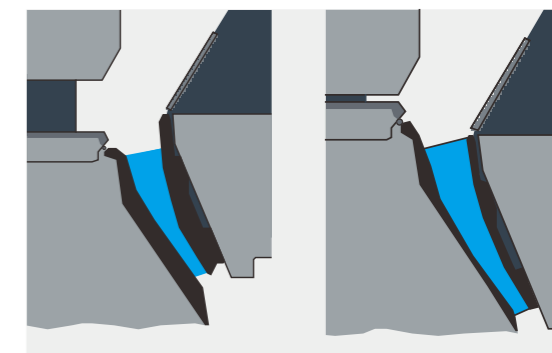
The output is higher.

The granularity distribution is stable.

The quality of product is well.

The liner life is longer.

The comprehensive running cost is the lowest



适合多种需求

通过选择不同的破碎腔型及偏心距，单缸圆锥破碎机就可以很方便地满足不同的处理量需求。

当与初级破碎机配合使用时，圆锥破碎机是二级、三级等的极佳选择。由于设计性能的灵活性，能够在不断变化的未来应付不同的生产量需求。

The maximum feed granularity allowed by crusher is constant all the time. The output is higher. The granularity distribution is stable. The quality product is longer. The liner life is longer. The comprehensive running cost is lowest

The maximum feed granularity allowed by crusher is constant all the time. The output is higher. The granularity distribution is stable. The quality product is longer. The liner life is longer. The comprehensive running cost is lowest

工艺过程的全自动控制

液压调节系统提供了安全保护和排矿口调整功能，适配重型液压缸，用于支撑主轴并调整其位置。

液压调节系统提供了自动过载保护，在过铁时，使铁块或其他不可破碎物料安全通过，并随后使主轴自动返回原位。

自动控制系统可以适应波动的给料情况。通过对破碎机衬板的持续测量和补偿，自动控制系统可以使您充分利用好每套衬板并合理安排衬板更换时间，同时方便计划停机检修。

充分的层压破碎，有利于提高破碎后的物料粒形。

The maximum feed granularity allowed by crusher is constant all the time. The output is higher. The granularity distribution is stable. The quality product is longer. The liner life is longer. The comprehensive running cost is lowest

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操作和维护

所有的维护和检查都可以从破碎机的上部来完成，这使得破碎机的操作更容易、维护成本更低。

对破碎机内部结构严密的密封有效地保护设备免受粉尘及其他细小颗粒的侵害，从而减少了维护工作量，进一步提高了破碎机的使用寿命。

智能排矿口调节系统，不仅能够优化破碎作业，同时也能跟踪衬板的磨损状态，可以很容易地制定衬板的更换计划，最大限度地降低停机时间。

The maximum feed granularity allowed by crusher is constant all the time. The output is higher. The granularity distribution is stable. The quality product is longer. The liner life is longer. The comprehensive running cost is lowest

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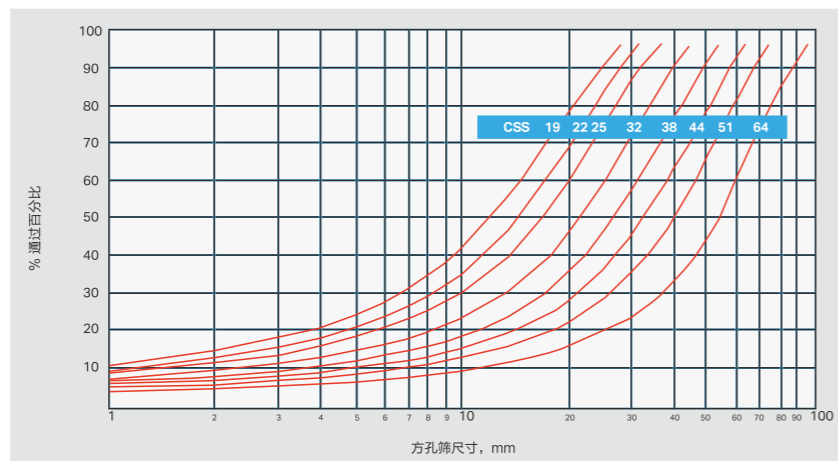


产品粒度曲线 Product size curve

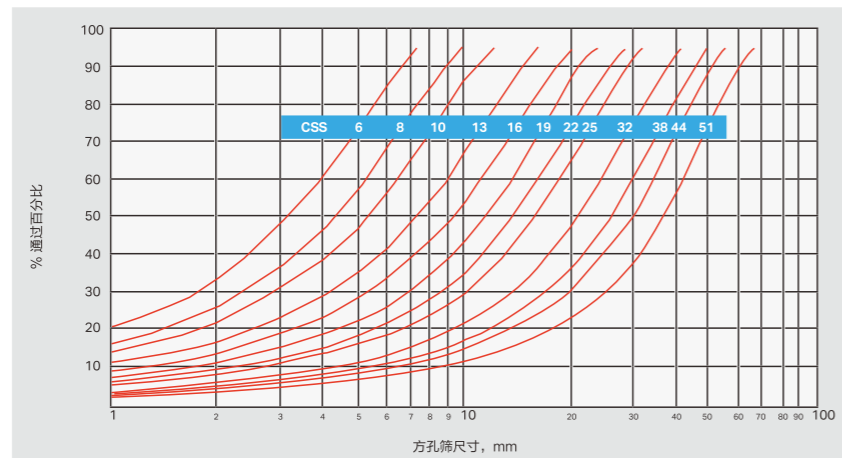
产品粒度曲线和小于紧边排矿口(方孔, mm)的破碎产品百分比, 与物料的破碎功指数(W_i)、给料粒度分布情况以及其他一些因素有关。

The product particle size curve and the percentage of broken products that smaller than the tight discharge edge(square hole,mm) are related to the crushing work index(w₁) of the material, the distribution of feeding particle size and other factors.

SCS系列 SCS Series



SCH系列 SCH Series



尺寸 size	SCS430	SCS440	SCS660	SCH430	SCH440	SCH660	SCH870i
A	Φ1635	Φ2000	Φ2800	Φ1360	Φ1540	Φ2104	Φ2660
B	3485	4075	5100	2992	3410	4215	5475
C ¹	1125	1300	1600	1125	1300	1600	2200
D	665	745	860	655	745	860	1228
E	1705	2030	2640	1212	1365	1755	2045
F	422	452	631	422	452	631	998
G	1061	1280	1497	1061	1280	1497	1824
H ²	1705	1900	2156	1705	1900	2156	2850
I	2050	2420	2895	1688	1985	2344	3095
K ³	4250	4930	5355	3570	4000	4835	6600

注：表中尺寸仅用于指导安装前的准备工作参考，不用于基础施工等。2、尺寸以mm为单位。

Note: The size in list only for reference in install(mm).

参考重量 Reference weight

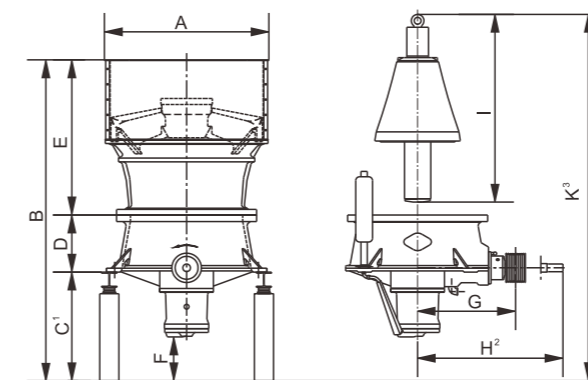
	SCS430	SCS440	SCS660	SCH430	SCH440	SCH660	SCH870i
最大检修重量 Max maintenance weight	5100	8100	16500**	2900**	4700**	8500**	17200**
总重量 Total weight	12000	19300	35700	9200**	14300**	26800**	58293**

* 16500kg = 上架体总成 + 臂架总成, 9700kg = 上架体总成。

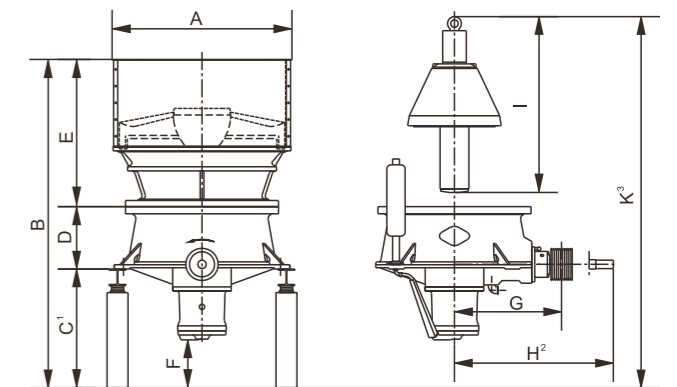
**适用于细碎破碎机。如果是粗腔型破碎机，其重量会减少。

外形尺寸

SCS系列 SCS Series



SCH系列 SCH Series



注：参考线（不是室内地面）给出了最小尺寸以拆除
Note: Reference line provides the min size to dismantle

MHC多缸液压圆锥破碎机系列

MHC Multi-cylinder Hydraulic Cone Crusher Series

产品优势和特点 Advantages and Features

MHC多缸液压圆锥破碎机是引进国外的高端液压圆锥破碎机里高转速、高偏心中心、先进的腔型设计，使得MHC多缸液压圆锥破碎机产能和物料粒型再迈新台阶，其在成品料型和成品细度方面具有优势！先进的液压及润滑系统搭配全电脑触摸控制、远程控制，使得MHC多缸液压圆锥破碎机操作维护更为简便快捷！除此之外，MHC多缸液压圆锥破碎机在技术成熟度、稳定性和可靠性上，实现了先进性、经济性和可靠性的完美统一。



The MHC multi-cylinder hydraulic cone crusher is a high-end hydraulic cone crusher imported from the United States with high rotation speed, high eccentric center and advanced cavity design, it has the incomparable superiority in the finished product material type and the finished product fineness aspect! Advanced hydraulic and lubrication system with all-computer touch control, remote control, make the MHC multi-cylinder hydraulic cone crusher operation and maintenance more simple and quick! In addition, the MHC multi-cylinder hydraulic cone crusher is far superior to its domestic counterparts in technical maturity, stability and reliability, achieving a perfect unity of advancement, economy and reliability.



性能特点

Product features

- 1、高转速，显著提升生产能力30%–40%!
 - 2、高偏心中心，破碎比大、破碎效率超高!
 - 3、同一上室组可适用粗、中、细各腔型的齿板，大大增强了客户使用的便利性与弹性!
 - 4、定齿板免填料，更换方便、迅速、省时!
 - 5、自动超载保护结构使得MHC多缸液压圆锥破碎机在过载后能自动复位，使排料口大小保持不变，从而保证成品料品质的稳定!
 - 6、先进的液压系统，操作简单、方便，并节省作业人力!
1. high speed, significantly improve production capacity 30%–40%!
 2. High Eccentric Center, high crushing ratio, high crushing efficiency!
 3. the same upper chamber group can be applied to the thick, medium and small cavity of the tooth plate, greatly enhance the convenience and flexibility of customers!
 4. fixed tooth plate without packing, easy to replace, fast, save time!
 5. The automatic overload protection structure makes the MHC multi-cylinder hydraulic cone crusher automatically reset after overload, so that the size of the discharge port remains unchanged, thus ensuring the stability of the quality of the finished product!
 6. The advanced hydraulic system synchronizes with the world, the operation is simple, convenient, and saves the work manpower! The structure of the Noumenon is simple,

技术参数

Technical Specification

型号 Model	腔型 Cavity Type	最大进料粒度 Max.Feed Opening mm	最小排料口尺寸 Min discharge opening mm	电机功率 Motor Power kW	闭边排料口 (mm) 的产量 (t/h) Throughput at closed side Discharge Opening(t/h.mm)									重量 Weight (t)	
					13	16	19	22	25	32	38	45	51		
MHC200	C	185	22	160				180-210	200-240	235-270	265-310				12
	M	145	17				145-165	160-195	185-220	210-245	230-280				
	F	70	13		90-110	105-125	120-135	125-140	130-150	140-165					
MHC300	C	210	22	220				210-240	230-280	270-320	290-350	320-380	360-430	18.7	
	M	185	19				190-220	205-230	225-260	245-285	270-330	300-350			
	F	90	16			135-155	150-170	165-185	180-200	200-220					
MHC400	C	290	25	315					295-355	335-375	370-480	430-500	470-550	28.4	
	M	210	22					265-310	290-330	315-360	350-410	390-440			
	F	110	16			155-185	175-200	195-225	210-245	235-256					

注：C=粗碎腔型；M=中碎腔型；F=细碎腔型。产量和最小排料口数据是以堆积比为1.6吨/立方米的物料为基础，由于给料、粒级、岩石类型和物料含水量的不同，实际结果会有所变动。

Note: C = Coarse Crushing Cavity; m = medium crushing cavity; F = Fine Crushing Cavity. The output and minimum discharge data are based on material with a density of 1.6 tons/m³, and the actual results vary depending on the feed, grain size, rock type and moisture content of the material.

