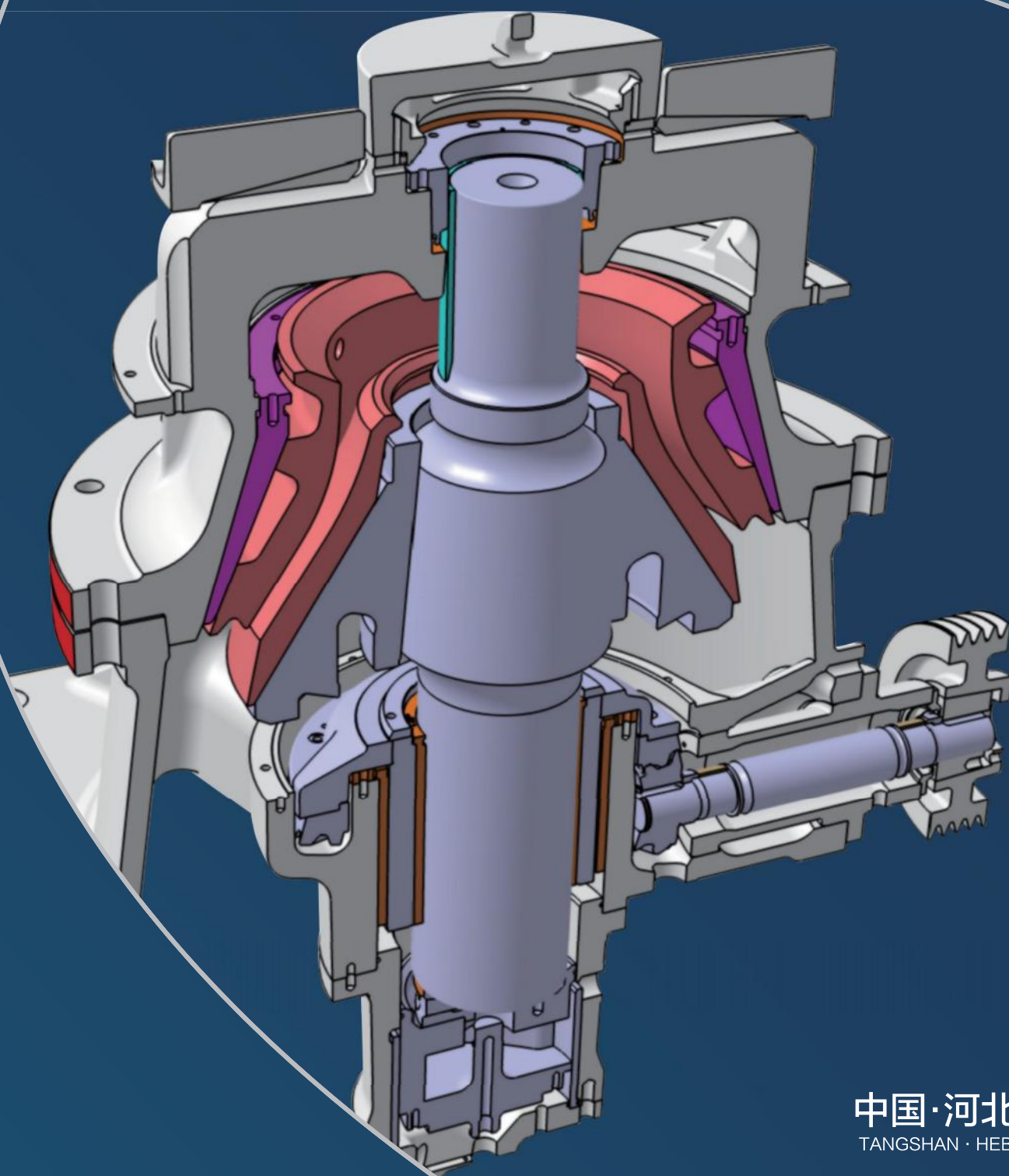




山岳重工
SHANYUE HEAVY INDUSTRY

破碎系列

Crushing Series



中国·河北·唐山
TANGSHAN · HEBEI · CHINA



About Us

企业简介

唐山市山岳重工机械制造有限公司成立于2019年3月，公司前身为遵化市一重机械厂，至今拥有二十余年的行业技术积累和丰富经验，是唐山市重点支持发展的技术型矿山装备整机骨干企业，专业从事高端破碎筛分设备的研发、生产、销售及服务领域，掌握破碎筛分关键核心技术。并能够为客户提供项目规划、设计、施工、运营管理、技术支持、部件供应的全流程服务。

2022年新建设年产500台（套）数字化矿山设备研发生产基地，占地30000多平方米，被列为河北省省级重点建设项目，目前已经投入使用。

公司非常注重企业现代化的持续创新能力和管理能力建设，通过了GB/T19001-2016/ISO9001:2015质量管理等一系列体系标准认证。被评为国家级高新技术企业，河北省专精特新企业，河北省创新型企业等，并且拥有自主研发中心。公司一贯奉行以信誉为本；以德打造优良品质，以行成就优质服务的经营理念；以满足客户需求为企业发展动力的经营宗旨，全力打造山岳重工品牌，力争客户的百分百满意！

欢迎全球客户莅临考察，我们将竭诚为您服务。

Tangshan Shanyue Heavy Industry Machinery Manufacturing Co., Ltd. was established in March 2019, which was formerly known as Zunhua Yizhong Machinery Factory. We have more than 20 years of industry technology accumulation and rich experience, we are a key enterprise of mining equipment that Tangshan supports and develops, specializing in the research and development, production, sales and service of high-end crushing and screening equipment, we master the key core technologies of crushing and screening. And can provide customers with full-process services including project planning, design, construction, operation management, technical support and parts supply.

In 2022, a new R&D and production base for digital mining equipment with an annual output of 500 units (sets) finished construction, covering an area of more than 30,000 square meters, it is listed as a key provincial construction project of Hebei and has been put into use.

Our company attaches great importance to the continuous innovation and management capabilities, and has passed a series of system standard certifications such as GB/T19001-2016/ISO9001:2015 quality management. Our company has been rated as a national high-tech enterprise, a specialized and new enterprise, as well as an innovative enterprise of Hebei Province, and we have an independent R&D center. We always take credibility as basis; adhere to the business philosophy of building excellent quality with virtues, achieving superior service with actions, and meeting customer needs as the driving force for corporate development. We strive to build the Shanyue Heavy Industry brand and 100% customer satisfaction! Sincerely welcome customers worldwide to visit us and we will serve you wholeheartedly.

