



AOWEI MACHINERY PRODUCT BROCHURE
奥维机械产品手册



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AOWEI



公司介绍

■ 1958 年成立于中国洛阳市。作为知名制造商，我们集研发、制造、销售和服务于一体，拥有 60 多年的经验。

■ 专注于破碎和研磨机械的产品和技术开发。致力于提供定制化的破碎和研磨系统的专业解决方案。

■ 获得专利技术 55 项，注册商标 4 项。曾参与制订多项矿山产品的国家和行业标准。

■ 自 2004 年从事国际贸易以来，完成过数百个国内外项目，尤其是在建筑破碎和矿物破碎设备领域。年销售额超过 5000 万美元。

■ 具有专业的国际贸易经验和国际招投标经验，可以接受各种付款方式，如 T/T、L/C At Sight、Deferred L/C、DA、DP 等。

ABOUT US

■ Founded in 1958 in Luoyang, China. As a well-known manufacturer, we integrate R&D, manufacturing, sales and service, with more than 60 years of experience.

■ Focus on the product and technology development of crushing and grinding machinery.

Committed to providing professional solutions for customized crushing and grinding systems.

■ Obtained 55 patented technologies and 4 registered trademarks. Participated in the formulation of several national and industry standards for mining products.

■ Since trading all over the world from 2004, we have completed hundreds of projects, especially in the field of construction crushing and mineral crushing equipment. Annual sales exceed 50 million USD.

■ With the professional experience of international trading and bidding, we accept various payment terms, such T/T, L/C At Sight, Deferred L/C, DA, DP etc.



■ 可承接每小时 100~2000 吨的建材或其他行业生产线，是一家包括主机设备、集中控制、输送和非标件的生产 and 安装等业务为一体的综合性现代化生产的高新技术企业。所有制造的设备均获得 ISO9001 和 CE (EU) 认证。

■ 拥有现代化加工车间 20000 多平方米和 5 个生产车间，各种生产加工设备 150 台套，具备年产 300 台套的生产能力。制造的设备可广泛用于冶金、矿山、建材、交通、水电、钢铁、建筑、能源材料、冶金渣、建筑垃圾处理等行业的砂、骨料生产和各种矿物的破碎加工。

■ Manufacturing the 100-2000 tons per hour production line for building materials or other industries, we are a comprehensive modernized production high-tech enterprise that includes host equipment, centralized control, transportation, production and installation of non-standard parts and other services. All manufactured equipments are ISO9001 and CE (EU) certified.

■ With more than 20,000 square meters of modern processing workshops and 5 production workshops, 150 sets of various production and processing equipment, with annual production capacity of 300 sets. The manufactured equipment can be widely used in the production of sand and aggregates and the crushing and processing of various minerals in metallurgy, mining, building materials, transportation, hydropower, steel, construction, energy materials, metallurgical slag, construction waste disposal and other industries.



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M A C H I N E R Y

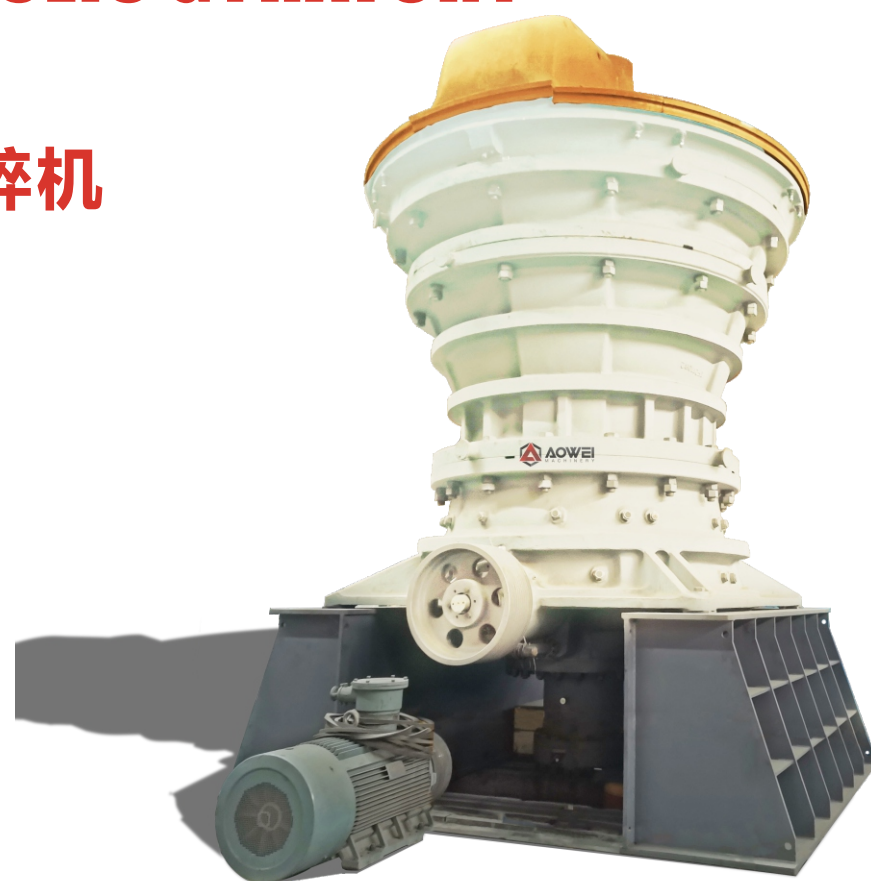


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GC HYDRAULIC GYRATORY CRUSHER

GC旋回破碎机



► Description/产品概述

The GC Hydraulic Gyratory Crusher is a primary crushing equipment suitable for large mining and quarrying projects, with features of high production and quality crushing. The unique deep cavity and long feeding inlet design ensure smooth feeding, high efficiency, high crushing ratio and uniform particle size of the finished product. It can handle various ores and rocks with different hardness, viscosity, and moisture content. It is suitable for raw material crushing and processing in various industries, including mining, hydropower, metallurgy, construction, chemical, cement, ceramics, highway, and railway construction.

GC旋回破碎机是适用于超大型矿山和采石项目的初级破碎设备。具有高产量和高品质的破碎特性。其独特的深腔长进料口设计，使得进料平稳、连续破碎处理量大、破碎效率高、破碎比大、成品粒度均匀。可处理多种硬度、粘度和湿度的矿石和岩石。适用于矿山、水电、冶金、建筑、化工、水泥、陶瓷、公路和铁路建设等领域的原料破碎和加工。

► Advantages/产品优势

- By using the rotary crushing method, enables continuous, efficient production.
 - The main shaft positioning control system make the particle size adjustable.
 - High-strength alloy cast steel material for longer and stable service life.
 - With balance cylinder system and overload protection for stability and safety.
 - Equipped with positive pressure dust-proof system for longer equipment lifespan and cleaner environment.
 - Easy maintenance design reduces downtime and improves production efficiency.
- 采用旋转破碎方式，可实现连续、高效的生产。
 - 主轴定位控制系统方便调整粒度可调。
 - 高强度合金铸钢材料，使用寿命更长更稳定。
 - 平衡气缸系统和过载保护，确保稳定性和安全性。
 - 配套正压防尘系统，延长设备使用寿命，提高生产环境的卫生标准。
 - 易于维护的设计减少停机时间，提高生产效率。

► Applications/应用领域

The GC Hydraulic Gyratory Crusher is primarily used for primary crushing operations of materials with high hardness, such as ores, slag, and coal. Additionally, it can also be used for processing non-metallic substances such as construction waste and waste materials.

旋回破碎机主要用于处理硬度较高的矿石、矿渣、煤炭等物料的初级破碎作业。此外，旋回破碎机还可用于处理建筑垃圾、废弃物料等非金属物质。

► Technical Parameters/技术参数

Model 规格型号	Inlet Size 进料口 尺寸 (mm)	Speed 传动轴 转速 (r/min)	Max Power 最大功率 (kW)	Capacity(t/h) / Outlet Size(mm) 处理能力(t/h) / 紧边排料口(mm)										
				125 mm	140 mm	150 mm	165 mm	175 mm	190 mm	200 mm	215 mm	230 mm	240 mm	250 mm
GC42-65	1065	600	375		2000	2320	2500	2860						
GC50-65	1270	600	375			2380	2770	2920						
GC54-75	1370	600	450			2870	2970	3130	3320					
GC62-75	1575	600	450			2880	3600	3800	4200					
GC60-89	1525	600	600				4180	4530	5070	5220	5800			
GC60-11	1525	600	1200					5520	6930	7560	8270	8580	8880	

The equipment data is subject to the actual situation, and the charts are only theoretical reference data. 设备数据以实际为准，图表仅为理论参考数据。

RC JAW CRUSHER

RC颚式破碎机



► Description/产品概述

The RC Jaw Crusher is a new type of European jaw crusher that is optimized in terms of structure, material selection, process, and assembly. Its unique structure and superior performance make it the preferred equipment for crushing various hard and highly corrosive rock minerals in the crushing industry. It is widely used in the mining, metallurgy, construction materials, highway, railway, water conservancy, chemical and refractory materials industries, as well as ceramics industry.

RC颚式破碎机是一种全新的欧版颚式破碎机，它经过了多方面的优化设计和制造，包括结构、选材、工艺以及装配等方面。其独特的结构和卓越的性能使得它成为了破碎各种坚硬和强腐蚀性岩石矿物的最佳设备选择。被广泛用于采矿、冶金、建筑材料、公路、铁路、水利、化工和耐火材料及陶瓷等行业。

► Applications/应用领域

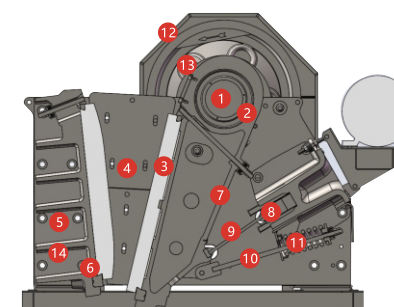
Jaw crusher can process various types of materials, including limestone, granite, marble, basalt, iron ore, river pebble, shale, bluestone, slag, coal, and construction waste, etc.

颚式破碎机可以处理许多不同种类的物料，包括石灰石、花岗岩、大理石、玄武岩、铁矿石、河卵石、页岩、青石、矿渣、煤炭和建筑垃圾等。

► Advantages/产品优势

- Heavy-duty design suitable for processing various types of sand, stone aggregates, and minerals.
 - Three different installation structures are available, suitable for a wide range of working conditions.
 - Large nip angle, reasonable stroke, and high speed enable larger output during operation.
 - Large size bearings can bear greater loads and have a longer service life.
 - Wedge-shaped discharge adjustment structure allows for quick and convenient adjustments.
 - Integration of the mainframe and motor with the foundation through rubber vibration pads.
- 重型化设计，适用于各种砂石骨料和矿物加工
 - 三种不同的安装结构方式，适用于广泛的工况条件
 - 大啮角，合理冲程，高转速，使工作时产量更大
 - 大规格轴承，承载更大，使用寿命更长
 - 楔块式排料调整结构，调整更加快捷方便
 - 主机与电机一体化安装，通过橡胶减振垫与基础连接

► Main Structure/产品结构



- ① Eccentric Shaft 偏心轴
- ② Bearing 轴承
- ③ Swing Jaw Plate 活动颚板
- ④ Upper Side Plate 上边护板
- ⑤ Frame 机架
- ⑥ Fixed Jaw Plate 固定颚板
- ⑦ Swing Jaw 动颚
- ⑧ Toggle Seat 肘板垫
- ⑨ Toggle Plate 肘板
- ⑩ Tension Rod 拉杆
- ⑪ Tension Rod Spring 拉杆弹簧
- ⑫ Flywheel 飞轮
- ⑬ Side Plate 护板
- ⑭ Lower Side Plate 下边护板

