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**AGGREGATE
EQUIPMENT
AND SOLUTION**

砂石骨料装备、EPC、EPCO、系统解决方案

枣庄鑫金山智能装备有限公司
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企业简介 / ENTERPRISE PROFILE

枣庄鑫金山智能装备有限公司(原枣庄市金山机械有限公司)是专业制造破碎、筛分、洗选/输送、成套砂石设备和矿山设备的制造厂家以及EPCO综合服务商。鑫金山机械是中国砂石协会副会长单位、中关村绿色矿山产业联盟副理事长单位、山东省专利协会理事单位、中国再生骨料协会常务理事单位。

公司已通过了ISO9001:2015国际质量体系、ISO5001:2018职业健康安全、ISO14001:2015环境体系认证,获得建材行业工程总承包资质,是国家高新技术企业、国家级专精特新小巨人企业、国家工业企业知识产权运用试点企业、省级优秀企业、省瞪羚标杆企业;公司研发中心被评为省级企业技术研究中心、省级工业设计中心、省级工程实验室、省级工程技术研究中心、省级院士工作站、博士后创新实践基地。参与制定《GB51186—2016机制砂石骨料工厂设计规范》,同时建立了行业首家的院士工作站——高品质骨料、高性能混凝土研究中心,实现了产学研高效融合。

公司先后投资建设现代化的生产中心200余亩,年产值20亿元。公司倾力打造集研发、生产、销售、安装、维护、培训服务为一体的专业团队,在山东、河南、河北、安徽、甘肃、湖南、湖北、云南、重庆等地布局了20余个服务网点,竭诚为客户提供优质高效的服务。产品覆盖全国各地,并出口到南非、越南、缅甸、泰国、巴拿马等10多个国家和地区。

Zaozhuang xinjinshan Intelligent Equipment Co., Ltd. (formerly Zaozhuang Jinshan Machinery Co., Ltd.) is a professional manufacturer of crushing, screening, washing / conveying, complete sets of sand and stone equipment and mining equipment, as well as a comprehensive EPCO service provider. Xinjinshan machinery is the vice president unit of China gravel Association, the vice president unit of Zhongguancun green mine industry alliance, the director unit of Shandong Patent Association and the executive director unit of China recycled aggregate Association. The company has passed iso9001:2015 international quality system certification, iso5001:2018 occupational health and safety certification and iso14001:2015 environmental system certification, and obtained the EPC qualification in the building materials industry. It is a national high-tech enterprise, a national specialized and new small giant enterprise, a pilot enterprise for the application of intellectual property rights in national industrial enterprises, a provincial excellent enterprise and a provincial gazelle benchmark enterprise; The R & D center of the company has been rated as provincial enterprise technology research center, provincial industrial design center, provincial engineering laboratory, provincial engineering technology research center, provincial academician workstation and post doctoral innovation practice base. Participated in the formulation of gb51186-2016 code for design of machine-made gravel aggregate factory, and established the industry's first academician Workstation - high quality aggregate and high performance concrete research center, realizing the efficient integration of industry, University and research. The company has invested in the construction of a modern production center of more than 200 mu, with an annual output value of 2 billion yuan. The company strives to build a professional team integrating R & D, production, sales, installation, maintenance and training services. It has laid out more than 20 service outlets in Shandong, Henan, Hebei, Anhui, Gansu, Hunan, Hubei, Yunnan and Chongqing to provide customers with high-quality and efficient services. The products cover all parts of the country and are exported to more than 10 countries and regions such as South Africa, Vietnam, Myanmar, Thailand and Panama.

鑫金山 品牌文化 / BRAND CULTURE



品牌使命 BEAND MISSION

共创金山银山, 共享绿水青山



品牌愿景 BEAND VISION

卓越的绿色矿山装备制造与综合服务商



品牌价值观 BEAND VALUES

以人为本 德才兼备

开拓创新 卓越品质

诚实守信 合作共赢

只为成功想办法 不为失败找理由



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ACADEMICIAN WORKSTATION

2015年11月7日，枣庄鑫金山智能机械股份有限公司院士工作站签约、揭牌仪式在山东枣庄隆重举行。中国砂石协会会长胡幼奕先生、中国水泥协会常务副会长孔祥忠先生、中国工程院院士缪昌文先生、国家工信部产业政策司原处长袁克兰女士、山东省机械工业协会会长郭金明先生、北京建筑大学宋少民教授等诸多行业权威人士出席了揭牌仪式。会上,签署了金山机械院士工作站《合作协议》，至此枣庄鑫金山智能机械股份有限公司院士工作站正式成立。