企业文化

Company Culture

企业使命：为客户创造价值；为员工发展和幸福而创造平台；为传统先进文化理念和社会进步和谐贡献力量；打造专业产品，为矿业创最大效益。

经营理念：以信誉为本；以德打造优良品质，以行成就优质服务；创造和谐，诚信感恩。

Company Mission: Create value for customers; provide a platform for the development and well-being of employees; make contributions to the traditional yet advanced ideas as well as the development and harmony of the society; offer professional products and maximize benefits to the mining industry.

Management Philosophy: Integrity is the foundation; building excellent quality with virtues, achieving superior service with actions; innovative and harmonious, honest and grateful.

企业优势

Advantage

1、技术实力雄厚。拥有专业技术人员 20 余名，并与国家级重点科研院所合作，加强企业技术、研发实力。

2、产品定位高端市场，已形成国内、国际，线上、线下完整的销售网络及完整的售后服务体系，整机所构成的各个零部件的材质，加工组装工艺都是按国际一流设备标准进行生产。

3、产品已经实现智能化控制，而且公司通过数字化智能系统和互联网云计算技术，建立了远程运维服务平台，实现了设备运行状态的实时监测和远程修

正；大幅度提高了设备运转率和可靠性，并实现了产品全生命周期服务。

4、公司专注矿山破碎筛分设备，已经成功研发并正式投产的 HC890i/895i 单缸液压圆锥破碎机，是目前同类设备中最大型号、最先进的破碎设备。该产品智能化程度高、可靠性高、处理量高，是建设绿色矿山的首选设备。

5、产品具有极高的性价比。比肩国际一流设备的品质，却拥有国产的价格，大幅度降低客户使用成本，从而实现开源节流。

1. Strong technical strength. We have more than 20 professional technical staffs, and cooperate with national key scientific research institutes to strengthen the company's technology and R&D capabilities.

2. Our products are positioned in the high-end market and our company has formed a complete domestic and international, online and offline sales network, as well as a complete after-sales service system. The materials, production and assembly processes are all accord with international first-class equipment standards.

3. Our products have realized intelligent control, and our company has established a remote operation and maintenance service platform through digital intelligent systems and Internet cloud computing technology that realizes real-time monitoring

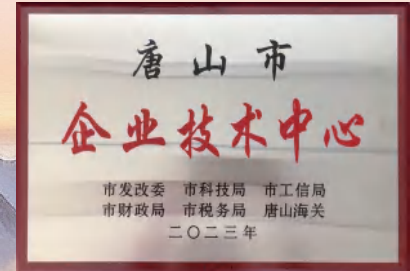
and remote correction of equipment operating status, which can greatly improve equipment operation rate and reliability and realize product life cycle services.

4. Our company focuses on mining crushing and screening equipment. The HC890i/895i single-cylinder hydraulic cone crusher, which has been successfully developed and officially put into production, is currently the largest and most advanced crushing equipment of its kind. This product has high intelligence, high reliability and high processing capacity, and is the first choice for building green mines.

5. Our products have extremely high cost performance. The quality is comparable to international first-class equipment, but with more affordable prices, which greatly reduces the customer's cost of use, thereby achieving revenue and expenditure reduction.

企业资质

Qualifications





山岳重工
SHANYUE HEAVY INDUSTRY

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PEC EUROPEAN VERSION JAW CRUSHER

PEC 欧版颞式破碎机

产品描述

PRODUCT DESCRIPTION

PEC 欧版颞式破碎机是一种挤压式机器，可在移动的齿板和固定的齿板之间破碎材料。它们主要用于初级破碎。

我司生产的 PEC 欧版颞式破碎机是采用国际最先进的破碎技术开发设计的新型破碎设备，是多种坚硬、强磨、蚀性物料进行破碎时首选的高效产品。电机与主机采用紧凑的一体式结构、对称的 V 型破碎腔、楔块调整结构，具有处理能力大、结构强度高等优点，适宜于破碎抗压强度不高于 280MPa 的各种石料。广泛应用于冶金、矿山、化工、水泥、建筑等行业。



PEC European version jaw crusher is an extrusion machine that crushes material between moving and fixed jaw plates. They are mainly used for primary crushing.

The PEC European version jaw crusher that we produce apply the most advanced international crushing technology. They are the best choice when crushing various hard, abrasive or corrosive materials with high efficiency. The motor and host apply compact integrated structure, symmetric V-shaped crushing chamber and wedge adjustment devices, which give the crushers high capacity and strong strength. This series are suitable for materials with compressive strength less than 280MPa and wide applied in metallurgy, mining industry, chemical industry, cement, construction, etc.

产品优势和特点

ADVANTAGES AND FEATURES

采用先进制造工艺和高质量的制作材料，大幅度的提高了产品的使用寿命。轴承座 采用整体式的铸钢结构，能够保证与破碎机架的完全配合，同时也大大增强了轴承座的径向强度，而传统的分体式轴承座不具备该优点。破碎腔采用对称“V”形结构，使实际

进料口宽度与名义进料口的宽度相一致，拓宽了进料粒度。排料口调整方式采用楔块调整，比老式的垫片调整更安全、简单和快捷。齿板采用高耐磨材料，延长了齿板的使用寿命，降低了生产成本。

This series of crushers applies advanced manufacturing technology and high quality raw materials , which greatly prolongs the life of the product. The bearing seat adopts an integrated cast steel structure to ensure it can fully support the rack of crushers, which greatly increases the radial intensity of the bearing seat, while the traditional detachable bearing seat does not possess this advantage. The symmetric V-shaped

chamber makes the actual feed inlet width consistent with the nominal feed inlet width, which widens the feeding size. The wedge setting adjustment is simpler, much safer and faster than outdated shim adjustment systems. Abrasion resistant materials are used to prolong the life of toothed plate and costs are reduced.