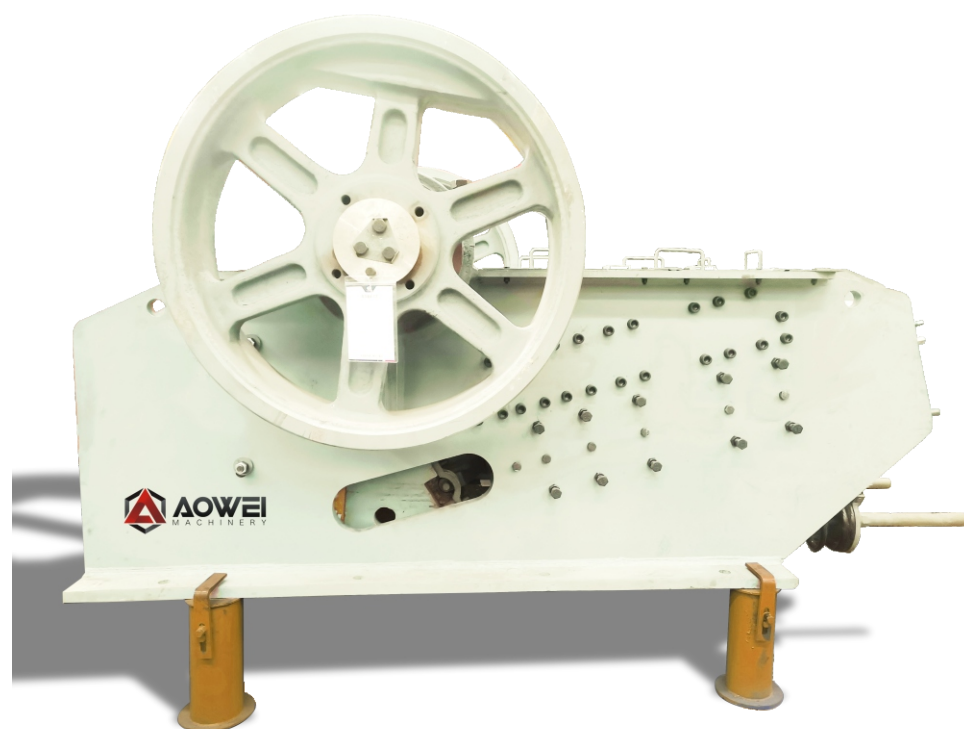
► Technical Parameters/技术参数

Model 规格型号	Inlet Size 进料口尺寸 (mm)	Max Feed Size 最大进料 粒度 (mm)	CSS Min- Max 紧边排料口 (mm)	Speed 转速 (r/min)	Capacity 处理能力 (t/h)	Power 电机功率 (kw)	Weight 产品重量 (t)
RC80	510×800	430	40~175	350	65~380	75	7.67
RC96	580×930	490	60~175	330	120~455	90	9.759
RC100	760×1000	640	70~200	260	150~545	110	20.06
RC106	700×1060	600	70~200	280	155~580	110	14.35
RC110	850×1100	720	70~200	230	190~625	160	25.8
RC125	950×1250	810	100~250	220	290~845	160	45
RC140	1070×1400	910	125~250	220	385~945	200	54
RC160	1200×1600	1020	150~300	220	520~1275	250	82
RC200	1500×2000	1300	175~300	200	760~1590	400	137.2

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PEY HYDRAULIC JAW CRUSHER

PEY 液压颚式破碎机



► Description/产品概述

The PEY Hydraulic Protection Jaw Crusher is a type of crushing equipment that features overload protection capabilities. In situations where the crusher encounters unbreakable objects, the machine load increases rapidly. However, the device is fitted with hydraulic protection equipment, which automatically unloads in an instant to prevent the sudden surge in load from impacting the body. This effectively addresses the issue of "steel blockages" in crushed materials. The equipment is primarily used in the crushing and processing of metallurgical slag.

PEY 液压保护颚式破碎机是一种具有过载保护功能的破碎设备。当破碎机遇到无法破碎的物体时，机器的负荷会急剧上升，但是该设备配备了液压保护装置，能够在瞬间自动卸荷，避免突然增大的负荷对机体造成的冲击。这有效地解决了破碎物料中的“卡钢”问题。该设备多用于冶金渣的破碎加工。

► Advantages/产品优势

- The rated load can be settled, to selectively crush materials with different compressive strengths..
 - Equipped with reliable protection to automatically eject unbreakable materials, which effectively solving the problem of "stuck steel" when steel slag crushing.
 - Reset automatically After iron removal, and achieve continuous production without stopping.
 - With single hydraulic cylinder supported by the hydraulic station, allows adjustable discharge port, discharge unbreakable materials, and protects machine from damage.
 - With the hydraulic station and the PLC automatic control system.
 - Equipped with position sensors, effectively display the discharge size.
- 任意设定机器额定负荷，用于对含有不同抗压强度的物料做选择性破碎。
 - 配备可靠的保护装置，自动排出不可破碎物，有效解决了钢渣破碎中的“卡钢”问题。
 - 排铁后自动复位，可实现不停机连续生产。
 - 液压站支撑下的单液压缸，出料口可调，可排出不可破碎物，保护机器不受损坏。
 - 自带液压站、PLC自动控制系统。
 - 装有位置传感器，能有效显示排料尺寸

► Applications/应用领域

The Hydraulic Protection Jaw Crusher is widely used in steel slag processing plants and is mainly employed for coarse to medium crushing of steel slag.

液压保护颚式破碎机被广泛应用于钢渣处理厂，多用于对钢渣进行粗、中碎的作业。

► Technical Parameters/技术参数

Model 规格型号	Max Feed Size 最大进料粒度 (mm)	CSS Min- Max 紧边排料口 (mm)	Capacity 处理能力 (t/h)	Power 电机功率 (kw)	Cylinder Stroke 油缸最大行程 (kW)
PEY300×1300	250	30~90	15~70	75	150
PEY400×600	340	40~100	16~40	30	150
PEY400×750	340	20~80	20~50	45	150
PEY500×750	380	50~100	40~68	55	200
PEY600×900	500	75~150	60~120	75	200
PEY750×1060	630	80~200	110~150	110	320
PEY900×1200	750	100~250	140~280	132	320

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RGPS SERIES SINGLE CYLINDER CONE CRUSHER

RGPS系列单缸圆锥破碎机



► Description/产品概述

The RGPS series single-cylinder cone crusher is a new type of cone crusher developed by our company by absorbing and digesting domestic and foreign technologies and combining machinery, electricity, hydraulics, etc. This equipment adopts a high-strength cast steel frame, an alloy forged main shaft, a high-precision spiral gear transmission structure, and a variety of strokes and cavity types to perfectly reflect the performance and advantages of the equipment and can be applied to the secondary crushing of a variety of hard rocks. During operation, fully meet the various crushing needs of customers.

RGPS系列单缸圆锥破碎机是我公司吸收和消化国内外技术并结合机、电、液等研发的一款新型圆锥破碎机。该设备采用了高强度铸钢机架，合金锻造主轴，高精度螺旋齿轮传动结构，结合多种冲程和腔型，使设备性能和优势得以完美体现，可以应用于多种硬岩的二段破碎作业中，充分满足客户的多种破碎需求。

► Applications/应用领域

应用领域、适用物料 Application Areas & Applicable Materials

应用领域：广泛应用于金属和非金属矿、水泥、砂石、冶金等行业

Application areas: Widely used in metal and non-metal minerals, cement, sand and gravel, metallurgy and other industries

适用物料：河卵石、花岗岩、玄武岩、石灰石、石英石、辉绿岩、铁矿、金矿、铜矿等

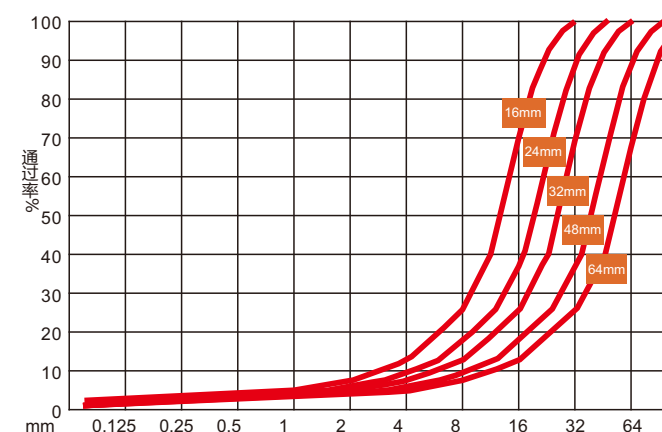
Applicable materials: River pebbles, granite, basalt, limestone, quartz stone, diabase, iron ore, gold ore, copper ore, etc.

► Advantages/产品优势

- 高可靠性：优化和改进产品结构、材质、加工及装配工艺，从而保障了主机使用时的可靠性
- High reliability: Optimize and improve product structure, materials, processing and assembly processes, thereby ensuring the reliability of the host during use.
- 高生产效率：科学合理的破碎腔型、偏心距、动锥摆频及层压破碎原理相结合，通过量更大，产品粒型好、能耗低
- High production efficiency: scientific and reasonable crushing cavity shape, eccentricity, moving cone swing frequency and lamination crushing principle are combined to achieve larger throughput, good product particle shape and low energy consumption.
- 适应性广：根据不同的进料和成品料尺寸，匹配合理的腔型，采用钢底架或电机与主机一体安装，使安装设备省时，成本更低
- Wide adaptability: According to different feed and finished material sizes, a reasonable cavity shape is matched, and a steel chassis or motor is installed integrally with the host, so that the installation equipment saves time and lowers the cost.
- 低运行成本：特殊设计的腔型和衬板材料，使衬板利用率更高，配备有正压防尘系统，保障主机内部润滑油不受粉尘污染
- Low operating cost: The specially designed cavity and lining material make the lining utilization rate higher. It is equipped with a positive pressure dust-proof system to protect the internal lubricating oil of the main engine from dust pollution.

► Technical Parameters/技术参数

粒度特性曲线 Particle size characteristic curve

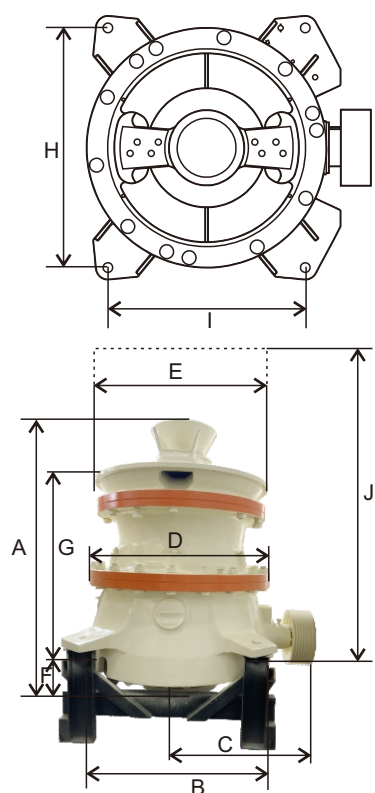


给料口尺寸(单位mm) Feeding Size(Unit mm)

腔型	RGP100S	RGP300S	RGP500S
M	200mm		
C	250mm	280mm	380mm
EC		380mm	500mm

注：M=中腔型，C=粗腔型，EC=特粗腔型

Product Dimensions and Weight/产品外形及重量



型号	RGP100S	RGP300S	RGP500S
总质量 (Kg*)	7350	16200	35000
维护期间重量 (Kg)	2500	5200	11000
尺寸 (mm)			
A	2328	2546	3227
B	Φ1300	Φ1860	Φ2300
C	908	1401	1587
D	Φ1320	Φ1820	Φ2330
E	Φ1360	Φ1686	Φ2330
F	566	499	1275
G	1442	1582	2100
H	1400	1700	2225
I	1090	1400	1676
J**)	2416	2550	3756
J***)	2600	3230	4420
电机总功率	75-90	200-250	200-355
Stroke Options	16,20,25	18,25,28,32,36,40	18,25,28,32,36,40

注: 1、*): 不带配件的基本机器, 给出的重量带有最重的破碎腔
 2、**): 从减震块到料斗顶部
 3、**): 从减震块到带有上机架的给料斗顶部

Output And Technical Parameters/产量和技术参数

RGP100S	冲程Stroke	排料口Discharge port(c.s.s)						
		20mm	25mm	30mm	35mm	40mm	45mm	50mm
	16mm	80~90	105~115	120~130	135~145	145~165	155~175	
	20mm		120~130	145~155	160~180	170~200	185~215	
	25mm			185~195	200~220	210~230		

RGP300S	冲程Stroke	排料口Discharge port(c.s.s)						
		20mm	25mm	30mm	35mm	40mm	45mm	50mm
	18mm		170~190	170~210	190~230	210~255	235~275	255~295
	25mm			220~270	255~315	290~345	320~350	330~350
	32mm				360~400	380~420	400~440	
	40mm					450~500	480~530	

RGP500S	冲程Stroke	排料口Discharge port(c.s.s)						
		45mm	50mm	55mm	60mm	65mm	70mm	75mm
	18mm	300~350	325~375	375~425	400~450	425~475	450~500	500~550
	25mm		500~550	550~600	600~650	650~700	700~750	750~800
	32mm		650~700	700~750	750~800	825~875	900~950	
	40mm				900~950	970~1050		

注: 1、生产能力为含水量不超过4%、不含粘土、给料粒度级配适当, 小于排料口的物料占给料总量10%以下, 给料在破碎腔四周均布, 物料松散密度为1.6t/m³的岩石开路设计时的通过量。

2、在闭路作业条件下, 设备能力比开路作业高15%-30%。由于所选设备偏心量、破碎比、给料硬度、给料粒度组成, 给料含水量、含泥量等都会影响破碎机的生产能力, 所以对具体的应用情况请向我们进一步咨询。

Note: 1、The production capacity is that the moisture content does not exceed 4%, does not contain clay, and the feed particle size is appropriately graded. Materials smaller than the discharge opening

RGP SERIES SINGLE CYLINDER CONE CRUSHER

RGP系列单缸圆锥破碎机



Description/产品概述

The RGP series single-cylinder cone crusher is a new type of cone crusher developed by our company by absorbing and digesting domestic and foreign technologies and combining mechanical, electrical, hydraulic, etc. The equipment adopts a high-strength cast steel frame, alloy forged spindle, high-precision spiral gear transmission structure, combined with a variety of strokes and cavity types, so that the performance and advantages of the equipment can be perfectly reflected, and can be applied to the second-stage and secondary stages of a variety of hard rocks. The three-stage crushing operation fully meets the various crushing needs of customers.