On November 7, 2015, Zaozhuang Xinjinshan Intelligent Machinery Share Co., Ltd held the grand ceremony of the Academician workstation contract and inauguration at Zaozhuang, Shandong Province. The attended guests are Mr. Hu Youyi, the president of China sand and gravel aggregate Association, Mr. Kong Xiang-zhong, of the executive Vice President of China Cement Association, Academician Miu Changwen, of the academician of Chinese Academy of Engineering, Mrs. Yuan Kelan, the former director of Department of Industrial Policy of Ministry of Industry and Information Technology, Mr. Guo Jinming, of the president of Shandong Province Machinery Industry Association, Professor Song Shaomin, of the professor of Beijing University of Machinery Engineering and Architecture, and many other industry authorities. The signing of Jinshan academician workstation Cooperation Agreement means the academician workstation of Zaozhuang Xinjinshan Intelligent Machinery Share Co., Ltd is established from then on.



院士工作的研究方向

- (1) 高品质砂石骨料关键技术研究
- (2) 高性能混凝土关键技术研究
- (3) 高品质砂石骨料装备关键技术研究
- (4) 骨料加工产生的石粉、建筑废弃物再生骨料及尾矿资源化综合利用研究与骨料研究中心

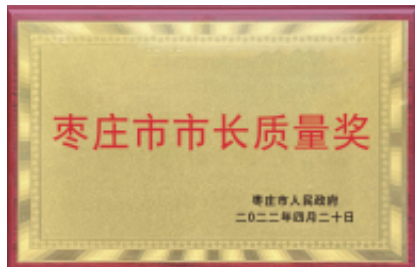
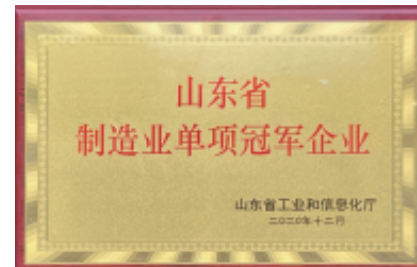
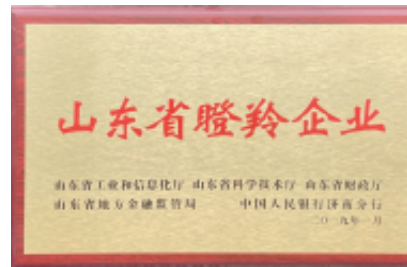
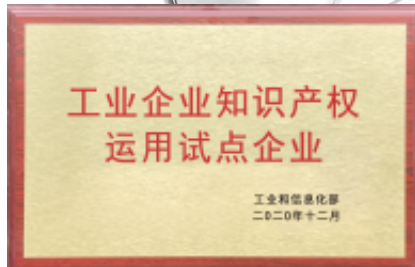
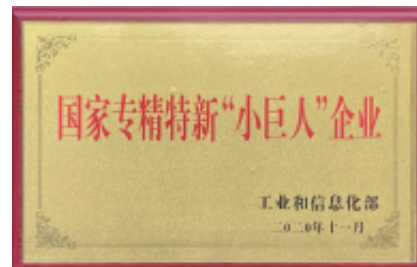
Researching direction of academician workstation

1. The key technology of high quality sand and stone aggregate
2. The key technology of high performance concrete
3. The key technology of equipment for high quality sand and stone aggregate
4. The comprehensive recycling utilization of the powder from the aggregate production process, construction waste recycled aggregate and tailings, and establishing the aggregate researching center.

“制砂楼站、RV制砂机、破碎装备等3项技术和装备入选自然资源部《矿产资源节约和综合利用先进适用技术目录(2019版)》

"Three technologies and equipment, including sand making building station, RV sand making machine and crushing equipment, were selected into the catalogue of advanced and applicable technologies for mineral resource conservation and comprehensive utilization (2019 Edition) issued by the Ministry of natural resources.