SHP多缸液压圆锥破碎机系列

SHP Multi-cylinder Hydraulic Cone Crusher Series

工作原理

Working principle

电动机通过三角皮带、传动轴、齿轮带动偏心套旋转，动锥在偏心套的作用下做旋摆运动。动锥和定锥时而靠近时而偏离，360°对破碎腔内的物料挤压、搓碾破碎，破碎的物料从下部排出。

The motor drives the eccentric sleeve to rotate through the V-belt, transmission shaft and gear, and the movable cone rotates under the action of the eccentric sleeve. The moving cone and fixed cone are sometimes close and sometimes deviated. The materials in the crushing chamber are crushed by 360° extrusion, rolling and crushing, and the crushed materials are discharged from the lower part.



产品设计理念

Product advantages and features

采用国际上先进的主轴固定，偏心套绕主轴旋转的多缸液压圆锥破结构。采用层压缩破碎设计，破碎发生在物料和物料之间，破碎效率高。不依靠较小的排矿口获得较小的产品粒度。

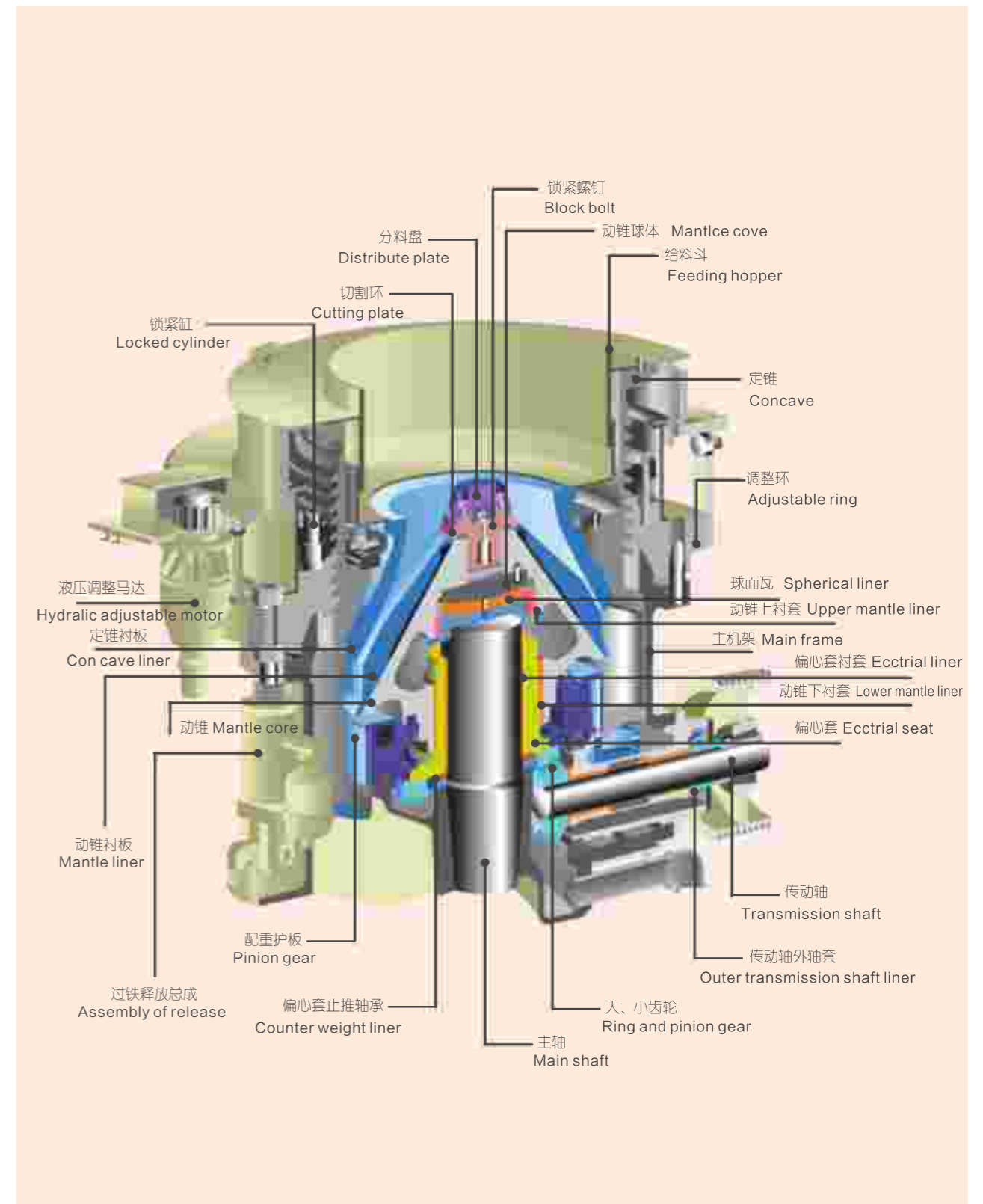
- 产品呈立方体多。
- 满腔给料，提高破碎效率。
- 层压缩破碎条件：破碎腔、转速、偏心距等合理结合。

Adopt the international advanced spindle fixed, eccentric sleeve around the spindle rotation of multi-cylinder hydraulic cone broken structure. Adopt layer compression crushing design. Full cavity feeding to improve crushing efficiency. The lining board has little wear and tear and low running cost. Layer compression crushing conditions: crushing chamber, rotating speed, eccentric distance and other reasonable combination.

- Cube size.
- Full cavity feeding to improve crushing efficiency.
- The lining board has little wear and tear and low running cost. Layer compression crushing conditions: crushing chamber, rotating speed,

产品结构

Product construction



性能特点

Product advantages and features

- 1、固定式主轴，设备承载能力强，结构更加紧凑，体积小，效率高。
- 2、通过采用粒间层压原理设计。利用物料间的相互挤压，显著提高了破碎效率和细料比例，很大程度上减少了针片状物料且降低易损件消耗。
- 3、先进轴承设计，采用锡青铜衬套滑动轴承，和滚动轴承相比，设备在高粉尘，高冲击环境下仍能保持超高的负载能力。
- 4、在水平轴回油处加装温度传感器，精准检测油温，保证设备稳定运行；传动系统采用螺旋伞齿轮，传动可靠平稳，噪音低，使用寿命长。
- 5、一体式液压润滑，独特的稀油润滑系统设计，大大提高了设备使用寿命。高性能非接触式密封件无磨损，增加球面浮动密封（全接触式），更有利于保证润滑油清洁度，风机冷却效果好。
- 6、标配浮动安装底座，安装简洁，省力省时，对基础要求降低，用户投资小。

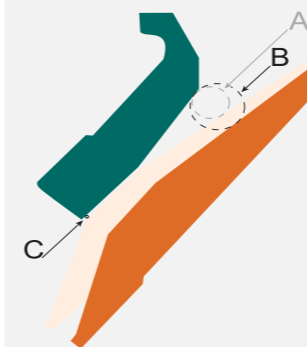


1. Fixed spindle, high carrying capacity, more compact structure, high efficiency.
2. By using intergranular lamination principle design. By means of mutual extrusion between materials, the crushing efficiency and the proportion of fine materials are significantly increased, the needle-like materials are greatly reduced and the consumption of vulnerable parts is reduced.
3. Advanced bearing design, using tin bronze bushing sliding bearing, compared with rolling bearing, equipment in high dust, high impact environment can still maintain super-high load capacity, and low production costs.
4. Install the temperature sensor at the oil return of the horizontal shaft to detect the oil temperature accurately and ensure the stable operation of the equipment.
- 5.the Cone Wall thickens at the same time, the improvement liner fixed way, does not need to pour the glue, the replacement is very convenient and quick, reduces the maintenance cost.
- 6.Integrated Hydraulic Lubrication, unique thin oil lubrication system design, greatly improve the service life of equipment. High-performance non-contact seal without wear, increase the spherical floating seal (full contact), more conducive to ensure the cleanliness of lubricating oil, Fan cooling effect is good.

破碎机腔型

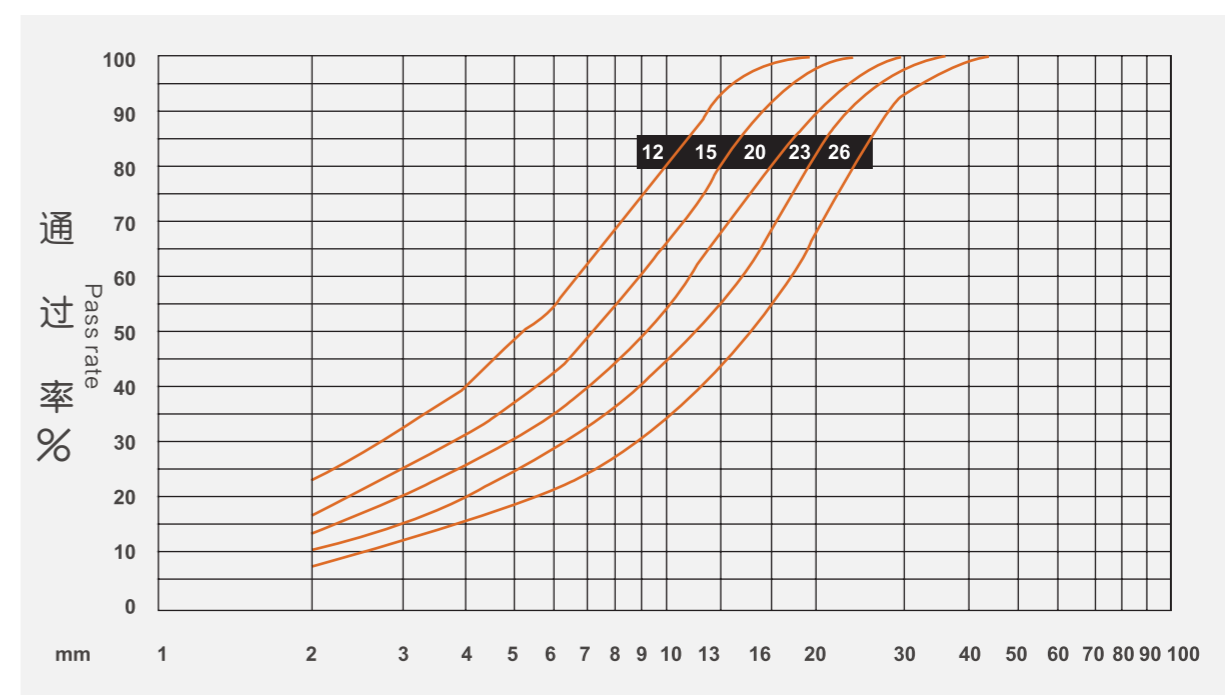
Chamber type

破碎机 型号 Type	破碎 腔型 Chamber Type	标准型 standard Type			短头型 short head Type		
		紧边给料口 A ¹ (mm) Close discharge size	开边给料口 B ² (mm) Open discharge size	最小排料口 C ³ (mm) Min discharge size	紧边给料口 A ¹ (mm) Close discharge size	开边给料口 B ² (mm) Open discharge size	最小排料口 C ³ (mm) Min discharge size
SHP200	细	95	128	14	25	66	6
	中	125	156	17	54	70	6
	粗	185	208	19	76	114	10
SHP300	细	107	148	13	25	72	6
	中	150	190	16	53	100	8
	粗	211	240	20	77	123	10
SHP400	细	111	164	14	40	104	6
	中	198	245	20	52	107	8
	粗	252	292	25	92	143	10
SHP500	细	133	182	16	40	105	8
	中	204	246	20	57	116	10
	粗	286	322	25	95	152	13
SHP800	细	219	264	16	33	98	5
	中	267	308	25	92	150	10
	粗	297	340	32	155	210	13
	超粗	353	375	32			



- 1、“A”是在最小排料口“C”时对应的紧边给料口。
 - 2、“B”是在最小排料口“C”时对应的开边给料口。
 - 3、最小排料口是指在不起调整环跳动时所能实现的最小排料口，它随矿石性质和作业条件的不同而改变。
1. "A" -close size of min.discharge opening.
2. "B" -open size of min.discharge opening.
3.Min discharge opening is the Min opening that the adjustabe ring Machine can not be jumping.