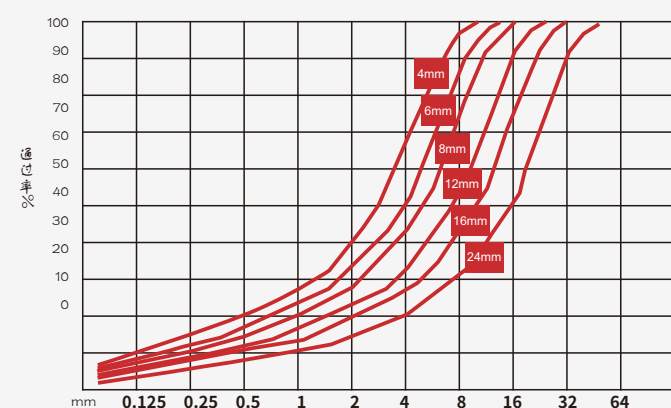
RGP系列单缸圆锥破碎机是我公司吸收和消化国内外技术并结合机、电、液等研发的一款新型圆锥破碎。该设备采用了高强度铸钢机架, 合金锻造主轴, 高精度螺旋齿轮传动结构, 结合多种冲程和腔型, 使设备性能和优势得以完美体现, 可以应用与多种硬岩的二段和 三段破碎作业中, 充分满足客户的多种破碎需求。

Advantages/产品优势

- 高可靠性: 优化和改进产品结构、材质、加工及装配工艺, 从而保障了主机使用时的可靠性
- High reliability: Optimize and improve product structure, materials, processing and assembly processes to ensure the reliability of the host during use
- 适应性广: 根据不同的进料和成品料尺寸, 匹配合理的腔型, 采用钢底架或电机与主机一体安装, 安装设备省时、成本低
- Wide adaptability: According to different feed and finished material sizes, a reasonable cavity shape is matched, and the steel chassis or motor is installed integrally with the host. The installation equipment saves time and costs
- 高生产效率: 科学合理的破碎腔型、偏心距、动锥摆频及层压破碎原理相结合, 通过量大, 产品粒型好、能耗低
- High production efficiency: The scientific and reasonable crushing cavity shape, eccentricity, moving cone swing frequency and lamination crushing principle are combined to achieve large throughput, good product particle shape and low energy consumption.
- 低运行成本: 特殊设计的腔型和衬板材料, 使衬板利用率更高, 配备有正压防尘系统, 保障主机内部润滑油不受粉尘污染
- Low operating cost: The specially designed cavity and lining material make the the lining utilization rate higher. It is equipped with a positive pressure dust-proof system to ensure that the lubricating oil inside the main engine is not contaminated by dust.

Technical Parameters/技术参数

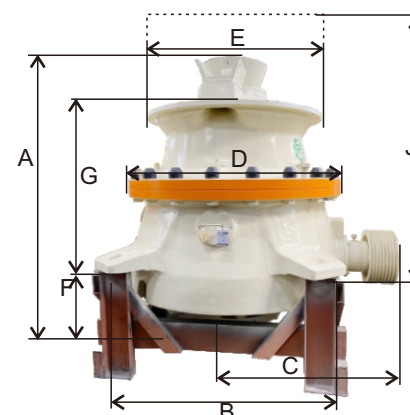
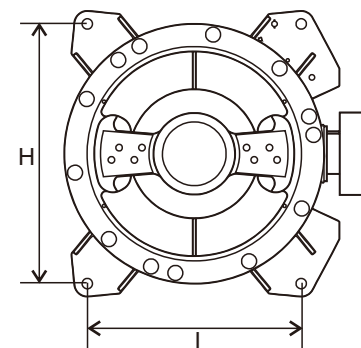
通过率%粒度特性曲线 Particle size characteristic curve 给料口尺寸(单位mm) Feeding Size(Unit mm)



腔型Cavity	RGP100	RGP11	RGP300	RGP500	RGP870	RGP890
EF	40mm	40mm	40mm	50mm	88mm	
F	50mm	80mm	60mm	90mm	99mm	139mm
MF	100mm		100mm	130mm	108mm	149mm
M	130mm	120mm	130mm	180mm	184mm	219mm
MC					236mm	302mm
C	150mm	200mm	180mm	220mm	287mm	382mm
EC			260mm	280mm	350mm	428mm
EC-S				300mm		

注: EF= 特细碎型, F=细碎型, MF= 中细腔型, M= 中腔型, MC= 中粗腔型, C= 粗腔型, EC=特粗腔型, ECS= 特别加粗腔型
 Note: EF= Extra fine crushing type, F=Finely crushed type, MF= Medium and fine cavity type, M= Middle cavity type, MC= Medium coarse cavity type, C= Rough cavity type, EC=Extra rough cavity type, ECS=Special thick cavity type

Product Dimensions and Weight/产品外形及重量



Model型号	RGP100	RGP11	RGP300	RGP500	RGP870	RGP890
总重量Weight, kg*	5800	10700	13400	27000	49800	76000
维护期间重量 Weight during maintenance, kg	1600	3000	3200	7500	/	/
Dimension尺寸(mm)						
A	2038	2383	2181	2771	/	/
B	Φ1300	Φ1649	Φ1860	Φ2300	/	/
C	908	1165	1401	1589	1824	1960
D	Φ1320	Φ1700	Φ1820	Φ2330	/	/
E	Φ1040	Φ1400	Φ1480	Φ1750	2507	2900
F	566	449	499	1275	1200	1720
G	1167	1513	1275	1602	/	/
H	1400	1700	1700	2275	2324	2489
I	1090	1400	1400	1676	2324	2489
J**)	2067	2477	2239	2887	3457	3590
J***)	2250	2660	2920	3550		
电动机功率 Motor power, kw	75~90	132~160	200~250	250~355	500	750
Stroke Options	16,20,25	20,25,30	25,28,32,36,40	25,28,32,36,40,45		

注: 1、*) 不带配件的基本机器, 给出的重量带有最重的破碎腔
 2、**)从减震块到料斗顶部
 Note: 1、*) Basic machine without accessories, weight given with heaviest crushing chamber
 3、**)From the shock absorber to the top of the hopper

Output And Technical Parameters/产量和技术参数

生产能力 (单位: t/h) Capacity (Unit: t/h)

	Stroke	Discharging Opening Size (C.S.S.)							
		8mm	10mm	15mm	20mm	25mm	30mm	35mm	40mm
RGP100	16mm	40~50	45~55	60~70	80~90	85~95			
	20mm	50~55	50~60	70~80	95~105				
	25mm		55~65	75~90	105~120				
RGP11	20mm	80~100	85~105	105~125	120~145	150~170	170~190		
	25mm		100~120	130~150	160~180	180~210			
	30mm			160~180	190~210	210~230			
RGP300	25mm	100~120	110~130	135~155	160~180	190~210	210~235	240~260	
	32mm	110~130	120~150	165~195	195~225	230~260	265~295	300~330	
	40mm		150~170	205~235	245~275	290~320	325~355		
RGP500	25mm		140~160	160~180	190~210	240~250	270~290	210~330	350~370
	32mm			230~250	270~290	310~330	340~370	380~410	430~450
	40mm			290~310	320~340	380~410	430~460	480~510	
RGP870	32~80mm		202~290	236~451	254~484	288~550	311~594	340~650	380~690
RGP890	24~70mm			371~600	420~780	450~1010	500~1100	530~1300	580~1400

注: 1、生产能力为含水量不超过4%、不含粘土、给料粒度级配适当, 小于排料口的物料占给料总量10%以下, 给料在破碎腔四周均匀分布, 物料松散密度为1.60m³的岩石开路设计时的通过量。
 2、在闭路作业条件下, 设备能力比开路作业高15%-30%。由于所选设备偏心量、破碎比、给料硬度、给料粒度组成, 给料含水量、含泥量等都会影响破碎机的生产能力, 所以对具体的应用情况请向我们进一步咨询。
 3、RGP870、RGP890生产能力详细数据请联系技术人员做进一步解答。
 Note: 1. The production capacity is that the moisture content does not exceed 4%, does not contain clay, and the feed particle size is appropriately graded. Materials smaller than the discharge opening account for less than 10% of the total feed. The feed is evenly distributed around the crushing cavity, and the loose density of the material is 1.60 m³ rock opening design throughput.
 2. Under closed-circuit operation conditions, the equipment capacity is 15%-30% higher than that of open-circuit operation. Since the selected equipment eccentricity, crushing ratio, feed hardness, feed particle size composition, feed moisture content, mud content, etc. will all affect the production capacity of the crusher, so please contact us for further consultation on specific applications.
 3. For detailed data on the production capacity of RGP870 and RGP890, please contact technical personnel for further answers.

RHP SERIES MULTI-CYLINDER HYDRAULIC CONE CRUSHER

RHP系列多缸圆锥破碎机



► Description/产品概述

RHP Series Multi-Cylinder Hydraulic Cone Crusher is a new type of multi-cylinder cone crusher that our company has optimized and improved by absorbing and digesting foreign technology and combining it with actual production and use. This equipment has higher production capacity and better product granules. type, higher output.

RHP系列多缸圆锥破碎机是我公司吸收和消化国外技术和结合生产使用现场实情，经过优化改进的一款新型多缸圆锥破碎机，该设备具有更高的生产能力，更优的产品粒型，更高的产量。

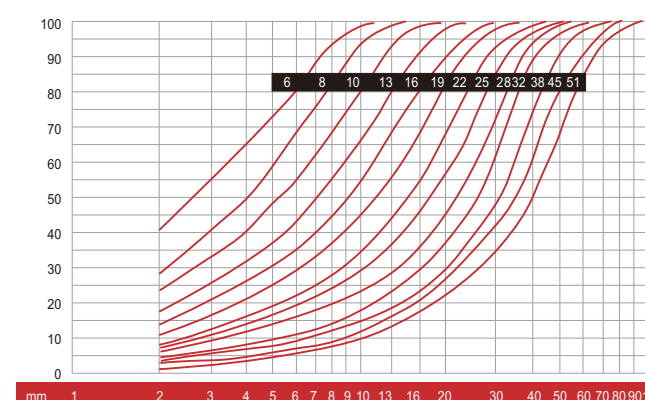
► Advantages/产品优势

- 大偏心距、高摆频及层压缩破碎，使设备产量高，破碎比大，粒型好
- Large eccentricity, high swing frequency and layer compression crushing enable the equipment to have high output, large crushing ratio and good particle shape.
- 定轴式设计，使主机承载更大
- Fixed-axis design enables the host to carry greater load
- 液压回转调整排料方式，更加快捷方便
- Special sealing method ensures the cleanliness of the lubrication system
- 可靠的液压保护，使主机运转时，更加可靠、安全
- Hydraulic rotation adjusts the discharge method, which is faster and more convenient
- 特殊密封方式，保证润滑系统的清洁
- Reliable hydraulic protection makes the host more reliable and safer when running

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► Technical Parameters/技术参数

Particle Size Distribution Curve



► Output And Technical Parameters/产量和技术参数

产量(t/h)Capacity(t/h)

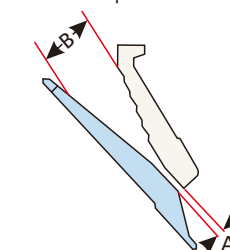
Model	t/h	CSS (mm)									
		10mm	13mm	16mm	19mm	22mm	25mm	32mm	38mm	45mm	51mm
RHP300	t/h	115~140	150~185	180~220	200~240	220~260	230~280	250~320	300~380	350~440	
RHP400	t/h	140~175	185~230	225~280	255~320	275~345	295~370	325~430	360~490	410~560	465~630
RHP500	t/h	175~220	230~290	280~350	320~400	345~430	365~455	405~535	445~605	510~700	580~790
RHP800	t/h	260~335	325~425	385~500	435~545	470~600	495~730	545~800	600~950	690~1050	785~1200

注：1、生产能力为含水量不超过4%、不含粘土，给料粒度级配适当，小于排料口的物料占给料总量10%以下，给料在破碎腔四周均布，物料松散密度为1.6t/m³的岩石开路设计时的通过量。在闭路作业条件下，设备能力比开路作业高15%-30%。

2、由于所选设备破碎比、物料硬度、给料粒度组成、给料含水含泥量等都会影响破碎机的生产能力，所以对具体的应用情况请向我们进一步咨询。

Note: 1、The production capacity is that the moisture content does not exceed 4%, does not contain clay, the feed particle size is appropriately graded, the material smaller than the discharge opening accounts for less than 10% of the total feed, the feed is evenly distributed around the crushing cavity, and the loose density of the material is 1.6 t/m³ rock opening design throughput. Under closed-circuit operation conditions, the equipment capacity is 15%-30% higher than that of open-circuit operation.