荣誉证书 Certificate of honor



2018绿色矿山科学技术奖一等奖

2018 Green Mine Science and Technology Award First Prize



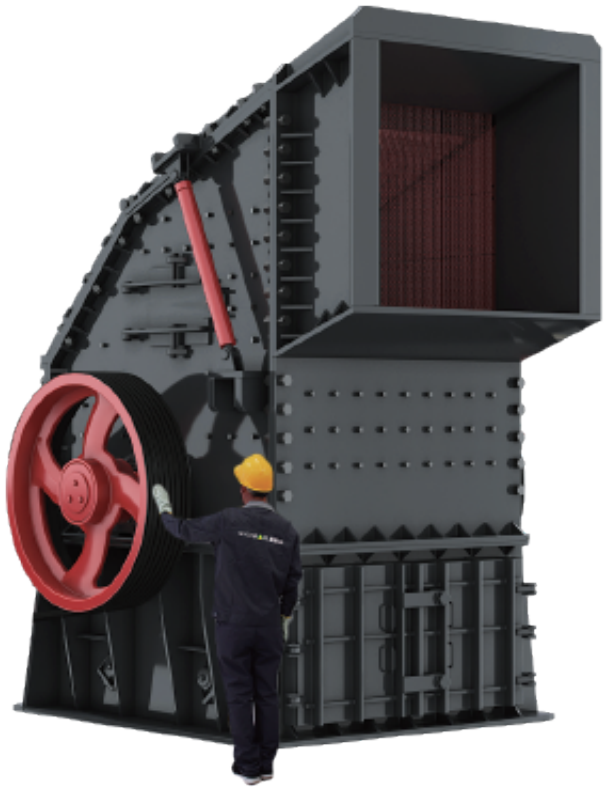
鑫金山连续多年荣获“国内首台套技术装备及关键核心零部件”殊荣

Xinjinshan has won the honor of "the first set of technical equipment and key core parts in China" for many consecutive years



NEW SINGLE-ROTOR HAMMER CRUSHER
(new single-rotor heavy hammer impact crusher)

新型单段锤式破碎机 (新型单段重锤反击破)



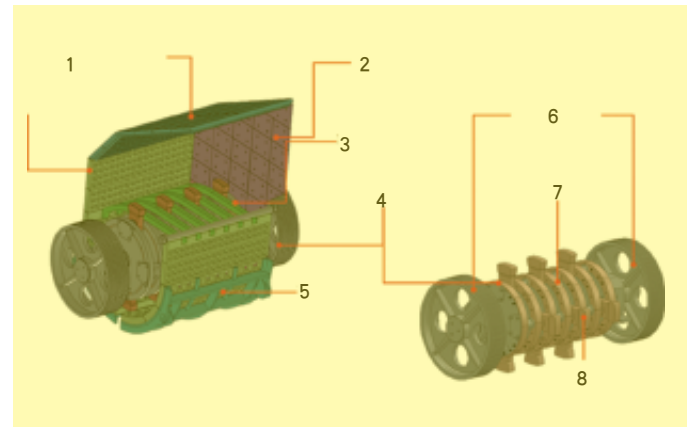
工作原理/WORKING PRINCIPLE

- 破碎原理：鑫金山新型单段锤破(新型单段重锤反击破)采用“铁打石、石打铁、石打石”三元组合的破碎原理。
- 上部破碎腔内，石块滑入机腔棚条格挡，随即被重型锤头剪切与抛起，矿石高速撞击尖齿矩阵型反击板，反作用力通过接触点以及石料内部纹理释放，实现石料的快速碎裂，该过程称作“点破碎”，破碎效率高于传统击打破碎的100%以上。
- 上腔内矿石打石再次相互碰撞，混合破碎后的矿石落入下部破碎腔内。矿石受到重型锤头的滚动碾压整形，锤头与筛板的间距对石料起到粒径控制作用，直至石料同时小于篦缝切角尺寸时，从排料口排出，减少过破碎率的同时，最大限度减少了石粉的产生。

Crushing principle: xinjinshan new single-rotor hammer crusher(new single-rotor heavy hammer impact crusher) adopts the crushing principle of "iron striking stone, stone striking iron and stone striking stone". In the upper crushing chamber, the stone slides into the cage of the machine chamber, which is then sheared and thrown up by the heavy hammer. The ore hits the sharp tooth matrix type impact plate at high speed. The reaction force is released through the contact point and the internal texture of the stone to realize the rapid fragmentation of the stone. This process is called "point crushing", and the crushing efficiency is more than 100% of the traditional crushing. The ore in the upper chamber collides with each other again, and the crushed ore falls into the lower crushing chamber. The ore is rolled and shaped by heavy hammer head. The distance between hammer head and screen plate controls the particle size of stone. When the stone is less than the cutting angle size of grate joint at the same time, it is discharged from the discharge port to reduce the over crushing rate and minimize the generation of stone powder.