细碎作业排料粒度分布曲线* Size distribution curve in fine-crushing

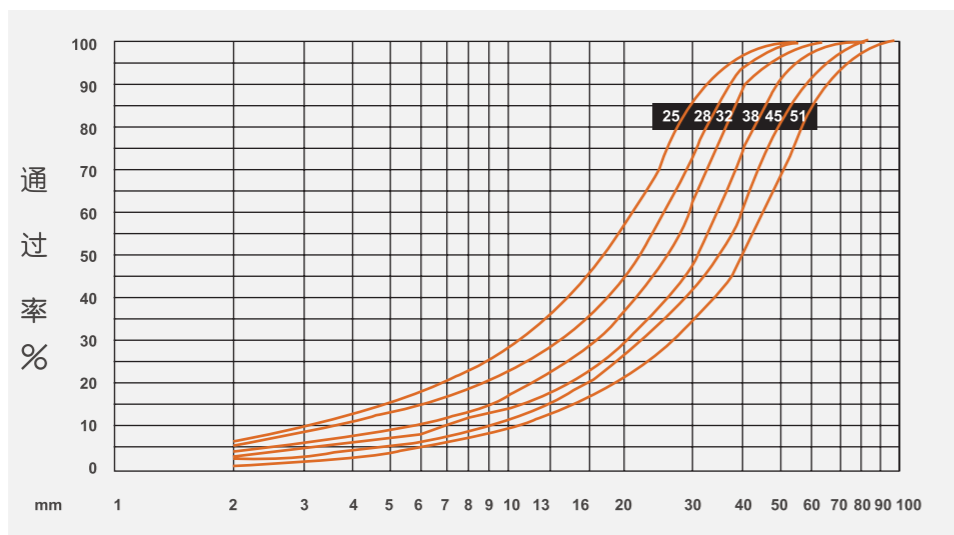


生产能力 Capacity

型号 Type	吨/小时 t/h	紧边排料 □ Close discharge opening											
		6 mm	8 mm	10 mm	13 mm	16 mm	19 mm	22 mm	25 mm	32 mm	38 mm	45 mm	51 mm
SHP200	t/h			90-120	120-150	140-180	150-190	160-200	170-220	190-235	210-250		
SHP300	t/h			115-140	150-185	180-220	200-240	220-260	230-280	250-320	300-380	350-440	
SHP400	t/h			140-175	185-230	225-280	255-320	275-345	295-370	325-430	360-490	410-560	465-630
SHP500	t/h			175-220	230-290	280-350	320-400	345-430	365-455	405-535	445-605	510-700	580-790
SHP800	t/h			260-335	325-425	385-500	435-545	470-600	495-730	545-800	600-950	690-1050	785-1200

所列破碎机的生产能力，是基于“瞬时”取样的测定结果。

中碎作业排料粒度分布曲线 * Size distribution curve in medium-crushing



整机及部件重量 Total and parts weight

重量 Weight	SHP200	SHP300	SHP400	SHP500	SHP800
破碎机总重 (kg) Total weight	10400	15810	23000	33150	64100
定锥、定锥衬板、调整帽、料斗 (kg) Weight of concave, concave liner, hopper and adjustable liner	2680	3525	4800	7200	15210
动锥、动锥衬板和给料盘 (kg) Weight of mantle, mantle liner and feed plate	1200	2060	3240	5120	6300
最大推荐功率 (kW) The recommend power	160	250	315	400	600
传动轴转速 (rpm) The counter shaft rotation speed	750-1200	700-1200	700-1000	700-950	700-950

2PG辊式破碎机系列

2PG Roll Crusher Series

产品优势 and 特点 Advantages and Features

2PG辊式破碎机由两个相向同步转动的挤压辊组成，一个固定，一个可以移动。

物料从两辊上方给入，被挤压辊连续带入辊间，受到50-350Mpa的高压作用后，以理想的粒度从机下排出。

物料从被辊面咬住时开始，受到辊子作用力逐渐增加，最大压力可达350Mpa，排出的物料，除含有一定比例的粉状物料外，其余颗粒物料的内部，产生大量裂纹，在进一步粉碎过程中，可较大地降低粉磨能耗。

The 2PG roller crusher consists of two extrusion rollers rotating synchronously against each other, one fixed and one movable.

The material is fed from above the two rollers, and the squeezed roller is continuously carried into the rollers, after the high pressure of 50-350Mpa, and discharged from the machine.

When the material is bitten by the roller surface, the force gradually increases by the roller, and the maximum pressure can reach 350Mpa. Except for the discharged material, the certain proportion of the other particulate material produces a large amount of cracks. In the process of further crushing, the grinding energy consumption can be greatly reduced.



主要技术参数 Main technical Specification

型号 Model	轧辊直径 Roller diameter (mm)	轧辊长度 Roller Length (mm)	最大进料粒度 Max. Feed Size (mm)	出料粒度 Discharge Size (mm)	生产能力 Capacity (t/h)	电机功率 Motor Power (kW)
2PG700×400	700	400	≤35	0-15	12-18	22×2
2PG800×600	800	600	≤35	0-15	18-25	37×2
2PG1000×600	1000	600	≤35	0-20	35-55	90×2
2PG1200×500	1200	500	≤35	0-20	60-80	132×2
2PG1400×550	1400	550	≤35	0-20	100-120	200×2

注：生产能力为≤5mm的产量 Note: size is less than 5 mm

VB立轴冲击式制砂机系列

VB Vertical Shaft Impact Sand Making Series

产品简介

The Introduction of the Machine

VB立轴冲击式制砂机采用国际领先的高速深腔转子技术，并与有效精确控制的旁路给料系统完美结合，不仅大大提高了生产能力和成品质量，而且显著降低生产成本和磨损件的消耗，从而广泛应用于花岗岩、玄武岩、辉绿岩、卵石、铁矿石等中高硬度、耐磨蚀物料的破碎、制砂、粗磨及整形作业！

VB vertical shaft impact crusher adopts the foreign advanced technology of high-speed and deep cavity rotor and combines with the efficient feeding system which improves the ability of production and the quality of the finished product and also reduces the cost of the production and the usage of wear parts. It is widely used in high hardness material such as granite, basalt, diabase, pebbles and so on and the crushing of Abrasion resistant materials, sand making, rough crusher and so on.



VB700

产品优势和特点

Advantages and Features

◆ 独特的转子设计

采用国际领先的高速深腔转子技术，结构紧凑，产品的深度与直径比显著高于传统产品，转子腔内容积更大，转子转速高达1900r/min！同时，磨损块全部采用螺栓联接，方便客户快速安装与拆卸，减少停机时间。

◆ 自动控制与手动控制的完美结合

具有过载、过流、短路等保护装置，对润滑系统的油温、回油量都有监控，油温过高或回油量过少时，系统会自动报警并关闭主机。此外，龙口开闭、顶盖提升、电机皮带松紧调整等都通过液压系统调整。

◆ 先进的“石打石、石打铁”工艺，成品粒型优越

“石打石”技术减少了零部件磨损，有效降低生产成本，特别适用于高硬度、高磨蚀物料的破碎：“石打铁”技术有效提高制砂效率，两种装置状态自由转换，碎石、制砂、粗磨、整形，一机多用！成品呈立方状，整形效果显著优于传统反击式破碎机。

◆ 双重抛料组合，石料内衬，有效降低损耗

采用高速转子的双重抛料组合，最大限度地延长磨损时间有效保护转子主体不会因过度磨损而损坏！同时，VB立轴冲击式制砂机在生产过程中能形成石料内衬，减少机身磨损，延长设备使用寿命！

◆ 瀑落与中心给料完美结合

瀑落与中心给料完美结合，大大提高生产能力和成品质量，二次溢料系统搭配不同的转速，能够有效控制粒型以及出料的粒度分布！



VB900

◆ 精确制造与优良设计完美结合，辅助PLC控制系统

将精确制造与优良设计完美结合，降低操作难度并有效缩短操作人员培训时间，辅助PLC控制系统(选配)，良好的人机界面操作，自动化程度高。

◆ 空气自循环系统，有效降低粉尘

◆ 稀油站循环润滑，多种安全检测防护

主轴轴承采用稀油站进行循环润滑，有备用油泵，可保证向主机连续供油，油箱有连锁保护装置，从而实现自动控制和事故报警！多种安全检测(出油温度、油箱温度、主轴转速、振动检测、压力检测、回油检测、过滤检测)、多种安全保护(电流过载保护、温度保护、压力保护回油保护)充分保证VB立轴冲击式制砂机安全、稳定、长期的工作！同时，采用软启动器(选配)启动，保证对电网系统的更小冲击，更短的启动时间！

◆ 科学的冷却与加热系统

冷却系统保证设备在恒温条件下工作，从而使得核心部件始终保持最佳工作状态，延长使用寿命。同时，在低温环境或地区，加热系统有效保证设备在正常温度下工作！



VB1200

The unique design of rotor

It adopts the foreign advanced technology of high-speed and deep cavity rotor. The structure is compact. The ratio of the depth of the rotor and the diameter is above the previous ones. The density of the cavity is bigger. The speed of the rotor is 1900r/min. At the same time, the abrasion part links with the bolts. It is convenient for customer to install and tear down. It lowers the time of machine halt and maximizes the interests of customers.

The perfect combination of automatic control and manual control

The VB vertical shaft impact system sand machine has overload, over current, short circuit protection device. It controls the temperature of the oil which is in the lubrication system and returning of the oil. If the oil temperature is high or the returning of the oil is less, the alarm system can alarm automatically to shut down the crusher. At the same time, longkou opening and closing, Roof hoisting, motor belt elastic adjustment and so on all through the hydraulic system greatly facilitate the users!

The advanced technology “stone hit stone, stone hit the iron”, the shape of the finished product is superior

The technology of “stone hit stone” reduces the abrasion and the cost of output. It is widely used in the crushing of high hardness and high abrasion. The technology of “stone hit iron” improves the speed of making sand. The two device shift easily. The machine has many functions including crushing, sand making, rough crushing, shape changing. The finished product is cubic and high density. The shape changing is superior than the previous ones. Combined with the organ and center feed processing ability, It is the preferred equipment for stone plastic!

Double material combination, stone lining and reduce the loss

It is double material combination and prolongs the time of abrasion. It also protects the rotor from damaging due to over wear and prolong the life of the equipment.