主要技术参数 TECHNICAL PARAMETERS

设备型号 Product model		PEC 600*900	PEC 750*1060	PEC 950*1250	PEC 1070*1400	PEC 1200*1400	PEC 1200*1600	PEC 1500*2000
进料口宽度 (mm) Feed inlet width (mm)		900	1060	1250	1400	1400	1600	2000
进料口深度 (mm) Feed inlet depth (mm)		600	750	950	1070	1200	1200	1500
电机功率 (kw) Power (kw)		90	110	160	200	200	250	400
产品粒度 (mm) Material size (mm)	紧边排料 (mm) Closed side setting (mm)	产量 (t/h) Processing capacity (t/h)						
0-60	40							
0-75	50							
0-90	60	80-100						
0-105	70	95-120	105-145					
0-120	80	115-140	120-165					
0-135	90	130-160	140-190					
0-150	100	150-180	160-215	190-240				
0-185	125	190-230	200-270	240-300	385-500	340-470		
0-225	150	230-280	250-325	290-350	455-590	400-555	430-610	
0-260	175	270-335	295-385	340-430	520-675	460-635	495-695	630-890
0-300	200		345-445	430-545	590-765	520-720	560-790	710-1000
0-340	225			455-570	655-850	580-800	625-880	785-1105
0-375	250			515-650	725-945	640-880	685-965	865-1215
0-410	275						745-1055	940-1320
0-450	300						815-1145	1015-1435

※ 以上数据所表示的破碎机产量是针对平均密度为 1.6t/m^3 ，进料和排料顺畅，无卡堵现象，进料中无小于排料口尺寸的物料。另外，产量还与物料的含泥含水量、松散密度、可碎性等相关。

The above-mentioned figures are the crushers capacities, which are based on a feed material with an average density of 1.6t/m^3 , a maximum feed size that will enter the crusher without blocking and material finer than the crushers closed side setting are excluded. The capacities may vary depending on feeding methods and on feed characteristics such as bulk density, cement content and crushability

GYRATORY CRUSHER

旋回破碎机

产品描述

PRODUCT DESCRIPTION

旋回破碎机是用于采矿和采石行业的重型设备，是集机械、液压、电气、自动化、智能控制等技术于一体的一款粗碎设备，主要用于处理能力要求较高的大型矿山。我司在其结构性能上做出重大改进，使其产量显著提升，同时也极大的缩短了配件更换时间，具有破碎比大，装机尺寸小，产品粒度均匀，维修方便，智能化程度高等特点，广泛应用于冶金、建材、化工、水电、陶瓷、耐火材料等行业。

Gyratory crusher is a heavy-duty equipment used in mining and quarrying industry, it is a coarse crushing equipment that integrates mechanical, hydraulic, electrical, automation, intelligent control and other technologies. It is mainly used in large mines which require high processing capacity. Our company has made major improvements in its structure and performance, which has significantly increased its output, at the same time, the parts replacement time is also greatly shortened. It has the characteristics of large crushing ratio, small installed size, uniform product particle size, easy maintenance, and high degree of intelligence, and widely applied in metallurgy, building materials, chemical industry, hydropower, ceramics, refractory materials and other industries.



产品优势 and 特点

ADVANTAGES AND FEATURES

1. 旋回破碎机的破碎能力非常强大。由于其特殊的设计，旋回破碎机能够处理各种硬度的物料，并且破碎粒度更细。此外，旋回破碎机的破碎比更大，这意味着它可以更有效地将大块物料破碎成小颗粒。

2. 旋回破碎机的结构简单、紧凑，易于维护和操作。它的破碎室形状简单，易于清理和维护。此外，旋回破碎机的可靠性高，故障率低，能够保证长期稳定的运行。

3. 旋回破碎机的能耗较低。由于其高效的破碎方式和优化的结构设计，旋回破碎机的能耗较低，能够为企业节省能源成本。

4. 旋回破碎机的环保性能优异。它采用封闭式破碎方式，减少了粉尘和噪音的污染。

5. 旋回破碎机的适应性强。它可以适应不同的物料特性和生产需求，通过调整破碎参数和更换磨损件来满足不同的生产要求。

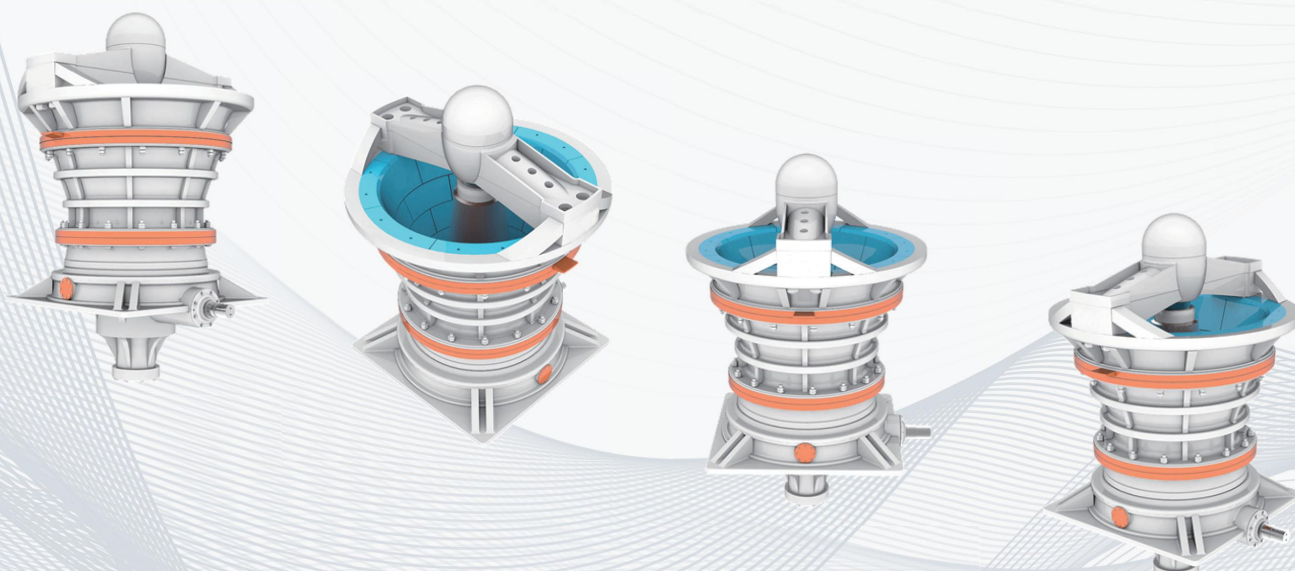
1. The crushing capacity of the gyratory crusher is very high. Due to its special design, the gyratory crusher can handle materials of various hardnesses and crush materials with finer particle sizes. In addition, the gyratory crusher has a larger crushing ratio, which means it can break large materials into small particles more efficiently.

2. The structure of the gyratory crusher is simple and compact, making it easy to maintain and operate. Its crushing chamber is simple in shape and easy to clean and maintain. In addition, the gyratory crusher has high reliability and low failure rate, ensuring long-term and stable operation.