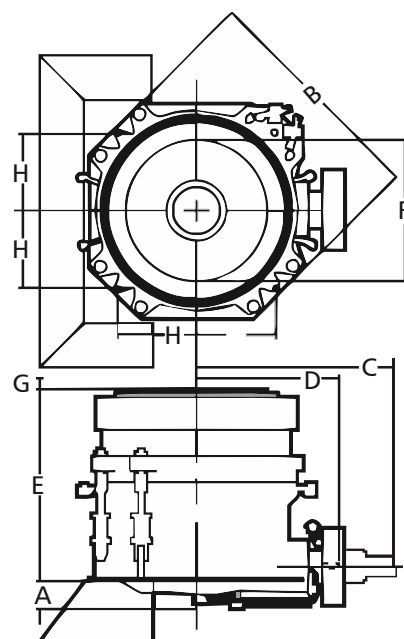
3、 Since the crushing ratio of the selected equipment, material hardness, feed particle size composition, feed water and mud content, etc. will all affect the production capacity of the crusher, so please contact us for further consultation



- 1、最小排料口是指在不引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
 - 2、"B"是在最小排料口"A"的对应的紧边给料口
 - 3、根据设备规格和物料的不同，给料尺寸为"B"的80%范围
1. The minimum discharge opening refers to the minimum discharge opening that can be achieved without causing the adjustment ring to jump. It changes with the nature of the ore and operating conditions.
2. "B" is the corresponding tight edge feeding port at the minimum discharge port "A"
3. Depending on the equipment specifications and materials, the feeding size is 80% of the range of "B"

Product Dimensions and Weight/产品外形及重量

产品外形及重量 Product Dimensions and Weight



外形尺寸(mm)	mm	RHP300	RHP400	RHP500	RHP800
A	mm	328	240	425	722
B	mm	2207	2370	2730	3702
C	mm	2020	2470	2650	3450
D	mm	1347	1645	1760	2225
E	mm	1865	2055	2290	3538
F	mm	1078	1308	1535	1863
G	mm	85	150	125	159
H	mm	660	830	882	1130
主机架排料口的直径 The diameter of the main frame discharge port	mm	1470	1726	2040	2420
重量Weight(KG)					
破碎机总重Total Weight(KG)	kg	15810	23000	33150	68650
定锥/定锥衬板/调整帽/料斗 Fixed cone/ fixed cone liner/ adjusting cap/ hopper	kg	3525	4800	7200	17350
动锥/动锥衬板和给料盘 Moving cone/ moving cone liner and feed pan	kg	2060	3240	5120	10800
功率Power(kw)	kw	200~250	315	315~400	630
传动轴转速 Drive shaft speed(rpm)	rpm	700~1200	700~1000	700~950	700~950

破碎机腔型 (mm) Crusher Cavity Type (mm)

Model	Crusher Cavity Type	Standard Model		Short head crusher	
		Minimum C.S.S.	Feed Opening of tight edge	Minimum C.S.S.	Feed Opening of tight edge
RHP300	EF			6mm	25mm
	F	13mm	107mm	6mm	22mm
	C	17mm	150mm	8mm	53mm
	M	19mm	211mm	10mm	77mm
	EC	25mm	233mm		
RHP400	EF			6mm	52mm
	F	14mm	111mm	8mm	51mm
	C	20mm	198mm	8mm	52mm
	M	25mm	252mm	10mm	92mm
	EC	30mm	299mm		
RHP500	EF			6mm	53mm
	F	16mm	133mm	8mm	52mm
	C	20mm	204mm	10mm	57mm
	M	25mm	286mm	13mm	95mm
	EC	30mm	335mm		
RHP800	F	16mm	219mm	5mm	33mm
	M	25mm	267mm	10mm	92mm
	C	32mm	267mm	13mm	155mm
	EC	32mm	353mm		

注: EF=特细碎型, F=细碎型, C=中腔型, M=粗腔型, EC=特粗腔型
 Note: EF=Extra fine crushing type, F=Finely crushed type, C=Middle cavity type, M=Rough cavity type, EC=Extra rough cavity type

RNP IMPACT CRUSHER

RNP反击式破碎机



Description/产品概述

RNP Impact Crusher is a highly efficient vortex impact crusher developed by our company, suitable for coarse, medium, and fine crushing of materials with a compressive strength not exceeding 250MPa. Its unique vortex crushing cavity enable it to have higher productivity and adjustable product particle size. For large models, a special tool for replacing plate hammers is provided, which can be widely used in mining, construction, cement, metallurgy, and other industries.

RNP反击式破碎机是我公司开发研制的一种高效的涡旋反击式破碎机, 适用于抗压强度不超过250MPa的物料粗、中、细碎。独特的涡旋破碎腔使其具有更高的产能和可调节的产品粒度大小。大型机型还提供板锤更换起吊专用工具, 可广泛应用于矿山、建筑、水泥、冶金等行业。

Applications/应用领域

The Impact Crusher is widely used in various basic construction industries, such as water conservancy and hydropower, high-speed rail, building materials and mines, for processing and crushing building sand and stone aggregates, as well as for coarse, medium, and fine crushing of urban construction waste. The machine is suitable for crushing materials such as limestone, dolomite, and gypsum.

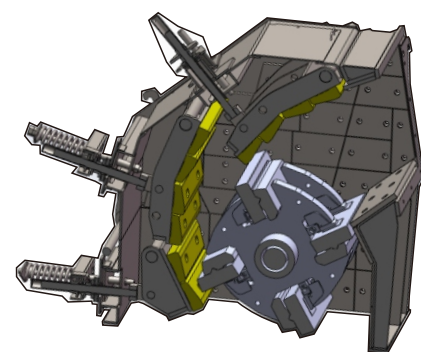
反击式破碎机广泛应用于水利水电、高速高铁、建筑材料矿山等多个基础施工行业的建筑用砂石骨料加工和破碎, 以及城市建筑垃圾的粗、中、细碎处理。该机适用于破碎石灰石、白云石、石膏等物料。

Advantages/产品优势

- With tall spiral crushing cavity providing higher crushing efficiency and greater productivity.
 - It utilizes a rotor body connected with keyed cone sleeves, high-efficiency and wear-resistant plate hammers that are inserted and installed, a unique tooth-shaped impact liner, a multi-directional open-frame, and screw or hydraulic opening devices, which make it easier to replace vulnerable parts and perform maintenance.
 - The high-chromium plate hammers are highly resistant to impact and wear and deliver a strong impact force.
 - The crusher provides comprehensive crushing functions, high productivity, low mechanical wear, and high overall efficiency.
- 高大涡旋破碎腔，使破碎效率更高，产能更大。
 - 采用有键锥套联接的转子体、插入安装的高效耐磨板锤、独特的齿形反击衬板、多方位开门机架、丝杆或液压开启装置等，使设备更换易损件、检修更加方便。
 - 高铬板锤，抗冲击、抗磨损、冲击力大。
 - 破碎功能全、生产率高、机件磨损小、综合效益高。

Technical Parameters/技术参数

Model 规格型号	Max Feed Size 最大进料粒度 (mm)	Discharge Size 排料粒度 (mm)	Capacity 处理能力 (t/h)	Power 电机功率 (kw)
RNP1313	800	0~200	320~480	200
RNP1415	800	0~200	360~600	250
RNP1620	800	0~200	550~930	2×250
RNP2023	800	0~200	1150~1900	2×650
RNP1213	400	0~30	150~280	200
RNP1315	400	0~30	220~350	250
RNP1320	400	0~30	300~400	2×160
RNP1520	400	0~30	350~550	2×250



The equipment data is subject to the actual situation, and the charts are only theoretical reference data. 设备数据以实际为准，图表仅为理论参考数据。

RVSI VERTICAL SHAFT IMPACT CRUSHER

RVSI立式冲击破碎机



Description/产品概述

RVSI Vertical Shaft Impact Crusher (RVSI crusher), also known as sand making machine, utilizes mutual impact or collision between materials and metal impact blocks to achieve self-breaking, and is suitable for processing materials of different hardness. The machine has two types of crushing chamber structures, being suitable for crushing hard and medium-hard materials. It is suitable for a variety of fields, including metal and non-metallic ores, highways, water conservancy, refractory materials, abrasives, glass and ceramic raw materials, and construction aggregates.

RVSI立式冲击破碎机也被称为制砂机，使用相互冲击或物料与金属反击板撞击来实现自我破碎，用于加工不同硬度的物料。该机有两种破碎腔型结构，适用于特硬和中硬材料的破碎加工。适用于金属和非金属矿石、公路、水利、耐火材料、磨料、玻璃陶瓷原料、建筑用骨料等多种领域。

Applications/应用领域

The vertical impact crusher is particularly suitable for processing medium-hard, high-hardness, and abrasive materials such as silicon carbide, diamond, sintered bauxite, and magnesia, and is also applicable to medium-hard, high-hardness, and corrosive materials such as granite, basalt, diabase, and sandstone.

立式冲击破碎机适合处理中硬、特硬和磨蚀性物料，如碳化硅、金刚砂、烧结铝矾土和镁砂，同时也适用于花岗岩、玄武岩、灰绿岩和砂岩等中硬、特硬、腐蚀性物料。

► Advantages/产品优势

- The sand making machine can be equipped with a manual hydraulic pump to adjust the flow of material into the impeller, and with the height adjustment of the dividing plate, it can accurately control the proportion of material into the impeller and the circular cascade.
 - The crusher can also be equipped with a hanging manual or electric hoist, which makes it easy to lift the machine cover, feed hopper, dividing plate, impeller, spindle, etc. for equipment maintenance and repair.
 - The crusher cover can be equipped with a hydraulic lifting and opening device, which facilitates the lifting and rotation of the feed hopper during equipment maintenance.
 - The crusher has a "rock-on-rock" and "rock-on-iron" crushing mode, which can meet the shaping requirements of various materials and working conditions.
 - The crusher can also be equipped with a thin oil lubrication system and PLC automatic control and monitoring system, which can monitor the feed rate, current, oil temperature, spindle temperature, vibration protection, and other functions in real-time.
- 该制砂机可以选择配置手动液压泵，从而来调整叶轮入料的流量，同时配合分料盘的高低位置调整，可以准确控制叶轮入料和圆周瀑落物料的比例。
 - 该制砂机也可以选择配置悬挂式的手动或电动葫芦，在设备检修和维护时，可以轻松起吊设备上机盖、进料斗、分料器、叶轮、主轴等且方便快捷。
 - 该制砂机上机盖可以选择配置液压升顶开启装置，方便设备检修时将进料斗顶起并旋转，移开。
 - 该制砂机有“石打石”和“石打铁”的破碎转换，从而适应更多工况和不同物料的破碎整形要求。
 - 该制砂机也可以选择配置稀油润滑系统和PLC自动控制和监控系统，能适时的监控入料量、电流、油温、主轴温度、振动保护等功能。

► Technical Parameters/技术参数

Model规格型号		RVSI-850	RVSI-950	RVSI-1100	RVSI-1200
Max Feed Size 最大进料粒度(mm)	Center And Ring Feeding 瀑落与中心进料	< 40	< 45	< 55	< 60
	Certer Feeding 全中心进料	< 30	< 35	< 45	< 50
Main Shaft Speed主轴转速(r/min)		1775~1965	1320~1720	1240~1460	1040~1300
Power电机功率(kw)		160~250	315~400	400~500	560~630
Capacity 处理能力 (t/h)	Center And Ring Feeding 瀑落与中心进料	200~300	370~450	410~540	545~580
	Certer Feeding 全中心进料	160~180	260~280	340~370	450~580

The equipment data is subject to the actual situation, and the charts are only theoretical reference data. 设备数据以实际为准，图表仅为理论参考数据。

PFL Vertical Complex Crusher

PFL立式复合破碎机



► Description/产品概述

PFL Vertical Complex Crusher is a novel fine and coarse crushing device that has undergone optimized design and development. It crushes materials to the desired particle size through the high-speed rotating rotor and the impact, friction, and wear within the crushing chamber. This equipment boasts a simple structure, high crushing ratio, low energy consumption, stable operation, and ease of operation and maintenance. This equipment is mainly utilized for crushing materials with high levels of hardness and brittleness.