Organ and center feeding perfect combination

It has the perfect combination of organ and center feeding and improves the ability of output and the quality of finished products. Two material overflow system with a variety of speed, can effectively control particle type and the distribution of discharge

The perfect combination of precisely made and excellent design, plc controlling system



It has the combination of precisely made and excellent design .It reduces the difficulty and shortens the operation staff' s training time. PLC control system (optional) and a good man-machine interface certificate all the technology. The security parameters can be set up. It is beyond the automatic alarm system. It is easy to operate and a high degree of automation.

The air circulation system effectively reduce the dust .

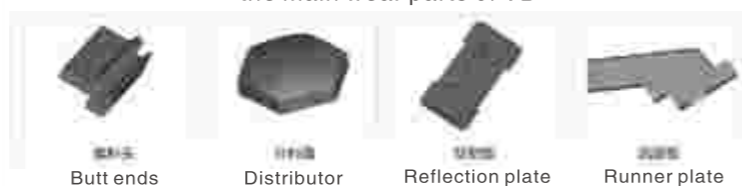
Thin oil terminal circulation lubrication, a variety of safety inspection

It adopts the thin oil terminal circulation lubrication. It has the oil pump to guarantee the continuous oil supply to the host .The oil tank has the device of protection to make it control automatically and alarm automatically! Many safeguard inspection (oil temperature, the tank temperature, spindle speed, vibration testing, pressure testing, oil return detection, filtering) multiple security protection, (current overload protection, temperature protection, pressure protection, oil return) fully guarantee the VB vertical shaft impact system sand machine safety, stability, long-term work! At the same time, we adopt the soft starter to guarantee the small impact of system and less time to start up!

The system of cooling and heating

The VB vertical shaft impact crusher makes the equipment work in the condition of unchanged temperature. So it makes the core part work well and prolongs the life of it. At the same time, in low temperature environment or region, heating system effectively guarantees the equipment working under normal temperature.

VB制砂机主要易损件
the main wear parts of VB



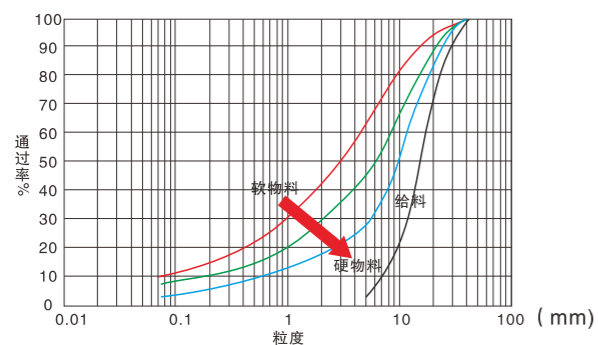
主要技术参数 Main technical Specification

型号 Model	功率 Motor Power (kW)	转子转速 Rotor speed (r/min)	最大进料粒度 Max. Feed size (mm)	通过量 Capacity (t/h)	重量 Weight (t)
VB700	200	1200-1900	40mm	120-190	10.5
VB800	160*2	1300-1500	40mm	180-280	15
VB900	250*2	1000-1300	40mm	340-440	20
VB1200	315*2	900-1200	40mm	450-580	23

粒度分布曲线图 Gradation curves

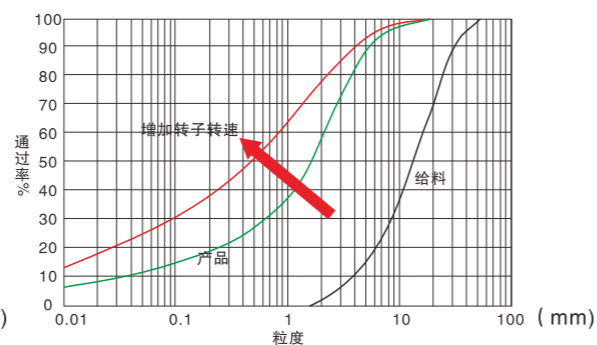
物料硬度变化

The hardness change of material

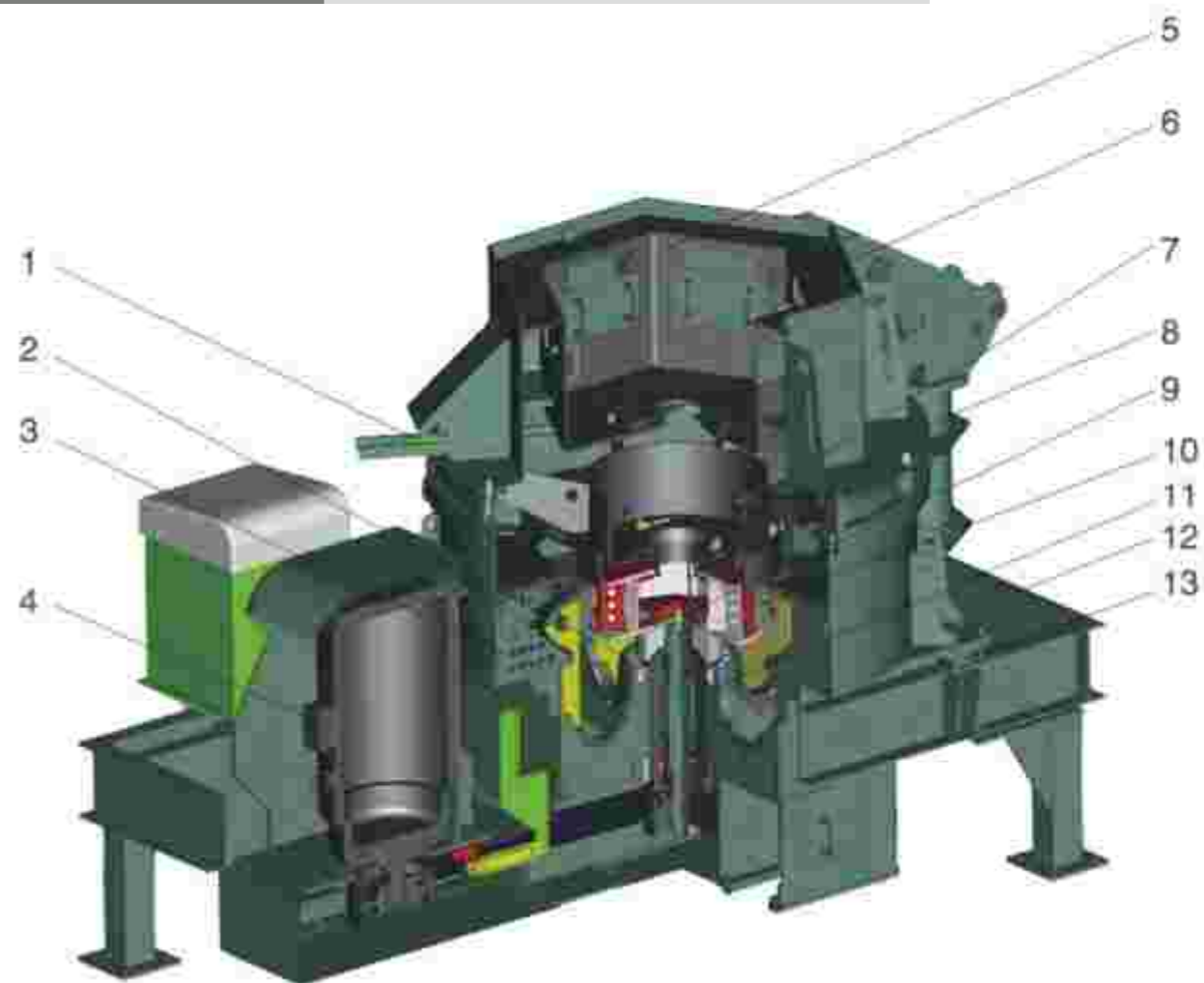


转子转速变化

The speed changing of rotor



主要部件 Main Components



结构名称 The Name of Structure

1. 给料控制装置; Feeding sustem control
2. 轴承; Bearing
3. 破碎腔环; Crushing cavity ring
4. 电机; Motor
5. 受料斗; Receiving hopper
6. 溢料装置; over-flow device
7. 多幅架; Picture frame
8. 提升装置; lifting device
9. 分料盘; Distributor
10. 转子组; Rotor Assembly
11. 主轴; Main shaft
12. 机架; Frame
13. 减振弹簧; Damper spring

易损件 wear parts

- 给料筒; Feeding tube
- 反射板; Reflection plate
- 硬质合金; Carbide
- 抛料头; Butt ends
- 转子上衬板; Upper rotor plate
- 转子下衬板; Lower rotor plate
- 顶部磨损板; The top wear plate
- 分料盘; Distributor

PC/PCD锤式破碎机系列

PC/PCD Hammer Crusher Series

产品优势和特点 Advantages and Features

本系列单转子锤式破碎机，利用转子旋转时锤头的冲击作用来破碎脆性或中硬度物料（如煤、石膏、页岩、石灰石等），但不能用来破碎韧性、纤维质及含水量大于10%的物料。具有产量高，破碎比大，结构简单，维护方便，成品粒度均匀等特点。

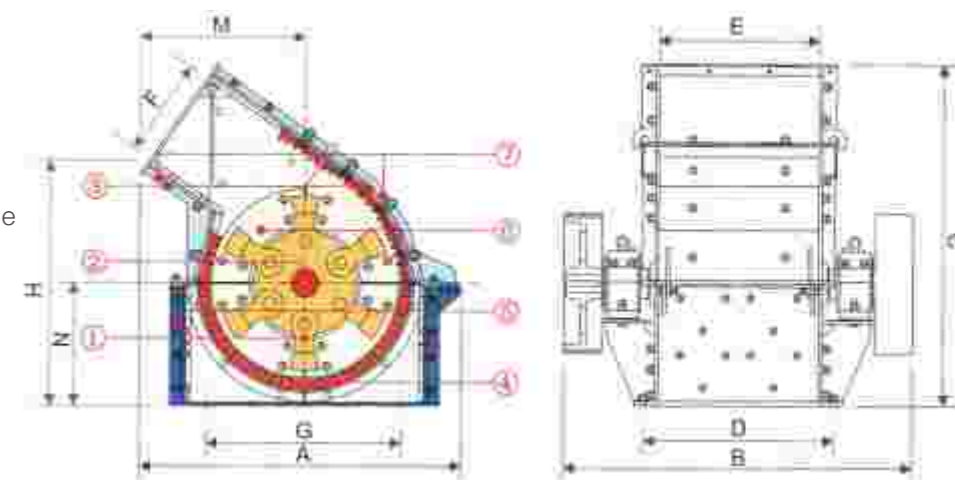
This series of single rotor hammer crusher uses the impact of the hammer during rotor rotation to crush brittle or hardness materials (such as coal, gypsum, shale, limestone, etc.), but not to break materials with toughness, fiber and moisture content greater than 10%. It has the characteristics of high yield, large crushing ratio, simple structure, convenient maintenance and uniform particle size of finished products.