3. The energy consumption of the gyratory crusher is low. Due to its efficient crushing method and optimized structural design, the gyratory crusher has low energy consumption and can save energy costs for enterprises.

4. The gyratory crusher has excellent environmental performance. It adopts a closed crushing method to reduce dust and noise pollution.

5. The gyratory crusher has strong adaptability. It can adapt to different material characteristics and production needs by adjusting crushing parameters and replacing wear parts to meet different production requirements.



主要技术参数

TECHNICAL PARAMETERS

设备型号 Model	42-65	50-65	54-75	62-75	60-89	60-110
给料口 (mm) Feeding Port Size (mm)	1066	1270	1370	1575	1525	1525
最大功率 (kw) Max Power (kw)	450	450	600	600	750	1500
排料口 (mm) Discharge Opening (mm)	处理量 (t/h) Processing Capacity (t/h)					
152	2354-3362	2414-3449	2908-4154	2913-4162		
177	2893-4133	2958-4226	3170-4529	3846-5494	4576-6538	5579-7970
203			3513-5018	4365-6235	5337-7625	7394-10562
230					5851-8359	8346-11923
254						8961-12802
305						9857-14082

※ 上述处理能力均根据以下假设条件：给料 100% 通过给料口宽度的 80%，80% 通过给料口的 50%，30% 通过尺寸为最大给料矿块度的 10% 的筛孔。这些能力均适用于松散密度为 1.6t/m3 的物料。所有能力值均为各设备的最大偏心距时的计算值。

※The above processing capacity is based on the following assumptions: 100% of the feed material passes through 80% of the feed opening width, 80% passes through 50% of the feed opening width, and 30% passes through sieve hole with size of 10% of the maximum feed material size. These capabilities are suitable for materials with density of 1.6t/m3 . All capability values are calculated at the maximum eccentricity of each equipment.



SINGLE CYLINDER HYDRAULIC CONE CRUSHER

单缸液压圆锥破碎机

产品描述 PRODUCT DESCRIPTION

单缸液压圆锥破碎机，主轴上下两端均有支撑，能承受更大的破碎力和更大的冲程，加上与层压破碎原理相适应的特殊破碎腔形，使该机具有更高的破碎效率，更大的生产能力，粒级更为均匀；同时多种腔形的中细破碎，仅仅更换定锥即可实现。双保险控制的液压与润滑系统，可确保该机的过载保护与良好的轴承润滑。我公司在其机械结构和工作原理方面进行了重大改进，独创的智能型控制系统能够提供一个非常安全稳定的调节、控制方式，当发生过铁现象的时候，破碎机可以很安全的进行自我处理。单缸支撑的结构使得主轴总成的上下调节和移动变得十分简单，操作人员可以随时对破碎机的排料口进行调节或者变更。

The single cylinder hydraulic cone crusher has supports at both ends of main shaft which can bear larger crushing force and has longer stroke, adding special chamber adapted to lamination crushing, making it more efficient and productive, and particle size is more even, meanwhile, the medium and fine crushing in different chambers can be achieved by simply replacing fixed bowl liner. The hydraulic and lubrication systems controlled by double insurance ensure the machine's overload protection and better bearing lubrication. We have greatly improved the crusher's mechanical structure and the working principle, our unique smart control system could provide safe and steady adjustment and control. When the iron phenomenon occurs, the crusher can handle itself safely. The single-cylinder support structure makes it very easy to adjust and move the main shaft assembly up and down, the operator can adjust or change the discharge port any time.



产品优势和特点

ADVANTAGES AND FEATURES

单缸液压圆锥破碎机坚固耐用、维修方便、层压破碎粒型优良、操作简单、维护方便、磨损低、节约成本，更高的生产能力、最佳的产品粒形，而且易于自动控制，具有最大可靠性和灵活性，真正为用户创

造更多价值；在发生过铁及瞬时闷车的情况下，能液压起顶，自动排料，大大降低了原弹簧圆锥破碎机需停机进行人工排料的烦恼，从而解决了传统圆锥破碎机因过铁卡死而停机的问题。

Our single cylinder hydraulic cone crusher is durable, cost-efficient, auto-controlled, and easy to operate and maintain. It has low wear resistance and produces even product granularities with large processing capacity, it is highly reliable and

flexible. If the iron is stuck, it can be hydraulically lifted and automatically discharged, to prevent shutdowns and manual discharge due to iron stuck happen on traditional spring cone crusher.



主要技术参数 TECHNICAL PARAMETERS

SC 系列 破碎机 SC series crusher	设备型号 Product model		SC2800		SC3800	
	电机最大安装功率 (kw) Max motor power (kw)		90		160	
	破碎类型 Crushing Chambers		EC	C	EC	C
	最大给料尺寸 (mm) Max Feed Size (mm)		240	200	360	300
	紧边排料口 CCS (mm) 下的 标准生产能力 (t/h) Running at CCS (mm) Standard Processing Capacity (t/h)	16		65-75		
		19	80-90	70-80	100-115	
		22	85-100	75-110	115-135	110-155
		25	90-130	80-145	125-145	115-165
		29	100-180	90-130	140-200	125-230
		32	105-195	95-130	145-265	135-290
		35	115-165		155-280	145-310
		38	120-170		165-355	150-330
		41			175-375	160-345
		44			185-395	170-305
51			205-295			
54			215-245			
SC 系列 破碎机 SC series crusher	设备型号 Product model		SC4800		SC6800	
	电机最大安装功率 (kw) Max motor power (kw)		250		355	
	破碎类型 Crushing Chambers		EC	C	EC	C
	最大给料尺寸 (mm) Max Feed Size (mm)		450	400	560	500
	紧边排料口 CSS (mm) 下的 标准生产能力 (t/h) Running at CSS (mm) Standard Processing Capacity (t/h)	25		205-235		
		29	235-270	225-325	265-305	
		32	250-290	240-345	295-340	285-405
		35	265-385	255-440	315-360	300-430
		41	300-515	285-585	350-500	335-580
		44	315-540	300-515	370-635	355-710
		51	350-600	335-385	410-825	395-905
		54	365-525		430-985	410-945
		60			465-1070	445-1025
		64			490-1125	470-945
70				525-1210	505-725	
76				560-1130		

※SC 系列破碎机有两种标准破碎腔型可选 C = 粗、EC = 特粗

※ There are two standard crushing chambers of SC series crusher, C=coarse, EC=extra coarse.