PFL立式复合破碎机是一款新型的细碎、粗磨设备，采用优化设计研制而成，通过高速旋转的转子和破碎室内的撞击、摩擦、磨损等作用，将物料粉碎成所需大小的颗粒。拥有简单的结构、大的破碎比、低的能耗、平稳的运转以及便捷的操作维修等特点。主要用于破碎中硬度和脆度较高的物料。

Advantages/产品优势

- Simple structure, large throughput, high crushing ratio, high product yield, and low energy consumption.
 - High hardness, high toughness, multi-element alloy wear-resistant hammerheads and liners are used to resist wear and impact, providing a longer service life.
 - The crusher has good sealing performance, produces less dust and low noise, runs smoothly, and is easy to operate and maintain.
 - According to customer requirements, two structural forms, namely upward thrust and downward thrust, are available for customers to choose from.
- 结构简单、通过量大、破碎比大、成品率高、能耗小。
 - 采用高硬度高韧性多元合金耐磨锤头和衬板，抗磨损和冲击，使用寿命更长。
 - 设备密封性能好，粉尘少、噪音低、运转平稳、操作维修方便。
 - 根据客户的需要，可以有上传动和下传动两种结构形式，供客户选择。

Applications/应用领域

Vertical Complex Crusher is primarily utilized for crushing raw and clinker cement in cement plants, making it an ideal fine crushing solution for new construction or technical upgrades in cement production lines. Additionally, it is suitable for crushing other medium-soft minerals, such as medium-soft iron ore, limestone, gypsum, blast furnace slag, coal gangue, lump coal, metallurgical raw materials, and more.

立式复合破碎机主要用于水泥厂破碎水泥生料、熟料，为水泥厂技术改造或新建水泥生产线提供了一种理想的细碎设备。也适用于中软铁矿石、石灰石、石膏、高炉渣、煤矸石、块煤、冶金溶剂原料等及其它中软矿石的破碎。

Technical Parameters/技术参数

Model 规格型号	Feed Size 进料粒度 (mm)	Discharge Size 出料粒度 (mm)	Speed 主轴转速 (r/min)	Capacity 处理能力 (t/h)	Power 电机功率 (kw)
PFL-750Ⅲ	≤100	≤3,70~90%	800~1350	8~20	45
PFL-1000Ⅲ	≤120	≤3,70~90%	650~980	15~30	55
PFL-1250Ⅲ	≤150	≤3,70~90%	510~770	35~45	90
PFL-1500Ⅲ(Ⅱ IX)	≤180	≤3,70~90%	430~640	50~70	132
PFL-1750Ⅲ(Ⅱ IX)	≤200	≤3,70~90%	420~540	70~100	160
PFL-2000Ⅲ	≤220	≤3,70~90%	360~500	90~120	200
PFL-2300Ⅲ	< 240	≤3,70~90%	330~450	120~160	250
PFL-2500Ⅲ	< 240	≤3,70~90%	300~420	160~200	355

The equipment data is subject to the actual situation, and the charts are only theoretical reference data. 设备数据以实际为准，图表仅为理论参考数据。

2PG DOUBLE-ROLL SAND MAKING MACHINE

2PG对辊制砂机



Description/产品概述

The Double-Roll Sand Making Machine is a commonly used crushing equipment in industrial production. It uses two rotating rollers to crush materials for medium and fine sand making. It has the advantages of simple and reasonable structure, low operating cost, fast cost recovery, reliable working principle, easy maintenance, and wide applicability. This equipment is widely used in industries such as sand making, coal mining, cement, metallurgy, chemical engineering, and building materials for processing ores and rocks with hardness within a certain range.

对辊制砂机是一种常用于工业生产中的破碎设备，通过两个相对旋转的辊轮来碾压物料进行中碎、细碎制砂。它具有结构简单、运行成本低、回本快等优点，并且工作原理可靠、维修简单、适用范围广泛。该设备被广泛应用于制砂、煤矿、水泥、冶金、化工、建材等工业部门中对于硬度在一定范围内的矿石和岩石的加工处理。

Advantages/产品优势

- Easy-to-disassemble, double-conical roller shells.
 - The new bearing design allows for easier and quicker maintenance.
 - Equipped with a hydraulic adjustment system, the machine is easier to adjust and has a longer service life.
 - The whole steel base design makes installation quick and simple.
- 易拆卸，双锥面辊皮。
 - 新型结构的轴承设计，检修时更加方便快捷。
 - 配备液压调节系统，调整更加方便，使用寿命更长。
 - 整体钢底架设计，安装简捷。

Applications/应用领域

The roller sand making machine is mainly used in cement, metallurgy, chemical industry, electric power, coal and other industries. Applicable materials: river pebbles, granite, basalt, limestone, quartz stone, diabase, iron ore, gold ore, copper ore, etc.

对辊制砂机适用于水泥，冶金，化工，电力，煤炭等行业。适用物料：河卵石、花岗岩、玄武岩、石灰石、石英石、辉绿岩、铁矿、金矿、铜矿等。

Technical Parameters/技术参数

Model 规格型号	Feed Size 进料粒度 (mm)	Discharge Size 出料粒度 (mm)	Capacity 处理能力 (t/h)	Power 电机功率 (kw)
2PG0909	<45	2~10	11~45	3×37
2PG1210	<45	2~10	15~60	2×45
2PG1510	<55	2~10	80~150	2×132
2PG1810	≤60	2~10	160~230	2×220

The equipment data is subject to the actual situation, and the charts are only theoretical reference data. 设备数据以实际为准，图表仅为理论参考数据。

YD TIRE MOBILE CRUSHING STATION YD轮胎式移动破碎站



Description/产品概述

The YD Tire Mobile Crushing Station is a mobile crushing and screening line for industries such as metallurgy, chemicals, building materials, and hydroelectric power. Its primary purpose is to crush materials of varying particle sizes, such as rocks, ores, and old asphalt concrete on roads. Depending on the type, scale, and product requirements of the processed raw materials, different configurations can be utilized. The particle size of finished products can range from 0-80 (mm).

YD轮胎式移动破碎站是一种适用于冶金、化工、建材、水电等行业的移动式破碎筛分线，主要用于破碎各种不同粒度的岩石、矿石、道路旧沥青混凝土等物料，可生产出0-80 (MM) 的成品粒度。

Applications/应用领域

The Tire Mobile Crushing Station is primarily used for crushing mobile stones in highway, railway, hydropower engineering, and other fields that require frequent relocation such as metallurgy, mining, and construction materials.

轮胎式移动破碎站主要用于高速公路、铁路、水电工程等流动性石料的破碎作业，以及冶金、矿山、建材等行业中需要经常移动、搬迁的破碎作业。

Advantages/产品优势

- Integrated unit equipment installation eliminates the complicated site foundation infrastructure installation operations and reduces material and labor consumption.
 - Reasonable and compact space layout of the unit improves the flexibility of site deployment.
 - Able to perform on-site crushing of materials, avoiding the intermediate step of transporting materials away from the site for crushing, greatly reducing transportation costs.
 - Strong adaptability and flexible configuration, can operate as a single unit or be flexibly combined into a system for joint operation. Can be combined into a coarse crushing and fine crushing two-stage crushing and screening system, or a coarse crushing, medium crushing, and fine crushing three-stage crushing and screening system, or other systems according to site conditions.
- 一体化机组设备安装形式，消除了分体组件的繁杂场地基础设施安装作业，降低了物料、工时消耗。
 - 机组合理紧凑的空间布局，提高了场地驻扎的灵活性。
 - 能够对物料进行第一线的现场破碎，免除了物料运离现场再破碎的中间环节，极大降低物料的运输费用。
 - 适应性强，配置灵活，可以单机组独立作业，也可以灵活组成系统配置机组联合作业，可以组合为粗碎、细碎两段破碎筛分系统及粗碎、中碎、细碎三段破碎筛分系统，或根据现场情况组合成其他系统。

Technical Parameters/技术参数

Model规格型号		YD60	YD120	YD150	YD200	YD300	
Product Granularity 产品粒度(mm)		0~40	0~80	0~80	0~80	0~80	
Capacity (t/h)处理能力)		60~80	80~120	120~150	150~200	200~350	
Coarse Crushing 粗碎段	Feeder给料机	ZSW300*95	ZSW380*95	ZSW420*110	ZSW490*110	ZSW500*130	
	Coarse Crusher 粗碎设备	DHKS3020	ASD3625	C1008	RC110	RC125	
Medium Crushing 中碎段	Screan振动筛		3YA1545	3YKR1860	3YKR2460	3YKR2475	
	Medium Crusher 中碎设备	Medium-hard 中硬	RNP1110	RNP1310	RNP1313	RNP1315	RNP1320
		High-hardness 特硬	RGP100-MF	RGP100-EC	RGP100S	RGP200S	RGP300S
Fine Crushing 细碎段	Screan振动筛		3YA1536	3YKR1545	3YKR2160	3YKR2460	3YKR2475
	RVSI Crusher制砂机		PLS-700D	PLS-850D	PLS-850D	PLS-1000D	PLS-1200D
Optional Auxiliary辅助设备		Mobile conveyor, hydraulic support, iron collector, electrical controller, etc. 移动式皮带机、液压支腿、除铁器、电气控制系统等					

The equipment data is subject to the actual situation, and the charts are only theoretical reference data. 设备数据以实际为准，图表仅为理论参考数据。

CMC CRAWLER MOBILE CRUSHING STATION

CMC履带式移动破碎站



Description/产品概述

The CMC Crawler Mobile Crushing Station is an efficient, flexible, and intelligent mobile crushing operation station. It uses a heavy-duty tracked chassis, self-contained power, and modular design, with functions including feeding, crushing, sand making, screening, and conveying. It can be used for open or closed circuit production, and through the combination of different machine module units, a truly mobile crushing operation process can be formed.

The CMC Crawler Mobile Crushing Station has an advanced intelligent control system, which can realize "one-key" start-up operation, with high crushing efficiency and controllability. The crushing station has a compact structure, easy installation, convenient transportation, and is suitable for complex site environments, capable of producing high-quality sand and aggregate finished products.

CMC履带式移动破碎站是一款高效、灵活、智能的移动式破碎作业站。采用重载履带底盘、自备动力、模块化设计，具有给料、破碎、制砂、筛分、传输等功能，可用于开路或闭路生产，通过不同机型模块单元的组合，形成一条真正可移动的破碎作业流程。

CMC系列履带式移动破碎站设计了先进的智能化控制系统，可以实现“一键式”启动操作，具有高效的破碎能力和可控性。破碎站结构紧凑、安装简便、运输方便、适用于复杂场地环境，可生产高品质砂石骨料成品。

Advantages/产品优势

- The anti-stalling system effectively ensures the efficient operation of the equipment without stopping, and the hydraulic system can adjust the discharge size during operation.
 - Strong mobility. The chassis is specially processed to adapt to normal roads and rugged roads in crushing plants, easily coping with various harsh working environments.
 - The bottom of the crushing chamber can be hydraulically adjusted for tilt angle, leaving sufficient space for maintenance and transportation.
 - The Relytec intelligent control panel is easy to operate. In conjunction with a wireless remote control, it can reduce the need for auxiliary operators, greatly improving work efficiency and personnel utilization.
 - Utilize automatic control programs to control the system process.
 - Easy to transport directly between different job sites.
 - Can be used in conjunction with other mobile crushing stations and mobile screening equipment.
- 防停止系统可以有效确保设备高效率的运转不停机作业，液压系统调节排料口尺寸，在工作过程中也可以调节。
 - 机动性强。底盘经过特殊加工，不仅适应在普通公路上形式，而且适用于破碎厂崎岖的道路，轻松应对各种严苛的工作环境。
 - 破碎仓底部可以液压调节倾斜角度，留有足够空间便于维护及运输。
 - Relytec智能控制面板，操作简单；配合无线遥控器，可减少辅助操作人员，大大提高工作效率和人员利用率。
 - 利用自动控制程序来控制系统流程。
 - 易于在不同的使用工地间直接进行运输。
 - 可以与其他移动式破碎站和移动式筛分一起联合使用。

Applications/应用领域

The Crawler Mobile Crushing Station is widely used in crushing and processing operations in industries such as highways, high-speed railways, water conservancy and hydropower, construction, and commercial concrete, as well as for mobile projects such as municipal engineering, bridge construction, and urban waste treatment.