结构图

Structural drawing

- 1、锤头 Hammer
- 2、主轴 Main shaft
- 3、破碎板 Crushing plate
- 4、筛条 Sieve bar
- 5、下机体 Lower body
- 6、衬板 Liner
- 7、上机体 upper body



主要技术参数

Main technical Specification

型号 Model	转子直径 Rotor diameter (mm)	最大进料粒度 Max.feed size (mm)	出料粒度 Discharge Size (mm)	处理能力 Capacity (t/h)	电动机功率 Motor Power (kw)
PC-600×400	Φ600	≤80	≤6	5-10	22
PC-600×600	Φ600	≤80	≤6	10-20	37
PC-750×650	Φ750	≤120	≤40	20-70	45
PC-1000×800	Φ1000	≤120	≤40	27-85	75
PC-1000×1000	Φ1000	≤200	≤40	40-100	110
PCD-1510	Φ1500	≤700	≤50	160-210	110kW×2
PCD-1512	Φ1500	≤700	≤50	250-320	160kW×2
PCD-1615	Φ1600	≤800	≤50	300-400	200kW×2
PCD-1618	Φ1600	≤800	≤50	400-500	280kW×2

注：PCD为单段锤式破碎机

Note:PCD Single-rotor hammer crusher

CX冲击式细碎破碎机系列

CX Impact Crusher Series

产品优势和特点 Advantages and Features

适用于水泥、交通、水利水电、陶瓷、耐火材料、化工等部门。

适用破碎中低硬度物料（抗压强度 $\leq 120\text{MPa}$ ，含水量 $\leq 8\%$ ），如石灰石（人工制砂），磷矿石，水泥生料、熟料，页岩，白云石，炉渣等。

破碎比大，锤头为高强度耐磨材料。

独特的翻转维修机构，使维修和更换易损件十分简便。

采用复合冲击模式，粒度进行双级调节，有效的控制产品的粒度。

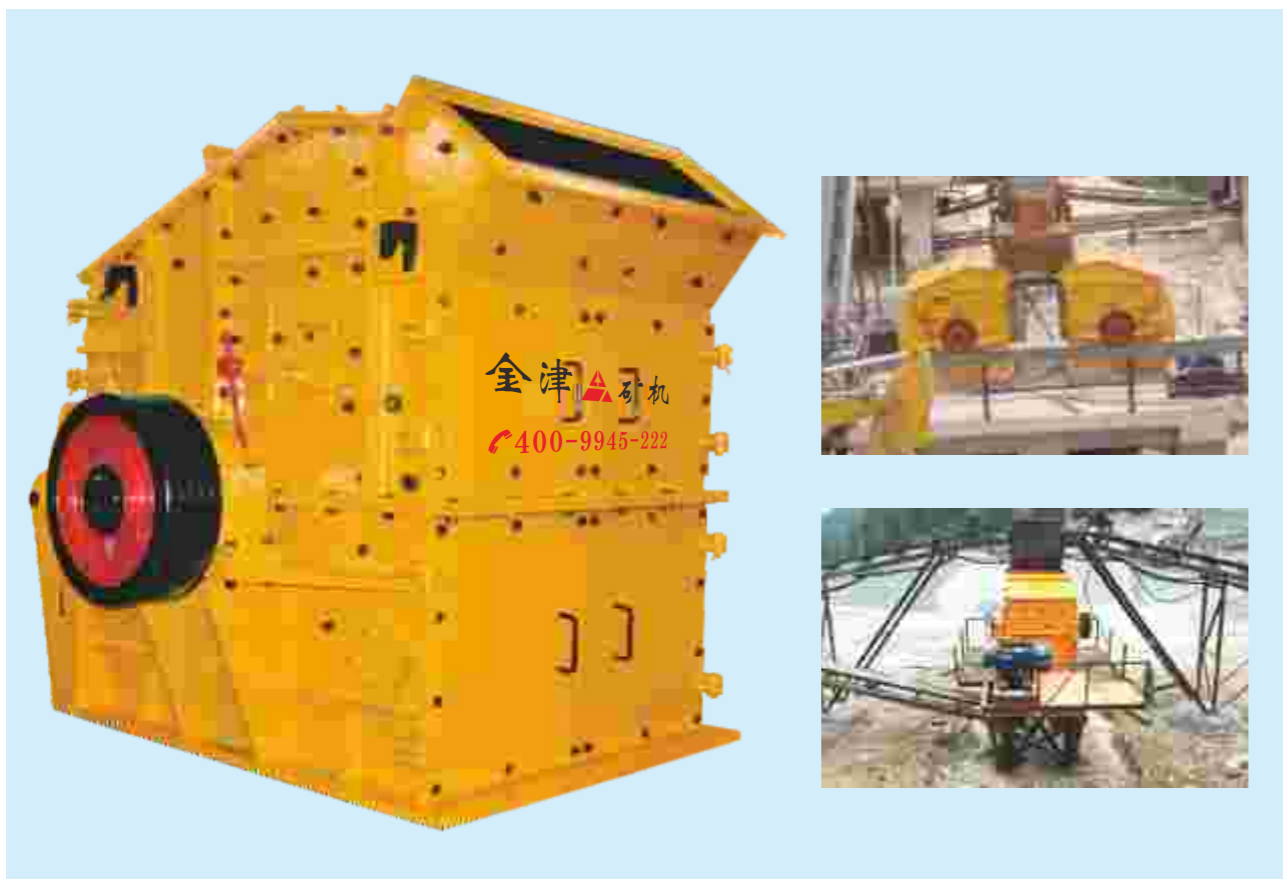
Applicable to cement, transportation, water conservancy and hydropower, ceramics, refractories, chemicals and other departments.

Low hardness material (compressive strength $\leq 120\text{mpa}$, water content $\leq 10\%$), such as limestone (artificial sand), phosphate rock, cement raw materials, clinker, shale, dolomite, slag and so on.

High-strength wear-resistant materials with high ratio of reduction, such as hammer.

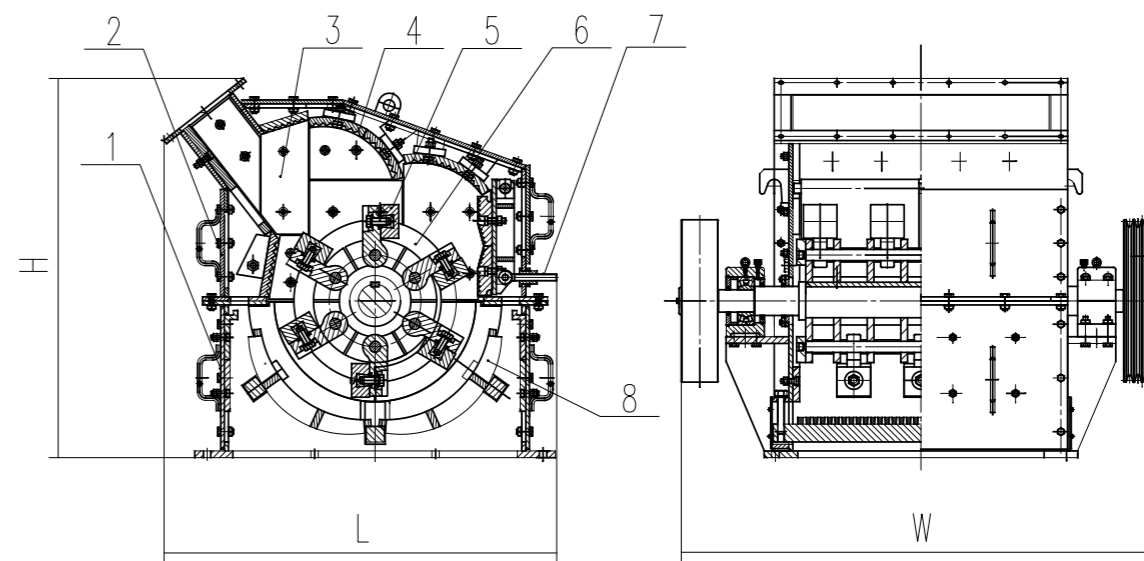
Unique flip maintenance structure, so that repair and replacement of wearing parts is very simple.

Impact model, particle size for two-stage adjustment, effective control of finished product size.



结构图

Structural drawing



1.下机体部分/Lower body

3.侧衬板/Back plate

5.锤头/Hammer

7.调节装置/Adjustment part

2.上机体部分/Upper body

4.反击破碎板/Impact crushing plate

6.转子部分/Rotor

8.筛板/Screen plate

主要技术参数

Main technical Specification

型号 Model	转子直径 Rotor diameter (mm)	转子长度 Rotor length (mm)	最大进料粒度 Max. Feed size (mm)	出料粒度 Discharge size (mm)	处理能力 Capacity (t/h)	电机功率 Motor Power (kW)	重量 (不包括电机) Weight (exclude motor) (t)	外形尺寸 Overall Dimension (mm)
CX-0808	800	800	60	≤ 5	15-20	55	5.2	1865 × 1708 × 1650
CX-0910	900	1000	70	≤ 5	30-40	75	7.5	1755 × 2180 × 1695
CX-1212	1200	1200	70	≤ 5	50-70	132	11.5	2524 × 2866 × 2325

注： $\leq 5\text{mm}$ 出料粒度约占通过能力的60-70%，处理能力为 $\leq 5\text{mm}$ 的产量

The discharge size which is less than 5mm takes up 60-70% of passing through. The producing capacity is the output of the discharge size which is not bigger than 5mm

CG多辊制砂机系列

CG Multi-Roll Crusher

产品特点 Product advantages and features

- ◆ 采用独特的四辊设计，使粒型呈菱形，级配优良，针片状少
- ◆ 制砂效率高，成形率达到60%
- ◆ 能耗低，每吨砂仅需要1.5KW功率
- ◆ 运用石料和石料挤压的原理和高合金耐磨新型材料，易损件更换少，破碎成本低
- ◆ 采用PLC全自动控制系统，根据设定的参数自动调整压力和辊齿间隙，自动化程度高，减少人力和人为因素的影响。
- ◆ 采用国内先进的氮气液压站控制系统，坚硬物料（铁、金属等）自动排料，保护机器，提高轴承、主轴使用寿命。
- ◆ 含水量影响小，进料含水量可达30%。

The unique four roller design makes the grain shape cube, excellent gradation and few needle flakes
High sand making efficiency and 60% forming rate

Low energy consumption, only 1.5KW power per ton of sand

Using the principle of stone and stone extrusion and high alloy wear-resistant new materials, the replacement of vulnerable parts is less and the crushing cost is low

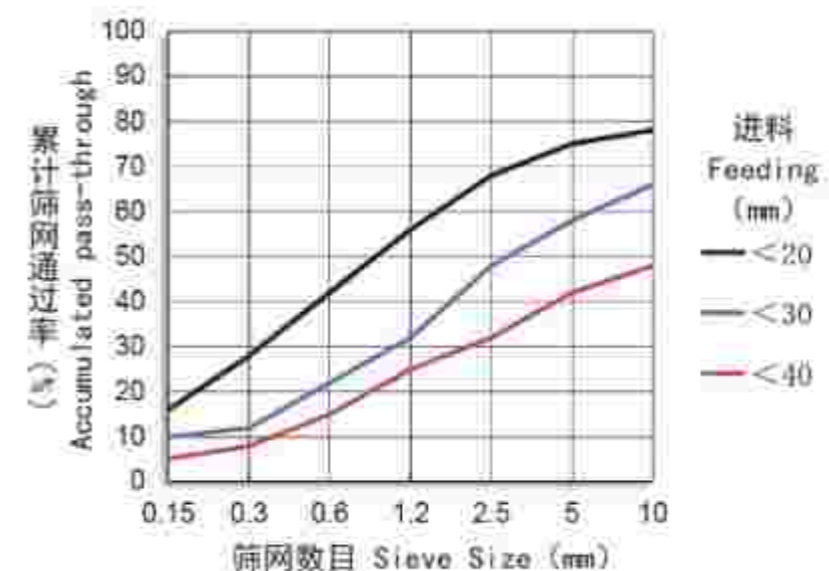
The PLC full-automatic control system is adopted to automatically adjust the pressure and roller tooth clearance according to the set parameters. The degree of automation is high and the influence of human and human factors is reduced.

The domestic advanced nitrogen hydraulic station control system is adopted to automatically discharge hard materials (iron, metal, etc.), protect the machine and improve the service life of bearings and spindles.

The influence of water content is small, and the feed water content can reach 30%.