HC 系列破碎机 HC series crusher	设备型号 Product model	HC2800							
	电机最大安装功率 (kw) Max motor power (kw)		90						
	破碎类型 Crushing Chambers	EC	C	M	MF	F	EF		
	最大给料尺寸 (mm) Max Feed Size (mm)		130	90	64	48	38	18	
	紧边排料口 CSS (mm) 下的标准 生产能力 (t/h) Running at CSS (mm) Standard Processing Capacity (t/h)	4					25-40	30-40 (80% 细度 小于 4.5- 5.5mm) 30-40 (80% finer than 4.5- 5.5mm)	
		6					35-40		30-60
		8			35-50	40-75	30-60		
		10	45-55	45-60	40-85	40-80	30-65		
		13	50-100	45-105	40-90	45-80	35-55		
		16	55-105	50-110	45-90	45-60	40-45		
19		60-115	55-120	50-70					
22		60-120	55-125						
	25	65-130	60-135						
	32	75-145	70-80						

HC 系列破碎机 HC series crusher	设备型号 Product model	HC3800								
	电机最大安装功率 (kw) Max motor power (kw)		160							
	破碎类型 Crushing Chambers	EC	C	MC	M	MF	F	EF		
	最大给料尺寸 (mm) Max Feed Size (mm)		190	145	115	90	65	50	26	
	紧边排料口 CSS (mm) 下 的标准生产 能力 (t/h) Running at CSS (mm) Standard Processing Capacity (t/h)	4							70-90 (80% 细 度小于 5-5.6mm) 70-90 (80% finer than 5-5.6mm)	
		6								50-90
		8				60-75	60-70	50-95		
		10	70-85		55-65	65-100	65-120	55-100		
		13	70-125	65-150	60-160	70-150	70-130	60-110		
		16	75-170	70-165	65-175	75-165	75-145	65-120		
19		80-185	75-175	70-185	80-175	80-145	70-120			
22		85-195	80-185	75-200	85-185	85-130	70-110			
25		90-210	85-200	80-210	90-175	90-105	75-90			
		32	105-240	100-225	95-165	105-120				
	38	115-240	110-170							
	44									

HC 系列 破碎机 HC series crusher	设备型号 Product model		HC4800							
	电机最大安装功率 (kw) Max motor power (kw)		250							
	破碎类型 Crushing Chambers		EC	C	MC	M	MF	F	EF	
	最大给料尺寸 (mm) Max Feed Size (mm)		210	170	140	105	80	65	35	
	紧边排料口 CSS (mm) 下的标准生产 能力 (t/h) Running at CSS (mm) Standard Processing Capacity (t/h)	4							100-125 (80% 细 度小于 6-7.5mm) 100-125 (80% finer than 6-7.5mm)	
		6	80-95							
		8						90-155		
		10						115-130		95-200
		13		100-115	95-140	115-215	125-260	105-220		
		16	115-230	110-250	105-300	125-320	135-280	110-235		
19		120-315	115-335	115-325	135-345	145-300	120-255			
22		130-340	120-360	120-345	145-365	155-325	130-270			
25		140-360	135-380	130-370	155-390	165-345	135-290			
32		160-410	150-435	145-380	175-325	185-285	155-240			
38	175-455	165-385	160-280	195-225						
44	190-440	185-265								

HC 系列 破碎机 HC series crusher	设备型号 Product model		HC6800							
	电机最大安装功率 (kw) Max motor power (kw)		315							
	破碎类型 Crushing Chambers		EC	C	MC	M	MF	F	EF	
	最大给料尺寸 (mm) Max Feed Size (mm)		300	210	170	130	100	75	55	
	紧边排料口 CSS (mm) 下的标准生产 能力 (t/h) Running at CSS (mm) Standard Processing Capacity (t/h)	4								
		6								
		8								
		10							165-260	150-180
		13				180-220	190-220	195-350	210-335	
		16	175-205	170-220	160-290	195-340	205-425	210-375	225-365	
19		190-390	185-425	175-490	210-505	220-455	225-405	245-345		
22		205-500	195-550	185-525	225-540	235-485	240-430	260-335		
25		215-535	210-585	200-555	240-575	250-520	255-460			
32		235-630	240-670	225-635	275-575	285-520	325-370			
38	270-695	265-740	250-575	300-465						
44	300-760	290-590	275-420							
51	330-585	315-405								

HC 系列 破碎机 HC series crusher	设备型号 Product model		HC870							
	电机最大安装功率 (kw) Max motor power (kw)		630							
	破碎类型 Crushing Chambers		EC	C	MC	M	MF	F	EF	
	最大给料尺寸 (mm) Max Feed Size (mm)		300	240	195	155	100	90	80	
	紧边排料口 CSS (mm) 下的标准生产 能力 (t/h) Running at CSS (mm) Standard Processing Capacity (t/h)	10							280-405	
		13							357-395	304-517
		16					379-424	385-656	328-558	
		19	406		380-440	400-563	407-716	414-704	352-598	
		22	448-588	433-636	406-723	428-786	434-765	442-752	376-639	
		25	477-849	461-893	432-837	455-836	462-814	470-800	400-680	
		32	544-968	525-1018	492-954	519-953	527-928	535-912	455-775	
		38	601-1070	581-1125	544-1055	573-1054	582-942	592-857	503-728	
		44	658-1172	636-1232	596-1155	628-1154	638-789	649-718	551-669	
		51	725-1291	700-1357	657-1272	692-1271	702			
57	782-1393	756-1464	708-1373	746-1372						
64	849-1512	820-1461	769-1370	810-1248						
70	906-1331	876-1286	821-1206	865-1098						

HC 系列 破碎机 HC series crusher	设备型号 Product model		HC890i						
	电机最大安装功率 (kw) Max motor power (kw)		750						
	破碎类型 Crushing Chambers		EC	C	MC	M	MF	F	
	最大给料尺寸 (mm) Max Feed Size (mm)		370	330	300	230	160	120	
	紧边排料口 CSS (mm) 下的标准生 产能力 (t/h) Running at CSS (mm) Standard Processing Capacity (t/h)	10							
		13						204	248-289
		16				267-312	220-514	368-669	
		19				342-513	287-670	237-690	287-838
		22		397	365-852	307-951	253-921	307-895	
		25	394-459	422-774	389-1232	326-1106	269-980	326-952	
		32	449-1309	482-1404	443-1404	372-1261	306-1117	372-1085	
		38	496-1446	532-1552	490-1552	411-1394	339-1235	411-1165	
		44	543-1584	583-1700	536-1700	450-1526	371-1352	450-1051	
		51	598-1745	642-1873	591-1873	496-1681	409-1490	496-827	
57	646-1883	693-2020	637-2020	535-1814	441-1607	535-625			
64	701-2043	752-2193	692-2005	580-1800	598-1396				
70	748-2181	803-2140	803-1739	720-1564	638-1170				