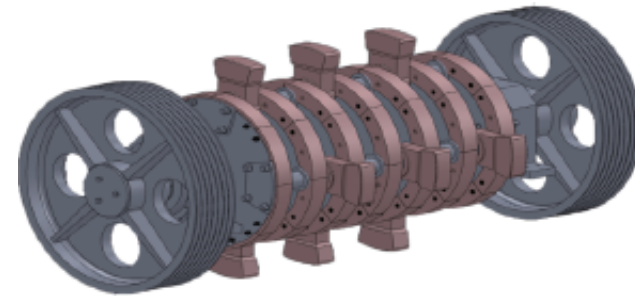
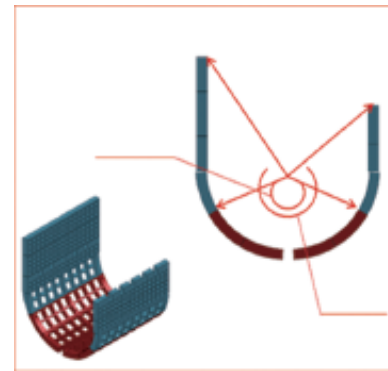
- ◆ 45项国家专利
- ◆ 独有“石粉控制”技术
- ◆ 三元组合破碎模式
- ◆ 操作简易
- ◆ 高效节能精品骨料线核心
- ◆ 破碎吨能耗低于0.5度电
- ◆ 荣获国内技术装备首台(套)认证
- ◆ 水泥厂石灰石破碎机优质替代品

- ◆ 45 national patents
- ◆ The unique "powder control technology"
- ◆ Ternary combination crushing mode
- ◆ Easy to operate
- ◆ The core of energy-efficient and high quality aggregate production line
- ◆ Energy consumption of crushing ton is lower than 0.5kw consumption
- ◆ Won the first domestic technical equipment (set) certification
- ◆ The perfect substitute for the limestone crusher of cement plants



核心部位/CORE PART

- | | |
|-----------|---|
| 1.倒钉子型反击板 | 1.inverted nail type impact plate |
| 2.超高锰合金衬板 | 2.Super high manganese alloy scaleboard |
| 3.棚条 | 3.shed |
| 4.新型转子 | 4.new rotor |
| 5.调节筛板 | 5.adjustment screening plate |
| 6.加大型双皮带轮 | 6.bigger double belt pulley |
| 7.耐磨护套 | 7.Wear resistant sheath |
| 8.特制重型锤头 | 8.ordered heavy hammer |



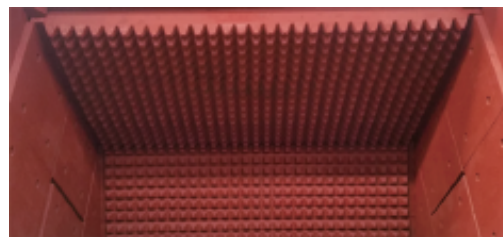
结构分析/STRUCTURE ANALYSIS

- 270度筛板和锤头错位布置，减少石粉产生。
- 耐磨护套，降低部件磨损。
- 双皮带轮，降低电机使用率。

270degrees screening plate and hammer dislocation arrangement head scattered, reducing pender capacity.
Wear resistant sheath, reducing parts wearing.
Double belt pulley, reducing motor cost ratio.

转子优势/ROTOR ADVANTAGE

- 降低锤头数量，提高石料通过量，降低石粉量，改善工人的劳动强度，节省了设备损耗费用。
 - 转子采用双皮带轮结构，增大转子的惯性及稳定性。
 - 锤盘护套，提高转子使用寿命。
- Reducing number of hammer; improve stone throughput, reduce the amount of powder, improve the labor intensity of workers, saving the equipment wear costs.
Rotor with double belt pulley, improving rotor's inertia and stability.
Wear resistant sheath, improving rotor's use life.