辊砂机粒度曲线 Size curve



技术参数 Technical data

型号 Type	进料粒度 Feeding size (mm)	出料粒度 Discharge size (mm)	生产能力 Capacity (TPH)	功率 Power (KW)	≤5mm成品率 5mm Rate of finished product (%)
CG0712	<40mm	0-10mm	180-200	55*2	40%-60%
CG0818	<40mm	0-10mm	250-300	110*2	40%-60%
CG1022	<40mm	0-10mm	350-500	200*2	40%-65%



PGH高压辊磨机系列

PGH High Pressure Grinding Roll Series

产品特点 Product advantages and features

高压辊磨机是一种结构简单、性能可靠的可细碎、超细碎作业可控制细度模数的高压辊磨机。适用于抗压强度小于250Mpa、湿度小于10%的硬、中硬物料的细碎作业。如河卵石、焦炭、陶瓷原料、石英石、石灰石、泥质页岩、白垩、砖块、炉渣、熟料、长石、焦炭长石、石膏、食盐、化工原料等固体物料。

- 1、液压系统使调节辊隙更方便、轻松；同时保护整机的安全。
- 2、采用高锰钢材质的整体铸造辊面，延长了辊面的使用寿命。
- 3、产量高，能耗低。

相比传统制砂粉磨工艺，生产率可提高25%–35%，且电耗亦可降低15%–35%，综合节能达20%左右。

- 4、环保性好，维修方便。

采用可拆卸分体式上下辊罩，密封性好，降低粉尘污染。整机结构简单紧凑，零配件更换方便，维护成本低。



The roller mill is a kind of high pressure roller mill with simple structure and reliable performance, which can be finely crushed and the fineness modulus can be controlled in superfine crushing operation. It is suitable for crushing hard and medium hard materials with compressive strength less than 250Mpa and humidity less than 10%. Such as pebble, coke, ceramic raw materials, quartz stone, limestone, mud shale, chalk, brick, slag, clinker, feldspar, coke feldspar, gypsum, salt, chemical raw materials and other solid materials.

1. The hydraulic system makes it more convenient and easy to adjust the roll gap; At the same time, it protects the safety of the whole machine.
2. The service life of the roll surface is extended by using the integral casting roll surface made of high manganese steel.
3. High output and low energy consumption.

Compared with the traditional sand making and grinding process, the productivity can be increased by 25% – 35%, the power consumption can also be reduced by 15% – 35%, and the comprehensive energy saving can reach about 20%.

4. Good environmental protection, easy maintenance.

The detachable split upper and lower roll covers are adopted, which have good sealing performance and reduce dust pollution. The whole machine has simple and compact structure, convenient replacement of spare parts and low maintenance cost.

工作原理 Product advantages and features

高压辊磨机的主体是两个相向转动的辊子。脆性物料由输送设备，送入装有称重传感器的称重仓，而后通过辊压机的进料装置，进入两大小相同，相对转动的辊子之间，由辊子将物料拉入辊隙中，将物料压成密实的物料饼，从辊隙中落下，经出料斗，由输送设备输出。由下一工序对物料饼作进一步的分散或粉磨。

The main body of the high-pressure roller mill is two opposite rotating rollers. The Brittle material is fed into the weighing bin equipped with weighing sensor by conveying equipment, and then the material is pulled into the gap between two rollers of the same size and relative rotation by the rollers through the feeding device of the roller press, the material is compressed into a dense material cake, which falls down from the roller gap and is exported by the conveying equipment through the discharge hopper. The cake is further dispersed or ground by the next process.

技术参数 Technical data

规格型号 Model	电机功率 (kW) Motor Rating	进料粒度 (mm) Max.Feed Size	5mm以内成品率 Proportion of Products Less than 5mm	处理能力 (t/h) Capacity
PGH800×300	2× (75–110)	≤30	50–70%	60–100
PGH900×600	2× (132–160)	≤35	50–70%	140–200
PGH1200×800	2× (200–250)	≤40	50–70%	180–300
PGH1400×1000	2× (250–315)	≤45	50–70%	300–420

筛分篇 Screen section



- 51 YKR块偏心圆振动筛系列
YKR Block Eccentric Circular Vibrating Screen Series
- 53 YA轴偏心圆振动筛系列
YA Eccentric Shaft Circular Vibrating Screen Series
- 55 LH水平振动筛系列
LH Horizontal Screen

YKR块偏心圆振动筛系列

YKR Block Eccentric Circular Vibrating Screen Series

产品优势和特点 Advantages and Features

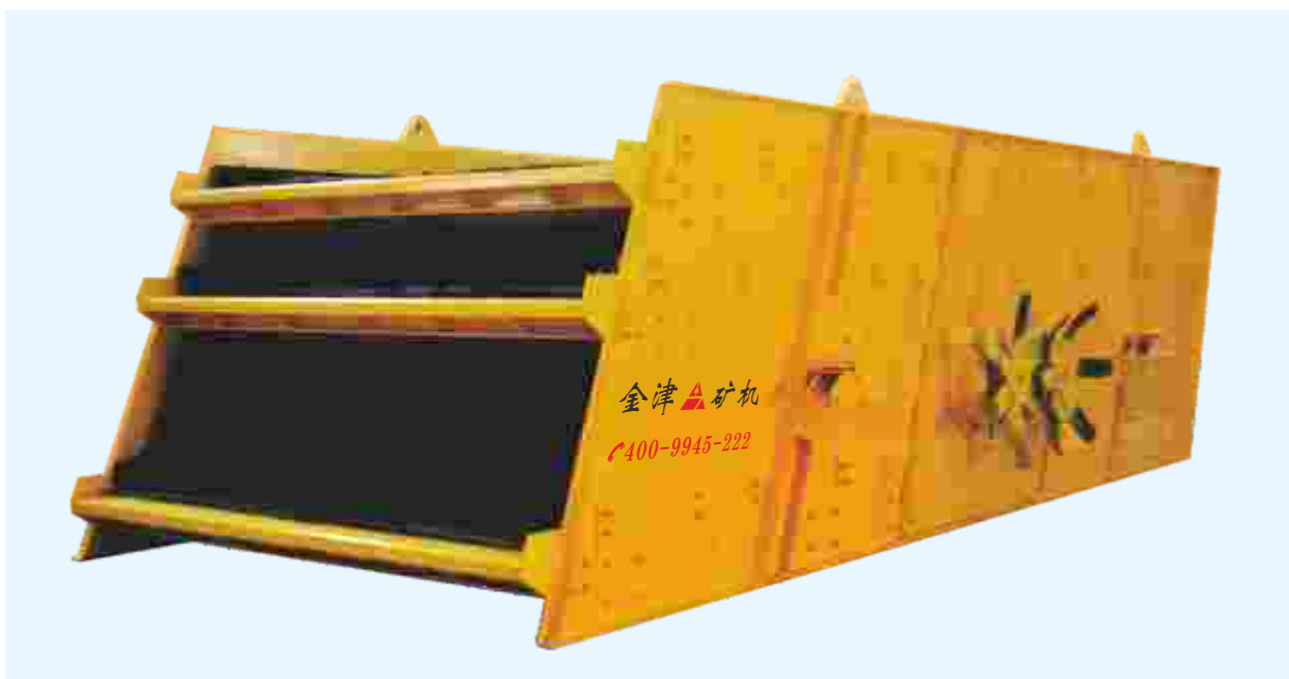
本系列产品的运动轨迹为近似圆，振幅可调节，激振力强，物料分级质量好、效率高，性能可靠，维修方便，广泛用于冶金、矿山、化工、建材、交通、水利水电等行业。

本产品设计为20度的倾斜度，并加高筛箱体，其设计简单，更换筛网简单。

Moving trajectories approach to circle, adjustable amplitude, strong excitation force, top level classification of materials, high production.

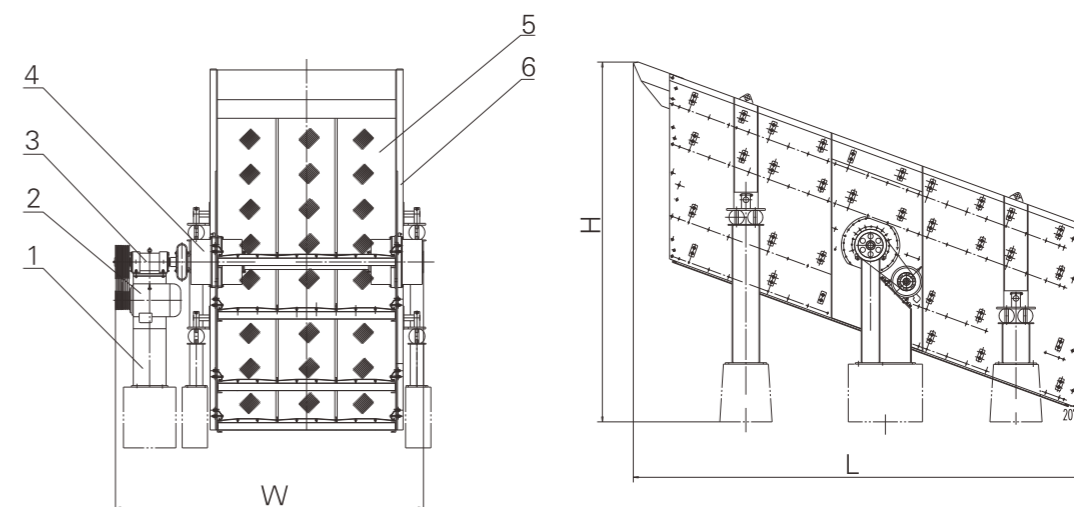
Firm and durable, reliable performance, smooth and steady convey, easy maintenance.

The frame dipangle is 20°



结构图

Structural drawing



- 1.支撑座/Supporting seat
- 2.电机/Motor
- 3.传动座/Drive seat
- 4.激振器/Vibration exciter
- 5.筛网/Screen
- 6.箱体/Frame

主要技术参数

Main technical Specification

型号 Model	筛面层数 Decks (mm)	筛孔尺寸 Sieve size (mm)	筛面规格 Screen size (mm)	最大进料尺寸 Max. Feed size (mm)	振动频率 Vibrating frequency (Hz)	双振幅 Double amplitude (mm)	功率 Motor Power (kW)	重量 Weight (t)	外形尺寸 (长×宽×高) Overall Dimension (L×W×H) (mm)
2YKR-2460	2	5-100	2450×6000	200	14.2	8-10	30	9.5	6418×4256×3840
3YKR-2460	3	5-100	2450×6000	200	14.2	8-10	37	11.5	6563×4251×4312
2YKR-2470	2	5-100	2450×7000	200	13.5	9-10	37	11.5	7205×4258×4718
3YKR-2470	3	5-100	2450×7000	200	14.2	8-9	45	13.5	7205×4258×4293
2YKR-3070	2	5-100	3000×7000	200	12.2	8-10	22×2	11	7133×4639×4278
3YKR-3070	3	5-100	3000×7000	200	12.2	8-10	22×2	14	7133×4754×4864
2YKR-3080	2	5-100	3000×7650	200	13.5	9-10	30×2	18	7845×4889×4864
3YKR-3080	3	5-100	3000×7650	200	14.2	8-9	37×2	22	7845×4889×5343
2YKR-3680	2	5-100	3650×7650	200	13.6	8-9	55×2	28	8094×5662×5068
3YKR-3680	3	5-100	3650×7650	200	13.6	8-9	55×2	33	8094×5662×5558

注：1、筛面结构可做编织、条缝、橡胶、聚氨脂筛网。2、筛孔尺寸可根据用户要求定制。

Note: 1, screen surface structure do textiles, crack, rubber, polyurethane screen. 2, mesh size can be customized.

YA轴偏心圆振动筛系列

YA Eccentric Shaft Circular Vibrating Screen Series

产品优势和特点 Advantages and Features

运动轨迹为近似圆，振幅可调节，激振力强，物料分级效果好、产量高。

偏心轴贯穿筛箱两侧，强度高。

传动平稳，维修方便。

Moving trajectories approach to circle, adjustable amplitude, strong excitation force, top level classification of materials, high production.