HC 系列破碎机 HC series crusher	设备型号 Product model	HC895i		
	电机最大安装功率 (kw) Max motor power (kw)	750		
	破碎类型 Crushing Chambers	EFX	EF	EEF
	最大给料尺寸 (mm) Max Feed Size (mm)	120	85	75
	紧边排料口 CSS (mm) 下 的标准生产能力 (t/h) Running at CSS (mm) Standard Processing Capacity (t/h)	10	185-246	178-475
		13	212-423	193-564
		16	228-666	209-608
		19	245-715	224-653
		22	262-763	239-697
		25	278-812	254-742
		32	317-926	290-846
		38	351-994	321-855
		44	384-896	351-761
		51	423-705	387-580
		57	457-533	417
		64	470-862	
		70	502-669	

※HC 系列破碎机有多种腔型可选 EEF= 超特细, EF = 特细、F = 细、MF = 中细、M = 中、MC = 中粗、C = 粗、EC = 特粗

※ 以上各表中所给出数值是近似值, 它指出了破碎机的生产性能指标。表中数据是针对堆比重为 1.6t/m^3 干物料开路生产时破碎机性能。计算时假设给料中不包含比破碎机紧边排料口 (CSS) 细的物料。另外所选偏心距、破碎比、给料粒度组成及其含水泥含量等均会影响破碎机性能。

※There are several crushing chambers of HC series crusher: EEF=Super fine, EF=extra fine, F=fine, EFX=Quasi-extra fine, MF=medium fine, M=medium, MC=medium coarse, C=coarse, EC=extra coarse.

※The figures above are approximants, which show the capacities of the crushers. Capacity is total tons per hour passing through crusher at open circuit when bulk density of feeding is 1.6t/m^3 . Materials finer than the crushers' closed-side setting (CSS) are excluded. Capacities are relative to eccentricity, crushing ratio, feeding size composition and the amount of cement in the materials.

设备近似起吊重量

APPROXIMATE WEIGHT, KG

型号 Model	SC2800	SC3800	SC4800	SC6800	HC2800	HC3800	HC4800	HC6800	HC870	HC890i	HC895i
维修时最大起重量 Heaviest Lift During Manintenance	2300	5100	8100	16500	1400	2900	4700	7300	13000	21600	24900
总重 Total Weight	6800	12000	19300	36500	5300	9200	14300	23500	50000	76100	79100

MULTI-CYLINDER HYDRAULIC CONE CRUSHER

多缸液压圆锥破碎机

产品描述

PRODUCT DESCRIPTION

多缸液压圆锥破碎机是我公司在引进、吸收欧美液压圆锥破碎机技术的基础上，开发、优化的新型圆锥破碎机。与其他圆锥破碎机相比，具有能耗低、破碎比大、可靠性高、生产能力大、自动化程度高、操作维护简单、产品粒形好、易损件成本低等特点。

液压圆锥破碎机可破碎中等硬度以上的物料，如铁矿石、铜矿石、有色金属矿石、石灰石、石英、花岗岩、砂岩等，广泛应用于冶金、建筑、水电、交通、化工等行业。用于石料生产线时，可作二级、三级或四级破碎。

The multi-cylinder hydraulic cone crusher is a new type of cone crusher developed and optimized on the basis of absorbing world advanced technology. Compared with other cone crushers, it has the characteristics of low energy consumption, higher crushing ratio, high reliability, large production capacity, high degree of automation, simple operation and maintenance, good product particle shape, and low cost of wearing parts.

Hydraulic cone crusher can crush materials with medium hardness or above, such as iron ore, copper ore, non-ferrous metal ore, limestone, quartz, granite, sandstone, etc. It is widely used in metallurgy, construction, hydropower, transportation, chemical industry and other industries. When used in stone production lines, it can be used for secondary, tertiary or quaternary crushing.



产品优势 and 特点

ADVANTAGES AND FEATURES

1: 多缸液压圆锥破碎机针对传统的弹簧式圆锥破碎机进行了性能升级、改良，而且结构合理。设备利用了多缸液压技术，使破碎机的破碎比较大，在保证产量达标的情况下，能耗也得到了控制，并且适用的石料多，尤其适合破碎硬度不超过 300Mpa 的石料。

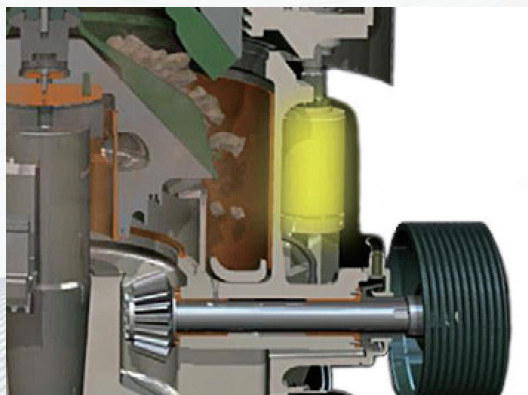
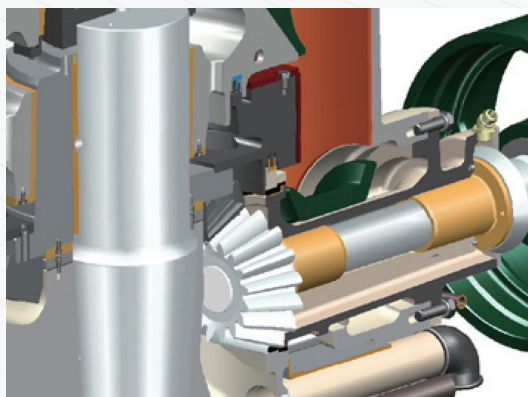
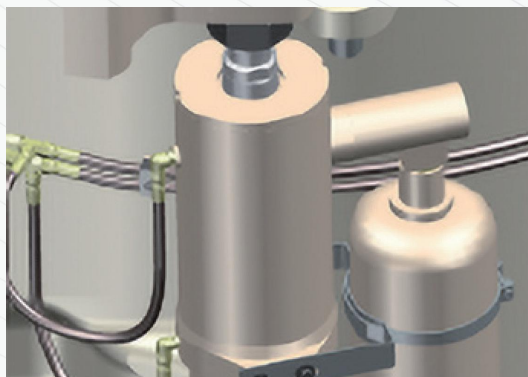
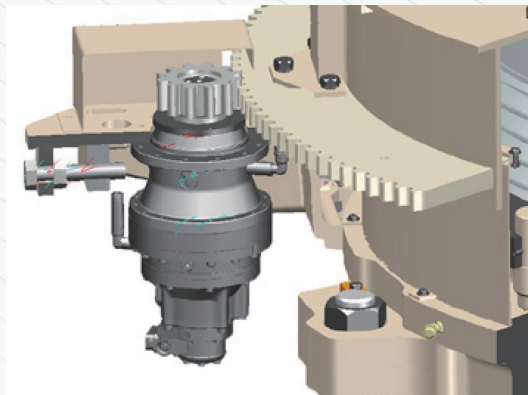
2: 多缸液压有着特殊的破碎腔设计，产能被大大提高。半自动液压调整排料口，可有效控制石料粒度，成品料能够达到自己需要的规格大小。所以使用起来更加经济更加实用。