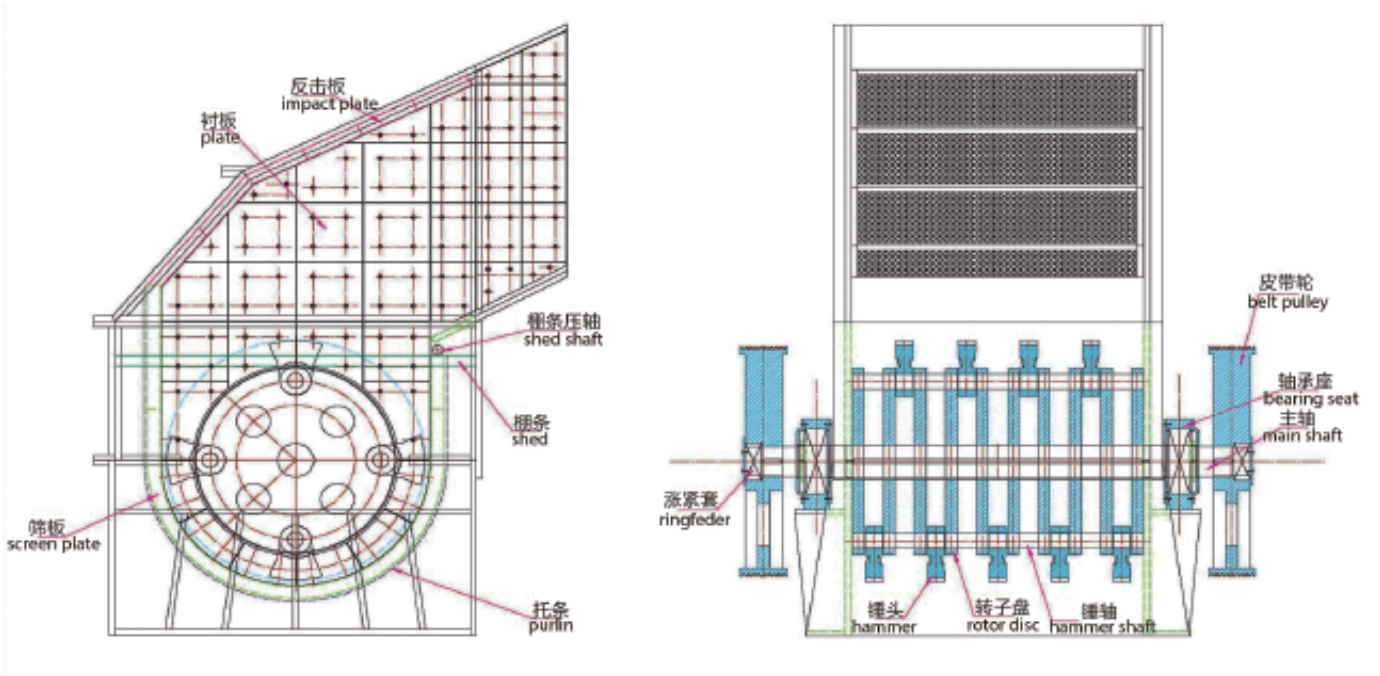


倒钉子型反击板/INVERTED NAIL COUNTERATTACK PLATE

- 新型单段锤壳体上部安装倒钉子型反击板，取代了传统的反击板，提高了石打铁环节的破碎率，提高了设备产量。
Inverted nail type impact plate installed on the upper of new single-rotor hammer crusher's shell and take place of traditional impact plate, improving crushing ratio of stone hitting iron and capacity.