履带式移动破碎站广泛适用于高速、高铁、水利水电、建筑、商混等行业的破碎加工作业，以及城市建筑垃圾处理、市政工程、桥涵施工等需要转场作业的项目。

Technical Parameters/技术参数

Coarse Crawler Mobile Crushing Station (Jaw crusher) 粗碎履带移动破碎站(颚式破碎机)		CMC106	CMC116
Feed Hopper 给料仓	Capacity 处理能力 (t/h)	150~350	150~350
	Max Feed Size 最大进料粒度 (mm)	590	640
	Feeding Height 给料高度 (mm)	3974	3974
	Volume 料仓容积(m)	4.8	4.8
Feeder 给料设备	Model 型号	ZSW400*110	ZSW400*110
	Power 电机功率 (kw)	15	15
Crushing Crusher 破碎设备	Jaw Crusher 颚式破碎机	RC106	RC116
	Inlet Size 进料口尺寸(mm)	1060*700	1150*760
	Max Feed Size 最大进料粒度 (mm)	590	640
	Outlet Size 排料尺寸范围(mm) / CSS(闭边)	70~200	70~200
	Capacity 处理能力 (t/h)	150~500	165~520
Main Conveyor 主皮带机	Power 电机功率 (kw)	110	110
	Stack Height 堆料高度(mm)	4000	4000
	Width * Length 宽*长(mm)	1000*135000	1000*135000
Scrap Conveyor 除土侧皮带机	Power 电机功率 (kw)	15	15
	Stack Height 堆料高度(mm)	2255	2255
	Width * Length 宽*长(mm)	650*3000	650*3000
Scrap Conveyor 除土侧皮带机	Power 电机功率 (kw)	3	3
	Width * Length 宽*长(mm)	650*3000	650*3000

Cone Crawler Mobile Crushing Station 圆锥履带式移动破碎站		CMC300G	CMC300H
Feed Hopper 给料仓	Capacity 处理能力 (t/h)	150~390	150~390
	Volume 料仓容积(m)	6.3	6.3
	Width * Length 宽*长(mm)	1200*6100	1200*6100
Feed Conveyor 给料皮带机	Feeding Height 给料高度(mm)	3730	3730
	Power 电机功率 (kw)	15	15
Crushing Equipment 破碎设备	Cone Crusher 圆锥破碎机	RGP300	RHP300
	Inlet Width 给料口宽度 (mm)	60~260	107~233
	Max Feed Size 最大进料粒度 (mm)	50~210	85~185
	Discharge Size 排料尺寸 (mm)	10~30	6~45
	Capacity 处理能力 (t/h)	140~345	75~430
Main Conveyor 主皮带机	Power 电机功率 (kw)	250	220
	(Width mm* Length mm* Power kW) (宽mm*长mm*功率kW)	1000*130000*15	1000*130000*15
Discharging Conveyor 出料皮带机	(Width mm* Length mm* Power kW) (宽mm*长mm*功率kW)	1200*6400*11	1200*6400*11
Transfer Conveyor 转运皮带机	(Width mm* Length mm* Power kW) (宽mm*长mm*功率kW)	650*4380*4	650*4380*4
Recycled Conveyor 回料皮带机	(Width mm* Length mm* Power kW) (宽mm*长mm*功率kW)	500*9000*5.5	500*9000*5.5
Vibrating Screen 振动筛	(Width mm* Length mm* Power kW) (宽mm*长mm*功率kW)	1500*3600*11	1500*3600*11

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Impact Crawler Mobile Crushing Station 反击式履带移动破碎站		CMC1214
Feed Hopper 给料仓	Capacity 处理能力 (t/h)	150~300
	Volume 料仓容积(m)	4.5
Feeder 给料设备	Model 型号(宽mm*长mm)	ZSW400*110
	Feeding Height 给料高度(mm)	4010
	Power 电机功率 (kw)	15
Crushing Equipment 破碎设备	Impact Crusher 反击式破碎机	RNP1214
	Inlet Width 给料口宽度 (mm)	1450
	Max Feed Size 最大进料粒度 (mm)	304
	Discharge Size 排料尺寸 (mm)	35~45
	Capacity 处理能力 (t/h)	220~260/300
	Power 电机功率 (kw)	220/250
Main Conveyor 主皮带机	(Width mm* Length mm* Power kW) (宽mm*长mm*功率kW)	1000*8100*11
Discharging Conveyor 出料皮带机	(Width mm* Length mm* Power kW) (宽mm*长mm*功率kW)	1200*6400*11
Transfer Conveyor 转运皮带机	(Width mm* Length mm* Power kW) (宽mm*长mm*功率kW)	650*4380*11
Recycled Conveyor 回料皮带机	(Width mm* Length mm* Power kW) (宽mm*长mm*功率kW)	500*8700*5.5
Scrap Conveyor 除土侧皮带机	(Width mm* Length mm* Power kW) (宽mm*长mm*功率kW)	500*2650*4
Vibrating Screen 振动筛	(Width mm* Length mm* Power kW) (宽mm*长mm*功率kW)	1500*3600*11
Sand making Machine Crawler Mobile Crushing Station 制砂机履带移动式破碎站		CMC850-II
Feeder 给料设备	Capacity 处理能力 (t/h)	100~200
	Volume 料仓容积(m)	6.3
Feed Conveyor 给料皮带机	(宽mm*长mm)	1200*6100
	Feeding Height 给料高度 (mm)	3730
	Power 电机功率 (kw)	15
Crushing Equipment 破碎设备	Vertical Impact Crusher立式冲击破碎机	RVSI850II
	叶轮直径(mm)	880
	Max Feed Size 最大进料粒度 (mm)	硬岩50/软岩40
	Capacity 处理能力 (t/h)	95~215
	Power 电机功率 (kw)	200
Main Conveyor 主皮带机	(Width mm* Length mm* Power kW) (宽mm*长mm*功率kW)	1000*13000*15
Discharging Conveyor 出料皮带机	(Width mm* Length mm* Power kW) (宽mm*长mm*功率kW)	1200*6850*11
Transfer Conveyor 转运皮带机	(Width mm* Length mm* Power kW) (宽mm*长mm*功率kW)	500*2650*3
Recycled Conveyor 回料皮带机	(Width mm* Length mm* Power kW) (宽mm*长mm*功率kW)	500*10200*5.5
Vibrating Screen 振动筛	(Width mm* Length mm* Power kW) (宽mm*长mm*功率kW)	1500*6000*15
Crawler Mobile Screening Station 履带移动筛分站		CMS1560
Feed Hopper 给料仓	Capacity 处理能力 (t/h)	100~350
	Volume 料仓容积(m)	6.2
Screening Equipment 筛分设备	筛箱尺寸宽*长(mm)	1500*6000
	Number Of Screen Layers 筛网层数	3
	Max Feed Size 最大进料粒度 (mm)	110
	Capacity 处理能力 (t/h)	300
	Power 电机功率 (kw)	22
Feed Conveyor 给料皮带机	(Width mm* Length mm* Power kW) (宽mm*长mm*功率kW)	1200*3700*11
Main Conveyor 主皮带机	(Width mm* Length mm* Power kW) (宽mm*长mm*功率kW)	1000*12000*18.5
Extra-large Material Conveyor 特大物料皮带机	(Width mm* Length mm* Power kW) (宽mm*长mm*功率kW)	500*8400*5.5
	Unloading Height (mm) 卸料高度(mm)	4858
Large Material Conveyor 大物料皮带机	(Width mm* Length mm* Power kW) (宽mm*长mm*功率kW)	650*10000*7.5
	Unloading Height (mm) 卸料高度(mm)	4858
Intermediate Material Conveyor 中级物料皮带机	(Width mm* Length mm* Power kW) (宽mm*长mm*功率kW)	650*10000*7.5
	Unloading Height (mm) 卸料高度(mm)	4858
Fine Material Conveyor 细物料皮带机	(Width mm* Length mm* Power kW) (宽mm*长mm*功率kW)	1200*8000*11
	Unloading Height (mm) 卸料高度(mm)	4887

GBC BALL MILL

GBC球磨机



► Description/产品概述

The GBC efficient and energy-saving Ball Mill uses rolling bearings and dry grease lubrication, which can save 10-20% energy and increase production capacity by 10-20%, while reducing one-time investment costs. It can be equipped with a high-pressure motor, pneumatic clutch, large gear dry oil spray lubrication, and slow-speed driving device. It is suitable for various industrial sectors such as mining, building materials, chemical industry, power, coal, transportation, and light industry.

GBC高效节能球磨机采用滚动轴承支承和干油润滑脂，比滑动轴承支承节能10~20%，生产能力可提高10~20%，降低一次性投资成本。可选配高压电机、气动离合器、大齿轮干油喷雾润滑和慢速驱动装置。适用于矿山、建材、化工、电力、煤炭、交通、轻工等工业部门。

► Applications/应用领域

The Ball Mill is widely used in various industrial sectors such as black and non-ferrous metal mining, non-metal mining, building materials, chemical industry, electric power, coal, transportation, and light industry. It is suitable for grinding various ores, rocks, and artificial sand materials.

球磨机广泛应用于黑色、有色金属矿山、非金属矿山、建材、化工、电力、煤炭、交通、轻工等工业部门，适用于粉磨各种矿石、岩石及人工造砂等物料。

Advantages/产品优势

■ This machine consists of main parts including feeding part, discharging part, rotating part, and transmission part (reducer, small transmission gear, motor, and electrical control). The hollow shaft is made of cast steel with a replaceable liner. The large gear of the rotating part is made of castings with teeth processed, and the cylinder is lined with wear-resistant plates, which has good wear resistance. The machine runs smoothly and works reliably.

According to the material and discharge mode, the grid type ball mill and the overflow grid type ball mill can be selected. Generally, the dry powder grinder is suitable for dry grinding, and the grid type ball mill is

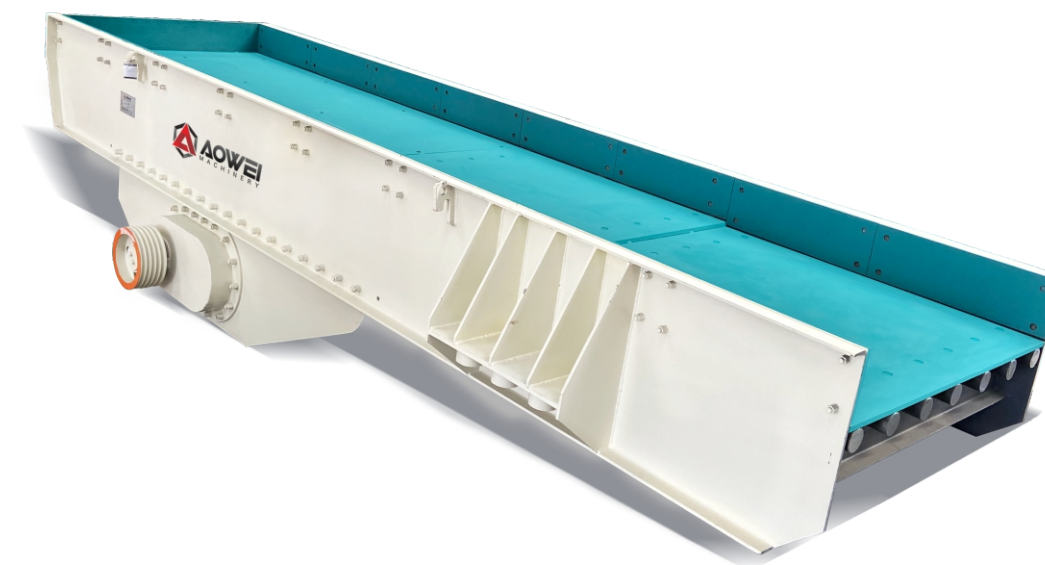
■ 本机由给料部、出料部、回转部、传动部（减速机，小传动齿轮，电机，电控）等主要部分组成。中空轴采用铸钢件，内衬可拆换，回转大齿轮采用铸件滚齿加工，筒体内镶有耐磨衬板，具有良好的耐磨性。本机运转平稳，工作可靠。特注：根据物料及排矿方式，可选择格子型球磨机和溢流型格子型球磨机。一般干式磨粉机适用于干磨，格子型球磨机适用于湿磨，两者千万不要混淆生产。

Technical Parameters/技术参数

Model 规格型号	Drum Dimensions 筒体尺寸 (mm) Diameter×Length 直径×长度	Drum Volume 筒体容积 (m ³)	Ball Charge 磨球量 (t)	Rotate Speed 筒体转速 (r/min)	Power 功率 (kw)	Discharge Size 排料粒度 (mm)	Capacity 处理能力 (t/h)
GBC1530	1500*3000	4	8	27.6	75	0.8~0.074	12~2.8
GBC1535	1500*3500	4.6	11	27.6	75-90	0.8~0.074	14~3.4
GBC1830	1800*3000	6.5	13	25.3	132	0.8~0.074	21~4.8
GBC2130	2100*3000	9.2	17	23.8	185	0.8~0.074	26~6.0
GBC2136	2100*3600	11	19	23.8	210	0.8~0.074	29~6.5
GBC2140	2100*4000	12.2	20.5	23.8	220	0.8~0.074	32~7.2
GBC3654	3600*5400	48	101	17.3	1250	3.0~0.074	288~35
GBC3660	3600*6000	54.4	117	17.3	1250	3.0~0.074	310~38
GBC3685	3600*8500	79	144	17.3	1800	3.0~0.074	450~50

The equipment data is subject to the actual situation, and the charts are only theoretical reference data. 设备数据以实际为准，图表仅为理论参考数据。

ZSW VIBRATING FEEDER ZSW振动给料机



Description/产品概述

The ZSW Vibrating Feeder utilizes the vibration generated by the synchronous eccentric shafts to produce exciting force, providing continuous and uniform feeding while conducting coarse screening of materials to improve crushing efficiency. The vibrating screen uses oscillator vibration for continuous feeding and screening in front of crushers. It is widely used in the crushing industry for various materials screening.