3: 我司在制造多缸液压圆锥破时，采用高强度整体铸造机壳，并且有过铁保护，安全可靠，不论设备破碎质地多坚硬的石料，设备性能都十分稳定，且使用寿命长。

1. Compared with traditional spring-type cone crusher, the multi-cylinder hydraulic cone crusher has performance upgrades and improvements,, and the structure is more reasonable. The equipment uses multi-cylinder hydraulic technology to make the crusher have a larger crushing ratio. While ensuring that the output reaches the standard, the energy consumption is also controlled. It is suitable for a wide range of stones, especially suitable for material with hardness no more than 300Mpa.

2. The multi-cylinder hydraulic has a special crushing cavity design, which greatly improves the production capacity. The semi-automatic hydraulic adjustment of the discharge port can effectively control the particle sizes of the stone, so that the finished material can reach the required specifications. Therefore, it is more economical and practical to use.

3. Our company uses high-strength overall cast shell when producing the multi-cylinder hydraulic cone crusher and have iron-blocking protection, which is safe and reliable. No matter how hard the stone is crushed, the equipment performance is very stable and has a long service life.



主要技术参数

TECHNICAL PARAMETERS

设备型号 Model		SHP 300					
电机功率 (kw) Power (kw) :250		最大处理量 (t/h) Maximum Capacity (t/h): 440					
破碎腔 Crushing Chamber	标准 型 Standard Type			短头型 Short Head Type			
	腔型 Chamber	最小排料口 (mm) Min Discharge Port (mm)	紧边给料口 (mm) Tight edge feed port (mm)	最小排料口 (mm) Min Discharge Port (mm)	紧边给料口 (mm) Tight edge feed port (mm)		
	超粗 Extra Coarse	25	233				
	粗 Coarse	19	211	10	77		
	中粗 Middle Coarse	17	150	8	53		
	细 Fine	13	107	6	22		
超细 Extra Fine				6	25		
设备型号 Model		SHP 400					
电机功率 (kw) Power (kw) : 315		最大处理量 (t/h) Maximum Capacity (t/h): 630					
破碎腔 Crushing Chamber	标准 型 Standard Type			短头型 Short Head Type			
	腔型 Chamber	最小排料口 (mm) Min Discharge Port (mm)	紧边给料口 (mm) Tight edge feed port (mm)	最小排料口 (mm) Min Discharge Port (mm)	紧边给料口 (mm) Tight edge feed port (mm)		
	超粗 Extra Coarse	30	299				
	粗 Coarse	25	252	10	92		
	中粗 Middle Coarse	20	198	8	52		
	细 Fine	14	111	6	51		
超细 Extra Fine				6	52		
设备型号 Model		SHP 500					
电机功率 (kw) Power (kw) : 400		最大处理量 (t/h) Maximum Capacity (t/h): 790					
破碎腔 Crushing Chamber	标准 型 Standard Type			短头型 Short Head Type			
	腔型 Chamber	最小排料口 (mm) Min Discharge Port (mm)	紧边给料口 (mm) Tight edge feed port (mm)	最小排料口 (mm) Min Discharge Port (mm)	紧边给料口 (mm) Tight edge feed port (mm)		
	超粗 Extra Coarse	30	335				
	粗 Coarse	25	286	13	95		
	中粗 Middle Coarse	20	204	10	57		
	细 Fine	16	133	8	52		
超细 Extra Fine				6	53		
设备型号 Model		SHP600					
电机功率 (kw) Power (kw) : 500		最大处理量 (t/h) Maximum Capacity (t/h): 790					
破碎腔 Crushing Chamber	腔型 Chamber	最小排料口 (mm) Min Discharge Port (mm)	开边给料口 (mm) Open side feed port (mm)	紧边给料口 (mm) Tight edge feed port (mm)			
	超粗 Extra Coarse	30	375	328			
	粗 Coarse	25	327	279			
	中 Medium	20	254	196			
	细 Fine	13	170	106			
	超细 Extra Fine	9	122	52			
设备型号 Model		SHP800					
电机功率 (kw) Power (kw) : 600		最大处理量 (t/h) Maximum Capacity (t/h): 1200					
破碎腔 Crushing Chamber		标准 型 Standard Type			短头型 Short Head Type		
	腔型 Chamber	最小排料口 (mm) Min Discharge Port (mm)	开边给料口 (mm) Open side feed port (mm)	紧边给料口 (mm) Tight edge feed port (mm)	最小排料口 (mm) Min Discharge Port (mm)	开边给料口 (mm) Open side feed port (mm)	紧边给料口 (mm) Tight edge feed port (mm)
	超粗 Extra Coarse	32	375	353			
	粗 Coarse	32	340	297	13	210	155
	中 Medium	25	308	267	10	150	92
	细 Fine	16	264	219	5	98	33

Y-VSI IMPACT CRUSHER

Y-VSI 系列高效冲击破

产品描述

PRODUCT DESCRIPTION

Y-VSI 系列高效冲击破适用于破碎各种硬、脆物料，如铁矿石、铜矿石、金银矿石、钼矿石、铅锌矿石、钨矿石、锰矿石、玻璃原料、耐火材料、陶瓷、水泥、人工制砂、刚玉、滑石、橄榄石、长石、萤石、

石灰石、碳化硅、钢渣等多种特硬、中硬及磨蚀性物料的细碎与中碎作业，是一种高效节能的细碎、粗磨设备。



Y-VSI series high efficiency impact crusher is suitable to crush various of hard and crispy materials such as iron ore, copper ore, gold and silver ore, molybdenum ore, lead-zinc ore, tungsten ore, manganese ore, glass raw materials, refractory materials, ceramics, cement, artificial sand, corundum, talc, olivine,

feldspar, fluorescein stone, limestone, silicon carbide, steel slag and other ultra-hard and medium-hard materials. It is also applicable in fine crushing and medium crushing of abrasive materials. Y-VSI is an energy efficient equipment well suited to fine crushing and coarse grinding.