棚条取代給料辊、底部可调节式筛板、耐磨件全包围结构、粒型多为多边形，产品圆润规则，抗压强度高。

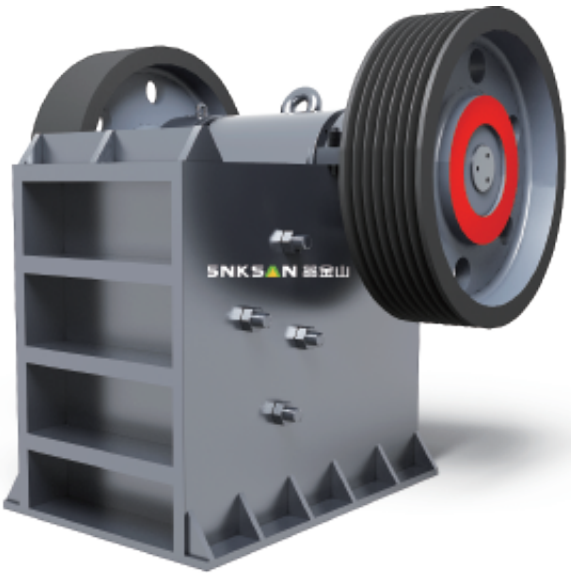
Shed takes place of feeding roller, bottom adjustment screening plate, wearing part fully-covered structure, aggregate shape is polygon, the product is round and rule, compressive strength is high.



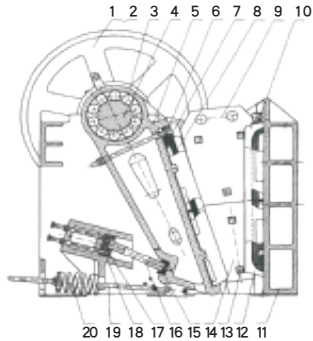
规格与性能参数表		Specifications:				
型号 Model	针对石材 Stone type	产量 Capacity	进料粒度 Feeding size	转速 Speed	功率 Motor power	规格 Specification
	(≤150MPa stone)	(t/h)	(mm)	(r/m)	(kw)	(L×W×H-mm)
JSPCD1616	≤150MPa 各类岩石	200-300	≤700	420	250	3145X2685X2975
JSPCD1620		300-400	≤700	420	315	3670X2765X3105
JSPCD1624		350-450	≤700	420	355	2820X3410X3105
JSPCD1820		450-550	≤700	350	400	4080X3255X3770
JSPCD1824		550-650	≤700	350	500	4480X3225X3770
JSPCD1826		650-800	≤800	350	560	4680X3225X3770
JSPCD2224		800-1000	≤1000	350	800	4770X4125X5580
JSPCD2226		1000-1300	≤1000	350	1000	4970X4125X5580
JSPCD2426		1500-1800	≤1000	280	1120	5310X4775X6200
JSPCD2626		2000-2500	≤1000	280	1250	5310X4775X6200
JSPCD2630		3000-3500	≤1000	280	1600	5600X4775X6200
JSPCD3030		4000-4500	≤1000	280	1000X2	5800X5000X6300
JSPCD3032		4500-5500	≤1000	280	1250×2	6470x6000x7800

注：破碎机产能跟岩石性质密切相关，选型时请跟我司技术支持工程师联系沟通。
Note: Crusher productivity is closely related to rock properties. Please contact our technical support engineer when selecting crusher type.

JAW CRUSHER 颚式破碎机



该系列产品采用铸钢机架和动颚，强度高，寿命长，具有破碎比大、产品粒度均匀、结构简单、工作可靠、维修简便、运营费用低等特点。广范应用于矿山、冶炼、建材、公路、铁路、水利和化学工业等众多部门，破碎抗压强度不超过320兆帕的各种物料。
This series of products adopt cast steel frame and moving jaw to realize very high crushing strength and long operation life, which is also characterized by large crushing ratio, uniform product size, simple structure, reliable performance,easy maintenance, low operational cost,etc.It is widely used in industries of mines, smelting, building materials, roads, railways,water conservancy, chemical industry, etc. to crush various materials under compressive strength 320MPa.



- | | | | |
|---------|---------|----------------------|-----------------------------|
| 1 皮带轮 | 11 机座 | 1 pulley | 11 base |
| 2 平轮 | 12 固定颚板 | 2 flat wheel | 12 fixed jaw plate |
| 3 轴承 | 13 护板螺栓 | 3 bearing | 13 fender bolts |
| 4 偏心轴 | 14 下护板 | 4 eccentric shaft | 14 down guard plate |
| 5 动颚 | 15 肘板护板 | 5 moving jaw | 15 toggle plate guard plate |
| 6 螺杆 | 16 肘板 | 6 screw | 16 toggle plate |
| 7 动颚压块 | 17 肘板垫板 | 7 moving jaw clamps | 17 toggle plate guard pad |
| 8 活动颚板 | 18 垫板 | 8 moving jaw plate | 18 pad |
| 9 上护板 | 19 拉杆 | 9 top guard | 19 trolley |
| 10 静颚压块 | 20 弹簧 | 10 static jaw clamps | 20 spring |