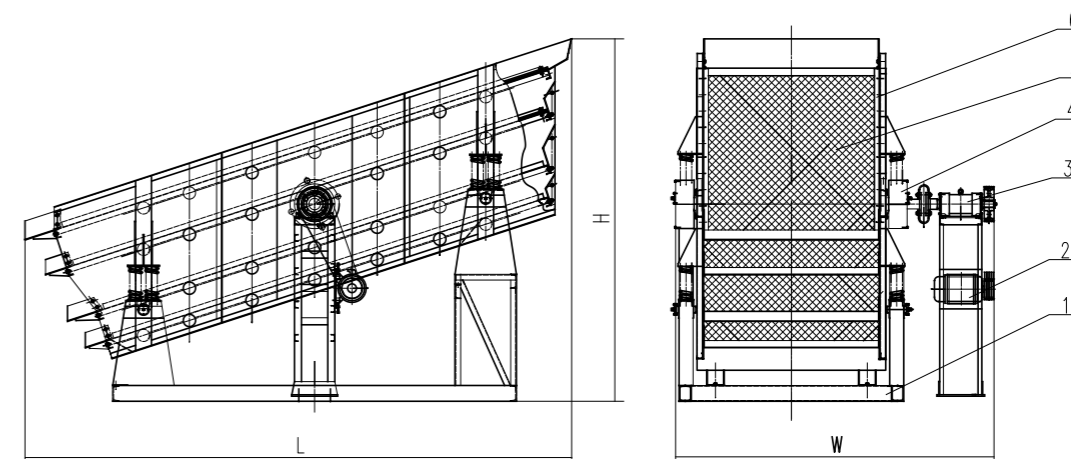
The eccentric shaft is across from the two sides of the case, good strength.

Firm and durable, reliable performance, smooth and steady convey, easy maintenance.



结构图

Structural drawing



- 1.支撑座/Supporting seat
- 2.电机/Motor
- 3.传动座/Drive seat
- 4.激振器/Vibration exciter
- 5.筛网/Screen
- 6.箱体/Frame

主要技术参数

Main technical Specification

型号 Model	筛面层数 Decks	筛孔尺寸 Sieve size (mm)	筛面规格 Screen size (mm)	最大进料尺寸 Max. Feed size (mm)	振动频率 Vibrating frequency (Hz)	双振幅 Double amplitude (mm)	功率 Motor Power (kW)	重量 Weight (t)	外形尺寸 (长×宽×高) Overall Dimension (L×W×H) (mm)
2YA1236	2	5-50	1200×3600	80	15.4	5-7	7.5	2.2	3530×1895×1980
3YA1236	3	5-50	1200×3600	80	15.4	5-7	7.5	2.3	3530×1895×2242
4YA1236	4	5-50	1200×3600	80	15.4	5-7	7.5	2.5	3530×1895×2505
2YA1548	2	5-100	1500×4800	100	15	6-8	15	3.6	4888×2585×2766
3YA1548	3	5-100	1500×4800	100	15	6-8	15	4.2	4965×2585×3052
4YA1548	4	5-100	1500×4800	100	15	6-8	15	4.8	4965×2585×3338
2YA1860	2	5-100	1800×6000	200	14	6-8	18.5	6.5	6116×3560×3744
3YA1860	3	5-100	1800×6000	200	14	6-8	22	8.2	6116×3560×4063
4YA1860	4	5-100	1800×6000	200	14	6-8	30	9	6116×3560×4264
2YA2160	2	5-100	2100×6000	200	14	6-8	22	6.8	6116×3860×3744
3YA2160	3	5-100	2100×6000	200	14	6-8	22	9	6116×3860×4063
4YA2160	4	5-100	2100×6000	200	14	6-8	30	9.8	6116×3860×4264
2YAH2460 (棒条筛)	2	上层≤100棒条 下层10-60	2400×6000	400	11.8	8-11	45	14.7	6090×3934×3958

注：1、筛面结构可做编织、条缝、聚氨脂筛网。2、筛孔尺寸可根据用户要求定制。
Note: 1, screen surface structure do textiles, crack, rubber, polyurethane screen. 2, mesh size can be customized.

SLH水平振动筛系列

SLH Horizontal Screen Series

产品优势和特点 Advantages and Features

SLH振动筛料机是水平筛网，其以两个不平衡的偏心轴产生具有强劲的水平振动力，具有处理量大，避免石料阻塞广泛适用于筛分小粒度的石料。

- ◆先进的设计使此机型具有强力的离心力，可使石料稳定的移动。
- ◆适合水洗石料及水洗砂，经由高效率的筛分效率，分离出干净粒度的均匀石料。

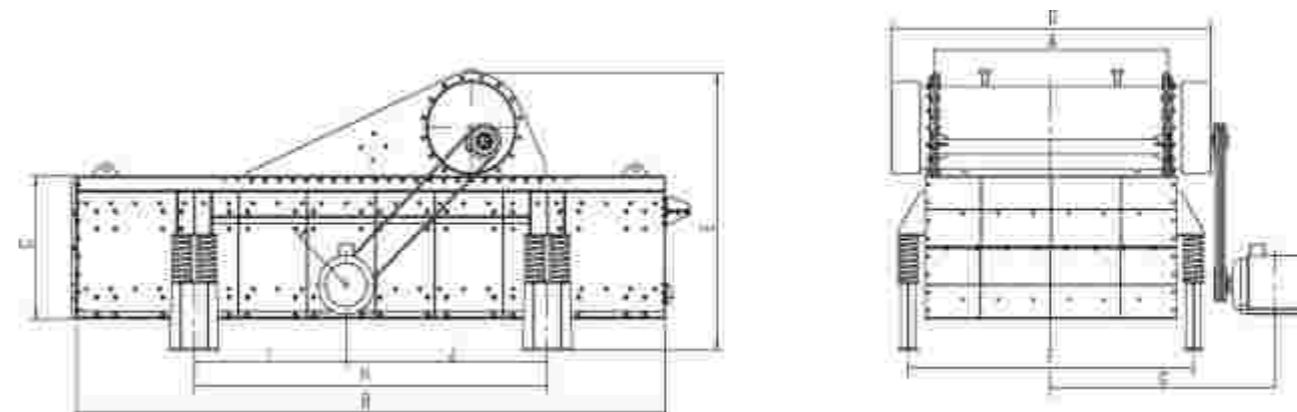
SLH vibration screen machine is a horizontal screen, which has two unbalanced eccentric axes to produce a strong horizontal vibration force, with a large processing capacity, to avoid stone blocking is widely used for screening a small size of the stone.

- ◆'s advanced design makes this model have a strong centrifugal force, allowing the stone to move steadily.
- ◆ is suitable for washing stone and washing sand, through high efficiency, separate uniform stone screening efficiency.



结构图

Structural drawing



主要技术参数

Main technical Specification

型号 Model	筛面尺寸 Screen Size (mm)	层数 Decks	尺寸 (mm) Dimension										功率 Motor Rating (kw)	重量 Weight (kg)
			A	B	C	D	E	F	G	H	I	J		
SLH924D	900 × 2400	2	900	2400	720	1315	1380	1240	1011	1906	893	1013	5.5	1620
SLH1230D	1200 × 3000	2	1200	3000	750	1689	1547	1632	1291	2400	1279	1121	11	2550
SLH1230T	1200 × 3000	3	1200	3000	1000	1689	1808	1632	1282	2400	1438	962	11	2950
SLH1536D	1500 × 3600	2	1500	3600	750	2016	1630	1920	1375	2392	1539	856	15	3400
SLH1536T	1500 × 3600	3	1500	3600	1100	2016	1990	1920	1510	2800	1795	1005	18.5	4650
SLH1848D	1800 × 4800	2	1800	4800	1000	2546	2117	2306	1794	3350	1937	1413	30	6900
SLH1848XT	1800 × 4800	3	1800	4800	1540	2546	2647	2315	1792	2900	1021	1879	37	8050
SLH2160XD	2100 × 6000	2	2100	6000	1240	2852	2347	2606	1929	3710	2291	1409	37	8900
SLH2160XT	2100 × 6000	3	2100	6000	1540	2852	2681	2606	1970	3600	1538	2062	45	11500
SLH2460XD	2400 × 6000	2	2400	6000	1400	3250	2632	2906	2192	3600	1535	2066	45	10550
SLH2460XT	2400 × 6000	3	2400	6000	1800	3250	2985	2906	2192	3600	1524	2076	55	12400



洗砂脱水及细砂回收篇
Washing and
Fine sand recycle

- 58 RXL螺旋洗砂机系列
RXL Spiral Sand Washer Series
- 59 XSD轮式洗砂机系列
XSD Wheel Sand Washer Series
- 60 TSS脱水筛系列
TSS Dewatering Screen
- 61 TXH细砂回收脱水一体机系列
TXH Dewatering and sand-recycle machine
- 62 XSH细砂回收机系列
XSH Fine Sand Recycle Machine

RXL螺旋洗砂机系列

RXL Spiral Sand Washer Series

产品优势和特点 Advantages and Features

是一种高效洗选设备，主要用于砂石的清洗、分级和脱水，广泛适用于含泥量较高的原砂和机制砂清洗。
具有安装操作简单、维修方便、洗砂效果好等特点。

It is a high efficiency equipment. It applies to the washing, classifying and dehydration. It also applies to the classifying of mineral separating mill. It is widely used in construction and water conservancy. It can be installed easily, convenient for maintenance and good for sand washing.



主要技术参数 Main technical Specification

型号 Type	螺旋叶片直径 Spiral Diameter (mm)	洗矿槽长度 Length of spiral chute (mm)	最大进料粒度 Max. feed size (mm)	处理能力 Capacity (t/h)	最大耗水量 Water consumption (t/h)	电机功率 Motor power (kW)
RXL-500	500	4500	10	15-30	40	3
RXL-750	750	6000	10	20-40	60	7.5
RXL-1000	1000	7500	10	30-60	80	11
RXL-1200	1200	7500	10	40-80	100	11
RXL-1500	1500	8300	10	60-100	120	18.5
2RXL-1500	1500	8300	10	100-200	200	18.5×2
RXL-2000	2000	10500	10	125-175	350	30
2RXL-2000	2000	10500	10	250-350	350	30×2

XSD轮式洗砂机系列

XSD Wheel Sand Washer Series

产品简介

Advantages and Features

本系列产品是天然砂以及人工制砂的洗选设备，是配合制砂机使用的一种洗砂设备。轮式洗砂机具有洗净度高、处理量大、物料流失少、节约水资源及投资少等优点。轮式洗砂机的故障率非常的低，使用维护量少，是国内洗砂行业发展的新方向。



It is mainly used for washing, grading and dewatering of sand and foundry sand in construction site, sand and stone plant, concrete dam site of hydropower station, post and telecommunications pole plant, quartz sand in glass plant and pressure sand for oil well backfilling. The utility model has the advantages of high cleaning height, reasonable structure, large handling capacity, small power consumption, less sand loss in the sand washing process, especially the transmission part of the sand washing machine is isolated from water



技术参数

Main technical Specification

型号 Model	电机功率 Motor Power (kW)	减速机 Reducer Model	入选粒度 Weight (mm)	处理能力 Capacity (m ³ /h)
XSD2612型 (2槽) (2cute)	5.5	250.400型	≤10	30-50
XSD2816型 (2槽) (2cute)	7.5	250.500型	≤10	40-60
XSD2818型 (3槽) (3cute)	11	250.500型	≤10	60-80
XSD3020型 (3槽) (3cute)	15	350.650型	≤10	80-100
XSD3024型 (4槽) (4cute)	18.5	350.650型	≤10	100-120
XSD3030型 (5槽) (5cute)	22	400.700型	≤10	120-150
XSD4025型 (3槽) (3cute)	30	400.650型	≤10	200-300
XSD4525型 (3槽) (3cute)	30	500.750型	≤10	280-380

TSS脱水筛系列

TSS Dewatering Screen

产品优势和特点

Advantages and Features

◆适用于冶金、煤炭、砂石等行业的高负荷分级、脱水、脱介作业；一般入料粒度≤50mm；

◆筛网可选择不锈钢条，筛板或聚氨酯筛网。

◆ is suitable for high load classification, dehydration and stripping operation in metallurgy, coal, sand and other industries; generally the feed grain size is less than 50mm;

◆ screen can select stainless steel strip, sieve plate or polyurethane screen.