ZSW振动给料机利用同步偏心轴的振动产生激振力，连续、均匀地给料，并对物料进行粗筛分，提高破碎效率。振动筛利用振子振动在破碎机前连续进料筛分，适用于需要提高破碎效率的颚破、重锤破等粗碎破碎机前的物料连续给料和筛分。

Applications/应用领域

The Vibrating Feeder finds extensive application across multiple industries including metallurgy, mining, construction materials, chemical engineering, and coal. Furthermore, it is a suitable screening tool for various materials including coal, ore, cement, and fertilizer.

振动给料机广泛应用于冶金、矿山、建材、化工、煤炭等多个行业。同时，也适用于各种物料的筛分作业，如煤炭、矿石、水泥、化肥等。

► Advantages/产品优势

- Design based on the principle of using eccentric vibration to generate exciting force.
 - Stable vibration, continuous and uniform feeding to achieve balanced production on the production line.
 - Pre-screening of fine materials can be achieved during feeding, which improves crushing efficiency.
 - The structure design with adjustable clearance between the sieve bars effectively prevents material blockage.
 - Optional variable frequency motor can control the feeding quantity by adjusting the frequency, without frequent motor start-up.
 - Low noise during operation, which is beneficial to improve the working environment.
 - High efficiency, large feeding capacity, easy installation and maintenance, and low operating costs.
- 采用轴偏心振动产生激振力的原理设计。
 - 振动平稳，给料连续、均匀，实现生产线均衡生产。
 - 在给料的同时，可预筛分细料，提高破碎效率。
 - 筛条间隙可调节的结构设计，有效防止物料堵塞。
 - 可选装调速电机，通过调节频率，便于控制给料量，无需频繁启动电机。
 - 工作过程噪音低，有利于改善工作环境。
 - 效率高，给料能力大，安装、维修方便，运行费用低。

► Technical Parameters/技术参数

Model 规格型号	Inlet Size 进料口尺寸 (mm)	Speed 转速 (r/min)	Capacity 处理能力 (t/h)	Power 电机功率 (kw)	Dimension 外形尺寸 (mm)
ZSW380×95	500	500~800	~150	11	3970×2259×1880
ZSW420×110	580	500~800	150~280	15	4392×2519×2003
ZSW490×110	580	500~800	150~350	18.5	5093×2545×2014
ZSW1360	750	500~800	220~560	30	6124×2863×2051
ZSW1560	900	500~800	260~620	37	6271×2369×2698
ZSW1860	1050	600~850	400~1000	45	6268×2653×3097
ZSW2160	1200	600~850	550~1250	45	6417×2880×3159

The equipment data is subject to the actual situation, and the charts are only theoretical reference data. 设备数据以实际为准，图表仅为理论参考数据。

YA VIBRATING SCREEN YA振动筛



► Description/产品概述

YA Vibrating Screen is a new type of vibrating screen designed by our company through optimized production site design. It uses a barrel-type eccentric shaft excitation and an eccentric block to adjust the amplitude, and is widely used in various loose minerals and rock screening operations in mining, building materials, and other industries. Two-layer and three-layer series vibrating screen can be provided according to customer needs.

YA系列振动筛是我公司结合生产现场优化设计的一款新型振动筛，采用筒体式偏心轴激振及偏心块调节振幅，可广泛应用与矿山、建材等行业各种松散矿物和岩石筛分作业，可根据客户需求，提供二层、三层系列振动筛。

► Applications/应用领域

YA Vibrating Screen is commonly used in industries such as coal, hydropower, mining, building materials, chemical, plastics, and abrasives.

Applicable materials: Suitable for the screening operation of various materials.

广泛用于煤炭、水电、矿山、建材、化工、塑料、磨料等行业。

适用物料：适用于对各种物料的筛分作业。

Advantages/产品优势

- The Vibrating Screen adopts an eccentric shaft and eccentric block structure, which allows adjustable amplitude and ensures higher screening efficiency.
 - It uses a thin oil lubrication system that requires only one-time oil filling and periodic oil replacement.
 - The modular screen meshes with different apertures can be easily installed.
 - The side plate is bent and connected to the crossbeam with high-strength bolts, forming a welded-free structure.
 - The vibrating spring adopts rubber spring, which has a longer service life.
- 振动筛采用偏心轴加偏心块结构，使振幅可调、保障筛分效率更高。
 - 采用稀油润滑结构，一次加注，定期更换润滑油即可。
 - 均可装配不同孔径模块化的筛网。
 - 侧板折弯，且与横梁采用高强度螺栓连接，全筛无焊接结构。
 - 振动弹簧采用橡胶弹簧，使用寿命更长。

Technical Parameters/技术参数

Model 规格型号	Layer 层数	Layer 筛孔尺寸 (mm)	Double Amplitude 双振幅 (mm)	Vibration Times 振次 (r/min)	Max Feed Size 最大进料 粒度 (mm)	Capacity 处理能力 (t/h)	Power 电机功率 (kw)
YA2170	2/3/4	3~150	6~9	850	≤200	100~750	37/45/45
YA2470	2/3/4	3~150	6~9	850	≤200	150~950	37/45/45
YA3070	2/3/4	3~150	6~9	850	≤200	150~1100	45/55/2×37
YA3080	2/3/4	3~150	6~9	850	≤200	150~1100	2×30/37/45
YA3380	2/3	3~150	6~9	850	≤200	150~1200	2×37
YA3680	2/3	3~150	6~9	850	≤200	200~1200	2×45

The equipment data is subject to the actual situation, and the charts are only theoretical reference data. 设备数据以实际为准，图表仅为理论参考数据。

ZKX LINEAR SCREEN ZKX直线筛



Description/产品概述

The ZKX Linear Dehydration Screen is used to sift and grade powdered and granular materials. It uses a vibrating motor to move the material across the screen, producing various sizes of screened and undersized materials. It has the benefits of low energy consumption, high output, simple structure, easy maintenance, fully enclosed structure, no dust overflow, and automatic discharge, making it ideal for assembly line operations.

ZKX直线脱水筛主要用于对粉状、颗粒状物料的筛选和分级，利用振动电机激振作为振动源，使物料在筛网上被抛起，同时向前作直线运动，物料从给料机均匀地进入筛分机的进料口，通过多层筛网产生数种规格的筛上物、筛下物、分别从各自的出口排出。具有耗能低、产量高、结构简单、易维修、全封闭结构、无粉尘溢散、自动排料等特点，更适合于流水线作业。

Applications/应用领域

ZKX Linear Dehydration Screen is commonly used in industries such as coal, hydropower, mining, building materials, chemical, plastics, and abrasives.

Applicable materials: Suitable for the screening operation of various materials.

广泛用于煤炭、水电、矿山、建材、化工、塑料、磨料等行业。

适用物料：适用于对各种物料的筛分作业。

Advantages/产品优势

- The Linear Dehydrating Screen has a small volume, light weight, simple structure, easy installation, and easy maintenance.
 - The screen surface is installed horizontally with a low configuration height, high frequency, large amplitude, large screen surface, and high production capacity.
 - It has low noise, low energy consumption, high screening efficiency, and low cost.
 - The exciter adopts an eccentric shaft structure, which is very convenient for replacement and disassembly, reducing maintenance time and costs, and improving economic benefits.
 - The advanced auxiliary block eccentric structure is simple in structure, light in weight, easy to install and maintain. It can be conveniently adjusted to the appropriate amplitude by adding or reducing weight blocks.
- 直线脱水筛体积小，重量轻，结构简单，安装方便，维修容易。
 - 筛面水平安装，配置高度小，频率高，振幅大，筛面大，生产能力高。
 - 噪音小，能耗少，筛分效率高，造价低。
 - 激振器为偏心轴结构，更换拆装非常方便，降低了维修时间和成本，提高了经济效益。
 - 先进的辅助块偏心结构，结构简单，重量轻，安装维修方便，通过增减配重块，可以方便调整到合适的振幅。

Applications/应用领域

Model 规格型号	Layer 层数	Mesh Size 筛孔尺寸 (mm)	Double Amplitude 双振幅 (mm)	Vibration Times 振次 (r/min)	Max Feed Size 最大进料 粒度(mm)	Capacity 处理能力 (t/h)	Power 电机功率 (kw)
ZKX1245	1	0.25~50	6~9	970	≤150	10~200	4×3
ZKX1260	1	0.25~50	6~9	970	≤150	12~280	4×3
ZKX1437	1	0.25~50	6~9	970	≤150	10~210	4×3
ZKX1845	1/2	0.25~50	6~9	970	≤150	16~324	4×3.7/5.5
ZKX1860	1/2	0.25~50	6~8	970	≤150	20~380	4×5.5/6
ZKX2160	1/2	0.25~50	6~8	970	≤150	20~500	4×6/7.5

The equipment data is subject to the actual situation, and the charts are only theoretical reference data. 设备数据以实际为准，图表仅为理论参考数据。

INTELLIGENT ELECTRICAL CONTROL SYSTEM 智能电控系统



Complete Electrical Control Equipment 成套电控设备

Our company produces Complete Electrical Control Equipment, which includes design, debugging, research, and development, as well as modification work. Our main products include GGD, PS, MNS, DWF, and GCK series of high and low voltage switch cabinets. The design content involves automatic control, computer control, and other fields, with extensive experience.

成套电控设备包括设备的设计、调试、研发、改造等工作。主要产品有GGD、PS、MNS、DWF、GCK等系列高低压开关柜。设计内容涉及自动控制、计算机控制等多个领域，具备丰富的经验。

In terms of automatic control, our company maintains close cooperation and friendly communication with large electrical manufacturers such as Chint, ABB, Schneider, Siemens, Emerson, and Advantech at home and abroad. Currently, our equipment has been applied in industries such as stone crushing, cement, metallurgy, ore dressing, steel slag treatment, and construction waste treatment, receiving widespread praise.

在自动控制方面，我们公司与国内外大型电气厂商正泰、ABB、施耐德、西门子、艾默生、研华保持密切合作和友好交流。目前，我们的设备已应用于石料破碎、水泥、冶金、选矿、钢渣处理、建筑垃圾处理等行业，受到广泛好评。

DCS (Distributed Control System)

DCS (集散控制)系统

Also known as a distributed control system. It is a new type of computer control system developed and evolved from a centralized control system. Compared with the centralized control system, DCS can collect, display, record, and print various parameters of the system's operation, provide trend analysis and data archiving, ensure high efficiency of the unit during normal operation, and stop the relevant equipment in order in the event of an accident, with high safety and reliability. At the same time, the DCS system can also achieve remote operations, thereby effectively reducing labor costs.

又称集散控制系统。它是在集中控制系统基础上发展演变而来，相对于集中式控制系统而言的一种新型计算机控制系统。DCS系统可以采集、显示、记录、打印系统运行中的各种参数，提供趋势分析及数据归档，保证机组在正常工作时具有较高效率，且在事故情况下可以按顺序停止相关联的设备，具有较高的安全性可靠性。同时，DCS系统还可以实现远程操作，从而有效降低人工成本。

Hydraulic Equipment

液压设备

The hydraulic system, also known as a hydraulic station, mainly consists of a power source pump unit with an electric motor and oil pump, an integrated block responsible for hydraulic oil direction and pressure regulation, a plate valve combination, an oil tank, an electrical box, and other components. Aowei Machinery Intelligence's hydraulic system is versatile, suitable for various machinery, and widely used in mining, engineering, sanitation, marine vessels, metallurgy, and other fields. It has high performance, large capacity, light weight, and fast response speed, and can be flexibly arranged according to customer requirements, easy to operate, and with stepless speed regulation and automatic overload protection.