产品优势 and 特点

ADVANTAGES AND FEATURES

1. Y-VSI 液压启盖装置便于在机器维修时进入内部，从而确保停车时间短，便于安装。

2. Y-VSI 立轴冲击式破碎机能够通过优化多种变量进行产品粒级控制，如：改变转子速度；用不同的环状破碎腔；调整瀑布流；用不同直径的转子。

3. 由于维修要求低，易于操作，Y-VSI 可方便快捷地与现有的或规划中的破碎设备相匹配。

4. 安装简单快捷。破碎机仅需要极少的支承结构，是理想的移动式设备。

5. 能够控制产品粒级，使细料产量尽可能最大或最小。

6. 能够生产高等级立方体的产品。

7. 优异的单体解粒特性，提高矿物回收率。

8. 选择性破碎作用。

9. 多种型号可供任何细碎和第四级破碎使用。



1. Y-VSI hydraulic cover opening device facilitates entrance into the machine during maintenance, which shortens the downtime and facilitates installment.

2. Y-VSI vertical shaft impact crusher can control materials particle size by optimizing multiple variables, such as changing the rotor speed, using different ring-shaped crushing chambers, adjusting the waterfall flow or using rotors with different diameters.

3. Due to its low maintenance requirements and easy operation, Y-VSI crushers can perfect match with the crushers in place or planned to be installed.

4. Quick and simple to install. The crusher adopts minimal support structure with high mobility.

5. Good control of the particle size. Maximized or minimized production of fine materials based on needs.

6. It can produce high grade cubic materials.

7. Excellent performance of mineral liberation and improved mineral recovery.

8. Selective crushing functions.

9. Various model available for fine-crushing and quaternary crushing.



主要技术参数 TECHNICAL PARAMETERS

设备型号 Product model		Y-VSI8522			Y-VSI9532		Y-VSI1145		
处理能力 (t/h) Capacity (t/h)	溢料进料 Flash feed	90-140	120-190	160-250	220-340	300-460	330-510	375-580	430-660
	全中进料 Full feed	70-120	95-155	125-205	170-270	230-350	255-395	290-450	330-510
最大进料力度 (mm) Maximum feed size (mm)	软料 Soft material	40			45		50		
	硬料 Hard material	40			40		45		
安装功率 (kw) Installation power (kw)		160	200	250	2*160	2*200	2*220	2*250	2*280
驱动配置 Driving modules		单电机 Single motor			双电机 Double motors				
转速 (r/min) Rotating speed (r/min)		1200-1800			1100-1700		1000-1500		
整机重量 (t) Weight (t)		13			16.5		19		



配件系列

ACCESSORIES SERIES



备注：我司提供全系列产品配件，库存充足，发货迅速。建议根据使用情况提前订购配件备用，避免无法及时更换配件造成提产，甚至因为备件更换不及时缩短机器的使用寿命。

Note: We provide spare parts for full series of products, with abundant inventory and fast delivery. We kindly advise you to order spare parts in advance based on the use condition, to avoid production shutdown, or even shortening the service life of equipment because spare parts are not replaced in time.

工程案例 PROJECT CASES

EPC 项目 | EPC Projects

项目名称 Project	某矿业公司铁矿，砂石料联产项目 Iron ore, sand and gravel joint production project			
设计规模 Design Scale	1000 吨 / 小时 1000t/h			
成品粒度 Crushed Size	小于 15mm Less than 15mm			
工作制度 Working Hours	20 小时 / 天 20 hours per day			
生产流程 Production Process	三段两闭路破碎流程 Three stages and two closed circuits crushing process			
设备明细 Equipment List	作业 Process	设备名称 Equipment	设备型号 Model	数量 Quantity
	粗碎 Coarse crushing	欧版颚式破碎机 European version jaw crusher	PEC1200x1600	一台 One set
	中碎 Medium crushing	单缸液压圆锥破碎机 Single cylinder hydraulic cone crusher	HC870	一台 One set
	细碎 Fine crushing	单缸液压圆锥破碎机 Single cylinder hydraulic cone crusher	HC870	两台 Two sets
	预筛分 Pre-screening	椭圆等厚振动筛 Banana vibrating screen	2STDM3673	一台 One set
	检查筛分 Check screening	重型直线振动筛 Linear vibrating screen	LS-3060D	四台 Four sets
		重型直线振动筛 Linear vibrating screen	LS-2160S	一台 One set



项目升级改造 | Project Upgrading And Rebuilding

项目背景：原生产线故障率高，运转率低，产能不达标。
Project background: The original production line had a high failure rate, low operating rate, and substandard production capacity.

项目名称 Project	某矿业公司生产线改造项目 Upgrading of old production line					
设计规模 Design Scale	1500 吨 / 小时 1500t/h					
成品粒度 Crushed Size	小于 10mm Less than 10mm					
工作制度 Working Hours	20 小时 / 天 20 hours per day					
生产流程 Production Process	三段一闭路破碎流程 Three stages and one closed circuit crushing process					
设备明细 Equipment List	作业 Process	设备名称 Equipment	改造前 Before upgrading		改造后 After upgrading	
			设备型号 Model	数量 Quantity	设备型号 Model	数量 Quantity
	中碎 Medium crushing	单缸液压圆锥破碎机 Single cylinder hydraulic cone crusher	CC400-EC	三台 Three sets	HC6800-EC	两台 Two sets
					HC870-MF	一台 One set
	细碎 Fine crushing	单缸液压圆锥破碎机 Single cylinder hydraulic cone crusher	CC400-EF	六台 Six sets	HC6800-EF	五台 Five sets
					HC870-EF	两台 Two sets

改造后：
1. 产能提升一倍。
2. 故障率大大降低。
3. 配件更换周期明显延长。

After Upgrading:
1. Production capacity doubled.
2. The failure rate is greatly reduced.
3. The parts replacement cycle is significantly extended.





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