主要技术参数

Main technical Specification

型号 Model	筛面宽度 Width (mm)	筛面长度 Length (mm)	倾角 Inclination angle (°)	振动次数 Vibrating Frequency (min ⁻¹)	双振幅 Double amplitude (mm)	功率 Motor Power (kW)
TSS1536	1500	3000	0 (-5、+5)	960	4-6	2×3
TSS1840	1800	4000	0 (-5、+5)	960	4-6	2×3.7
TSS2040	2000	4000	0 (-5、+5)	970	4-6	2×5.5
TSS2440	2400	4000	0 (-5、+5)	970	4-6	2×5.5
TSS2460	2400	6000	0 (-5、+5)	970	8-10	2×22

TXH细砂回收脱水一体机

TXH Dewatering and sand-recycle machine

产品优势和特点 Advantages and Features

TXH细砂回收一体机广泛应用于砂石骨料加工系统、人工制砂生产线、选煤厂粗煤泥的回收胶水及环保工程（泥浆净化等）等，可有效的解决细砂回收问题。

TXH细砂回收一体机结构：由电机、渣浆泵、旋流器、振动筛、清洗槽、返料箱等组成。

TXH细砂回收一体机工作过程：将砂水混合物输送到旋流器，离心分级浓缩的细砂经沉砂嘴提供给振动筛脱水后，细砂与水有效分离，少量细砂、泥等经返料箱再回到清洗槽，清洗槽液面过高时，经出料口排出。直线振动筛回收物料重量浓度为70-85%。

调节细度模数可通过改变泵转速、改变砂浆浓度、调节溢水量、更换出砂嘴来实现，从而完成清洗、脱水和分级三种功能。

TXH fine sand recovery machine is widely used in sand and stone aggregate processing system, artificial sand production line, coal preparation plant crude coal slime recovery glue and environmental protection engineering (mud purification, etc.), which can effectively solve the problem of fine sand recovery.

TXH fine sand recovery machine structure: composed of motor, slurry pump, cyclone, vibration screen, cleaning tank, return box, etc.

TXH fine sand recovery machine: the sand water mixture is transported to the cyclone, the centrifugal grade concentrated fine sand is provided to the vibrating dehydration by the sand settling mouth, and the fine sand and water are effectively separated from the water. A small amount of fine sand and mud are returned to the cleaning tank after the return tank is too high, and the liquid level is discharged through the outlet port. The weight concentration of linear vibrating sieve recycled material is 70-85%.

The fineness modulus can be achieved by changing the pump speed, changing the concentration of mortar, adjusting the overflow, replacing the sand mouth, so as to complete the cleaning, dehydration and grading three functions.



主要技术参数

Main technical Specification

型号 Model	脱水筛规格 Screen Size (mm)	旋流器规格 Hydrocyclone Model	配用水泵 Slurry Pump (mm)	脱水筛 电机功率 Motor rating of Screen (kW)	渣浆泵 电机功率 Motor Power of Pump (kW)	处理废水量 Waste water amount (m ³ /h)	通过量 Capacity of Screen (t/h)
TXH1840	1800 × 4000	300型*2台	6寸泵	3.7*2	22	90-180	60-80
TXH2040	2000 × 4000	350型*2台	6寸泵	5.5*2	30	120-210	70-100
TXH2440	2400 × 4000	350型*2台	6寸泵	5.5*2	37	120-210	120-160
TXH2460	2400 × 6000	500型*2台	8寸泵	22*2	55	280-440	170-240

XSH细沙回收机系列

XSH Fine Sand Recycle Machine

产品优势和特点 Advantages and Features

◆传统人工砂湿法加工工艺中，人工砂的洗泥、脱水采用螺旋洗砂机，人工砂中细砂的流失几乎不能控制。采用该细砂回收装置，可以有效降低细砂的流失量，使其控制在5-10%之内。很好地解决了人工骨料加工系统中出现的成品砂细度模数偏高、石粉含量偏低的难题。

◆振动筛采用聚氨酯筛网，聚氨酯筛网较它类型筛网寿命更长，且不易堵塞。

◆旋流器内衬聚氨酯，提高了整个装置的使用寿命，可顺利完成料浆浓缩、液体澄清等工作。

◆最大可回收排放总量中85%的细颗粒物料，具有其他设备无可比拟的技术和经济优势。

◆工作过程：泵将砂水混合物输送至旋流器，离心分级浓缩的细砂经沉砂嘴提供给振动筛，经振动筛脱水后细砂与水有效分离，少量细砂、泥等经返料箱再回到清洗槽，清洗槽液面过高时，经出料口排出直线振动筛回收物料重量浓度为70%-85%。调节细度模数可通过改变泵转速、改变砂浆浓度、调节溢流量、更换出砂嘴来实现。从而完成清洗、脱水和分级三种功能。



◆ In the traditional artificial sand wet processing process of , the washing mud and dehydration of the artificial sand use the spiral sand washing machine, and the loss of the fine sand in the artificial sand almost cannot be controlled. The fine sand recovery device can effectively reduce the loss of fine sand and control it within 5-10%. It well solves the problem of high finished sand fineness modulus and low content of stone powder appearing in the artificial aggregate processing system.

◆ The vibrating screen adopts polyurethane screen, which has a longer life than its type of screen, and is not easy to block.

◆ The cyclone is lined with polyurethane, which improves the service life of the whole device, and can successfully complete the slurry concentration, liquid purification and other work.

◆ The has 85% of the maximum recoverable total emission of fine particulate matter material, and has incomparable technological and economic advantages to other equipment.

◆ working process: pump the sand water mixture to the cyclone, centrifugal grade concentrated fine sand by sand mouth to vibrating sieve, the vibration sieve after the dehydration of fine sand and water, a small amount of fine sand and mud back to the cleaning tank, cleaning tank level is too high, through the outlet discharge straight vibrating sieve recycled material weight concentration is 70% -85%. The fineness modulus can be achieved by changing the pump speed, changing the concentration of mortar, adjusting the overflow water, and replacing the sand mouth. Thus complete the cleaning, dehydration and grading three functions.

主要技术参数

Main technical Specification

型号 Type	功率 (kW) Power	渣浆泵(kW) Pump Motor power	旋流器 Hydrocyclone
XSH1230	2.4 × 2	4/3C-AH-15	450
XSH1540	3.2 × 2	4/3D-AH-22	500
XSH1840	3.2 × 2	4/6D-AH-30	350 × 2
XSH2040	3.7 × 2	4/6D-AH-37	450 × 2
XSH2440	5.5 × 2	4/6D-AH-37	500 × 2

工程实例

Project case



荆门年产2000万吨石灰石破碎生产线（智能矿山）

Jingmen annual output of 20 million tons of limestone crushing production line (smart mine)



江西时产1000~1200吨石灰石破碎全骨料水洗生产线

Jiangxi 1000~1200 tons per hour of limestone crushing aggregate and washing line

Http://www.szjjkj.com

工程实例

Project case



天门时产300吨干法精品制砂生产线 (EPC项目)
Tianmen 240~300 tons per hour (EPC Project) sand-wake line



荆州时产500吨鹅卵石破碎制砂洗选生产线
Jingzhou produces 500 tons per hour of pebble crushing and sand washing line



宜昌时产500~700吨鹅卵石原砂洗选及破碎整形生产线
Yichang 500~700 tons per hour of pebble raw sand washing and crushing line

工程实例

Project case



宜都时产300吨洞渣尾矿处理生产线
Yidu Time produces 300 tons per hour of mining waste treatment line



化工集团时产500吨磷矿石破碎生产线
Chemical group produces 500 tons per hour of phosphate ore crushing line



松滋时产150吨固废垃圾处理生产线
Songzi 150 tons per hour of solid waste treatment line



宜昌时产500吨花岗岩破碎生产线
Yichang-time 500 tons per hour of granite crushing line

工程实例 (海外项目) (over seas project)

Project case



南非时产500吨锰矿生产线
South Africa 500 tons per hour of manganese ore crushing line



格鲁吉亚时产300吨花岗岩破碎生产线
Georgia's 300-ton per hour granite crushing line



莫桑比克时产150吨花岗岩生产线
Mozambique 150 tons per hour of granite crushing line



卢旺达时产150吨花岗岩生产线
Rwanda's 150-ton per hour granite crushing line

制造装备

Manufacturing equipment



全自动下料区



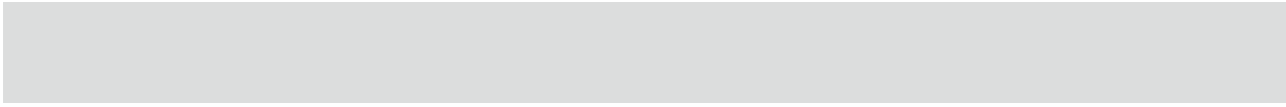
重型机械加工区



机械加工区



机械加工区



装配试车区



成品区全景



半成品区



产品制造区



仓储区



产品制造区



仓储区



半成品区

客户 服务

Customer Service

客户至上，服务领先。
打造最贴心的钥匙，开凿顽石，开启市场。

Customer first, service leader.
Creating most suitable products, improving technology and developing market constantly.

售前服务

- 1、根据顾客的需要，破碎物料的特点及成品的用途、粒度、产量等，为用户进行选型参考，提供设备配置方案。
- 2、设备配置方案经顾客同意后，技术人员到顾客现场进行勘察测量，为顾客进行最经济的设备工艺布置 方案设计。

售中服务

- 1、顾客与代理商洽谈签约或直接到金津矿机考察、洽谈、签约。
- 2、提供设备工艺布置图和设备基础条件图。
- 3、顾客设备土建基础动工前，为顾客进行基础放线。
- 4、顾客只购买物料破碎生产线的主机部分，技术设计仍由金津矿机提供，同时提供相应结构件图纸等服务。
- 5、顾客提货时，金津矿机可代办运输，设备安全运抵目的地后，派技术人员到现场进行指导安装、调试，培训操作人员直到达标达产，顾客满意为止。

售后服务

- 1、金津矿机设备实行“三包”，保修期一年（易损件和人为因素损坏除外），终身维护。
- 2、保修期内接到客户的故障电话，2小时提供解决方案，需要技术人员现场处理的，国内12-48小时内到达现场，协助排除故障直至恢复正常生产为止。
- 3、及时优质优价提供产品配件供应
- 4、定期回访，对客户进行满意度调查，了解设备的使用情况，向客户介绍破碎筛分设备的新技术、新产品。

安装现场 Installation site



MINING MACHINERY

Before-sale Service

1. For customers, We'll recommend the suitable plan according to the characteristics of materials, the application of finished products, grain size, capacity.
2. After the plan is agreed by the customer, will survey the site, and recommend the most economic design. Processing site



In-sale Service

1. Customer signs contract with agent or directly to visit Jinjin mining machinery factory.
2. Provide with equipment drawings and construction drawings.
3. Advice before building construction.
4. If the user only buy the main parts of crushing production line, the technical design, together with related structure drawings and conveyor drawings.
5. Products delivery could be provided by Jinjin Mining Machinery Co., Ltd, and necessary technicians will introduce, debug at site.



加工现场 Processing site

回访客户 Customer review



After-sale Services

1. Jinjin Mining Equipments are with "Three Guarantees", one year warranty (excluding wearing parts) maintenance for life.
2. During the warranty period, customers will get solution plan in 1 hour after call. And we'll send technicians if necessary in 12-48 hours.
3. Spare parts are available at competitive prices and in time.
4. We arrange Regular visits, conduct customer satisfaction surveys, to know the running condition of equipments, and introduce new technologies and new products.