液压系统又称液压站，主要由装有电机和油泵的动力源泵装置、负责液压油方向和压力调节的集成块、装在立板上的板式阀组合、用于储油和过滤的油箱、电器盒等五个功能部件，以及电动机、电磁换向阀、溢流阀、减压阀、调速阀、液压油过滤器、压力表、空气过滤器、油位计、温度表和联接管路等多个元器件组成。奥维机械智能生产的液压系统可满足各种工作要求，适用于各个驱动装置机械上，广泛应用于矿山机械、工程机械、环卫设备、海洋船舶、冶金等领域。液压系统具有高性能、大容量、重量轻、反应速度快等优点。可以根据客户需求灵活布置，操作方便，能够实现大范围的无极调速以及自动实现过载保护。

CONSTRUCTION WASTE TREATMENT PRODUCTION LINE 建筑垃圾处理生产线



Company Profile 公司简介

奥维机械以资源化再生利用为原则，凭借多年的建筑垃圾及其它固体废弃物综合处理的经验，并依靠公司实力雄厚的技术资源，可靠的生产加工装备，高效的服务施工队伍。我们致力于将先进、实用、高效的设计理念和性能可靠的设备完美结合，为客户提供完全成套化的系统解决方案。

AOWEI MACHINERY adheres to the principle of resource recycling and reuse. Leveraging years of experience in comprehensive treatment of construction waste and other solid waste, and relying on the company's strong technical resources, reliable production and processing equipment, and efficient service construction team. We strive to seamlessly integrate advanced, practical, and efficient design concepts with reliable equipment performance, providing customers with complete system solutions.

Advantages of the comprehensive recycling and utilization of construction waste: 建筑垃圾综合回收处理利用的优点

Dual functionality of screening and crushing (具有筛分、破碎双重功能)

High production capacity (生产能力强)

Low operational costs (运行成本低)

Easy to handle high moisture content, non-clogging of adhesive materials (处理水分含量高、粘结物料不堵塞)

Uniform product granularity (产品粒度均匀)

Minimal over-crushing (过粉碎量少)

Construction waste can be applied in various applications such as road subbase material, non-fired bricks, cementitious admixtures, and many other areas after processing. (加工处理后的建筑垃圾可应用于路基石料、免烧砖、水泥掺合料等诸多方面。)

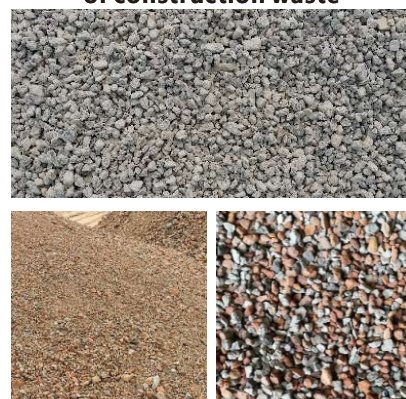
建筑垃圾的加工处理

Construction waste processing



建筑垃圾的产品粒型

The product particle type of construction waste



建筑垃圾的加工成品及应用领域
Construction waste processing products and application fields



针对建筑垃圾综合回收处理利用

For the comprehensive recycling and utilization of construction waste

建筑垃圾破碎机对于混凝土、混凝土二次成品废料和砖混结构的粗、中碎加工，具有筛分、破碎双重功能、生产能力大、运行费用低、处理水分含量高、粘结物料不堵塞、产品粒度均匀、过粉碎量少等优点。建筑垃圾废弃物经分拣、剔除或粉碎后，大多可以作为再生资源重新利用如：废钢筋、废铁丝、废电线和各种废钢配件等金属，经分拣、集中、重新回炉后，可以再加工制造成各种规格的钢材；砖、石、混凝土等废料经粉碎后可以代砂，用于砌筑砂浆、抹灰砂浆、打混凝土垫层等，还可以用于制作砌块、铺道砖、花格砖等建材制品。建筑垃圾资源化利用目前得到了国家的大力扶持，各地也出台了相关政策推动建筑垃圾处理产业化。比如，将建筑垃圾资源化利用处置纳入市政公用行业范围，建设用地实行政府划拨，享受财税优惠政策，建筑垃圾再生产品列入绿色建材目录、政府采购目录等等，前景看好。河南奥维在建筑垃圾再利用方面有着丰富的经验，有着专业的固定式及移动式建筑垃圾处理系统解决方案，在带来环境效益的同时，也能为投资用户带来丰厚的经济回报。随着政府部门对环境建设的日益重视，建筑垃圾处理将迎来更多有力的国家政策支持 and 广阔的市场空间。

The construction waste crusher is capable of coarse and intermediate crushing of concrete, secondary concrete waste, and brick-concrete structures. It offers dual functionality of screening and crushing, with significant advantages including high production capacity, low operational costs, the ability to handle high moisture content, non-clogging of adhesive materials, uniform product granularity, and minimal over-crushing.

After sorting, removal, or crushing of construction waste, the majority of it can be recycled as secondary resources. For example, metals such as waste reinforcing bars, scrap iron wires, waste wires, and various metal components can be sorted, concentrated, and recycled into various specifications of steel products after sorting, centralization, and remelting. Crushed waste materials like bricks, stones, and concrete can serve as substitutes for sand in applications such as mortar, plaster, concrete bedding layers, and can also be used to manufacture building materials like blocks, paving stones, and decorative tiles.

The recycling of construction waste is currently receiving strong support from the national government, with various policies enacted across regions to promote the industrialization of construction waste treatment. For instance, incorporating the disposal of construction waste through resource utilization into the scope of municipal utilities, government land allocation, and enjoying financial and tax incentives. Recycled construction waste products are included in the green building materials catalog and government procurement catalogs, indicating a promising outlook. HENAN AOWEI INTERNATIONAL TRADING CO.,LTD possesses extensive experience in the reuse of construction waste and offers professional fixed and mobile construction waste processing system solutions. These solutions not only yield environmental benefits but also provide substantial economic returns to investment users. With growing emphasis from government departments on environmental construction, the field of construction waste management is poised to receive more robust national policy support and access to a vast market space.

CASES DEMONSTRATION
应用案例



Production Site in Shangluo, Shanxi

Raw material: diabase Capacity Requirements: 1200t/h aggregate and machine-made sand
Dust removal method: dry-wet combination, washed machine-made sand and aggregate
Site: 70m×200m
Specification of concentrated materials: 0~5 (sand)、5~10、10~15、15~20
Common materials: 0~5 (sand)、5~10、10~20、20~30 (31.5)



Configuration of Equipment in Production

- Line: 1200 tons Diabase**
- ◆ 2 sets RC140 Jaw Crusher
 - ◆ 4 sets 3YK3080 Vibrating Screen
 - ◆ 2 sets ZSW1860 Vibrating Feeder
 - ◆ 2 sets RGP500S Single Cylinder Hydraulic Cone Crusher for coarse crushing
 - ◆ 2 sets 2XL-914 Spiral Washer
 - ◆ 4 sets RGP500 Single Cylinder Hydraulic Cone Crusher for fine crushing
 - ◆ 2 sets PLS-1200 Vertical Shaft Crusher
 - ◆ 2 sets 3YK3680 Vibrating Screen
 - ◆ 2 sets ZG600 Converter Feeder
 - ◆ 2 sets ZKB2160 Dewatering Screen





Production Site in Yima, Henan Province

Raw materials: Limestone, Basalt
 Max Feeding Material Size: 910mm
 Designed scale: 600t/h
 Finished product size(mm): 0~5mm, 10~20mm, 20~30(31.5)mm

Configuration of equipment in production

Line: 600t/h

- ◆ 1 set ZSW1860 Vibrating Feeder
- ◆ 2 sets ZG140-180 Vibrating Feeder
- ◆ 1 set RC140 Jaw Crusher
- ◆ 1 set RGP500S Single Cylinder Hydraulic Cone Crusher for Coarse Crushing
- ◆ 2 sets PFQ1320 Impact Crusher
- ◆ 2 sets PLS-1000II Vertical Shaft Crusher
- ◆ 1 set 2YA2470 Vibrating Screen
- ◆ 4 sets 3YA3080 Vibrating Screen
- ◆ 2 sets 2XL-914 Spiral Washer
- ◆ 2 sets ZKB2160 dewatering screen



Production Site in Guangxi

Raw material: granite
 Max feeding material size: 800mm
 Design scale: 350t/h
 Finished Product
 Specification(mm): 0~31.5mm

Configuration of equipment in production

Line: 350t/h

- ◆ 1 set ZSW1360 Vibrating Feeder
- ◆ 1 set RGP300S Single Cylinder Hydraulic Cone Crusher for Coarse Crushing
- ◆ 1 set RC125 Jaw Crusher
- ◆ 1 set RHP300 Multi-cylinder Hydraulic Cone Crusher





Production Site of Mobile Trailer in Yiyang

Raw materials: pebble
Capacity requirements: 150~200t/h

Configuration of Equipment

- ◆1 ZSW3895 Feeder
- ◆1 PE600X900 Jaw Crusher
- ◆1 RHP300 Multi-Cylinder Hydraulic Cone Crusher
- ◆1 4YA2470 Vibrating Screen

Production Site in Fangshan, Shanxi province

Raw materials: granite
Capacity requirements: 500t/h

Configuration of Equipment

- ◆2 RGP500 Single Cylinder Hydraulic Cone Crusher with fine grinding
- ◆1 RGP300 Single Cylinder Hydraulic Cone Crusher with fine grinding



Production Site in Shanxi

Raw materials: granite
Capacity requirements: 300t/h

Configuration of Equipment

- ◆1 PE750X1060 Jaw Crusher
- ◆1 RGP300S Single Cylinder Hydraulic Cone Crusher with coarse grinding
- ◆1 RGP300 Single Cylinder Hydraulic Cone Crusher with fine grinding
- ◆1 PL1000 Vertical Impact Crusher

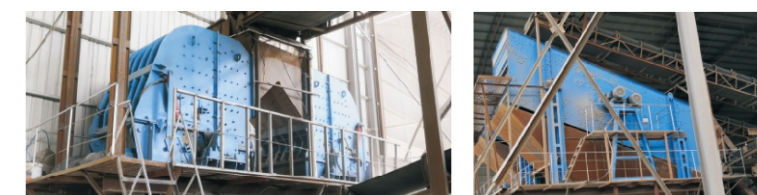


Production Site in Pingdingshan, Henan province

Raw materials: basalt
Capacity requirements: 500t/h
Max feeding material size: 800mm
Finished product specification(mm): 0~5mm, 5~10mm, 10~22mm
Technological process: feeder→jaw crusher→cone crusher→impact crusher→vibrating screen

Configuration of Equipment in Production Line in Pingdingshan city, Henan province:500t/h

- ◆1 ZSW1360 Feeder
- ◆1 RC125 Jaw Crusher
- ◆1 RGP300S Single Cylinder Hydraulic Cone Crusher with coarse grinding
- ◆2 PFQ1315 Impact Crusher
- ◆2 4YA2880 Vibrating Screen





Project Introduction

Raw Material: Platinum Ore
 Production Capacity Requirement: 200 tons per hour
 Equipment Configuration:
 1 RC106 Jaw Crusher
 1 RGP300S Single-Cylinder Hydraulic Cone Crusher
 1 RHP300 Multi-Cylinder Hydraulic Cone Crusher



Production Site in Yunnan

Raw Material: Serpentine
 Finished Product Specifications:
 0-5mm
 5~10mm
 10~20mm
 20~30mm
 Equipment Configuration:
 1 RHP500 Multi-Cylinder Cone Crusher
 1 RVSI-1263 Vertical Shaft Impact Crusher
 2 3YA2470 Vibrating Screens



Production Site in Sichuan

Raw Material: Sandstone
 Production Capacity Requirement: 700 tons per hour
 Maximum Particle Size: 1000mm
 Finished Product Specifications:
 0~5mm
 5~10mm
 10~20mm
 20~31.5mm
 Key Equipment:
 1 RC160 Jaw Crusher
 2 RVSI-1263 Vertical Shaft Impact Crushers
 1 2PG1210 Double Roller Crusher



Production Site in Xinyang

Raw Material: Granite
 Production Capacity Requirement: 300 tons per hour
 Finished Product Specifications: <30mm
 Equipment Configuration:
 2 RHP500 Multi-Cylinder Hydraulic Cone Crushers
 1 RGP500S Single-Cylinder Hydraulic Cone Crusher



Production Scene in Guangdong

Raw Material: Granite
 Production Capacity Requirement: 250 tons per hour
 Finished Product Specifications:
 03mm
 3-5mm
 510mm
 10-20mm
 20-31.5mm
 Equipment Configuration:
 1 RVSI-1150 Vertical Shaft Impact Crusher
 1 4YA3080 Vibrating Screen