规格与性能参数表		Specifications:		
型号 Model	最大给料尺寸 Maximum feed size	排料口间隙 Discharge clearance	生产能力 Capacity	功率 Motor power
	(mm)	(mm)	(t/h)	(kw)
JSPE600*900	480	75-150	85-170	75
JSPE750*1060	630	75-200	160-240	110
JSPE900*1200	750	95-220	220-450	132
JSPE1200*1500	1000	150-350	420-900	220
JSPE1500*1800	1200	180-400	630-1200	355

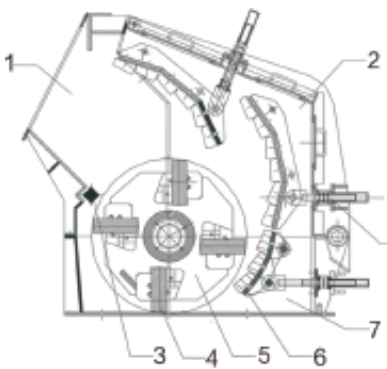
IMPACT CRUSHER

反击式破碎机



● JSPF系列反击式破碎机（反击破）是我公司在吸收国内外先进技术，结合国内砂石行业具体工矿条件而研制的最新一代反击式破碎机。它采用最新的制造技术，独特的结构设计，加工成品呈立方体，无张力和裂缝，粒型好，能破碎进料粒度不超过500mm、抗压强度不超过350MPa的各种粗、中、细物料（花岗岩、石灰石、混凝土等），广泛应用于各种矿石破碎、铁路、高速公路、能源、水泥、化工、建筑等行业。其排料粒度大小可以调节，破碎规格多样化。

JSPF impact crusher is the latest generation impact crusher,which is made by absorbing domestic and international advanced technology and combining with sand and gravel industrial and mining conditions in China. It adopts latest manufacturing technology and unique structure design. Its aggregate is cube-shaped without tension and rift. It can crush the less than 500mm and compress strength less than 350MPa coarse, intermediate and fine aggregates(such as granite,limestone,concrete).JSPF impact crusher is widely used in ores, railways, expressway, energy, cement, chemical, building industry and so on. Moreover, its discharging granularity is adjustable with diversified crushing specifications.



- 1.前上箱
 - 2.后上箱
 - 3.方钢
 - 4.板锤
 - 5.转子
 - 6.衬板
 - 7.底座
 - 8.调整装备
- 1.front upper box
 - 2.back upper box
 - 3.square steel
 - 4.plate hammer
 - 5.rotor
 - 6.plate
 - 7.bottom seat
 - 8.adjustment equipment

规格与性能参数表		Specifications:		
型号 Model	功率 Motor power (KW)	进料口尺寸 Feeding perty size (mm)	生产能力 Capacity (t/h)	重量 Weight (t)
JSPF-1007V	37-55	400*1080	30-50	9.51
JSPF-1010V	55-75	400*1080	50-80	12.12
JSPF-1210V	110-132	400*1080	70-120	14.4
JSPF-1214V	132-160	400*1430	130-180	19.58
JSPF-1310V	110-132	600*1100	80-120	14.62
JSPF-1315V	190-260	860*1520	160-250	19.8
JSPF-1520V	280-320	960*2020	280-350	45
JSPF-1820V	710	1600*2020	400-600	65
JSPF-2020V	900	1800*2020	600-800	90
JSPF-2025V	1250	2530*1840	1100-1400	125

GYRATORY CRUSHER

旋回式破碎机

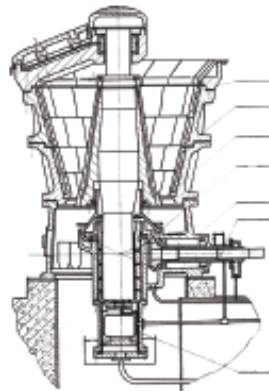


● 旋回破碎机是冶金、建材、化工、水电等工业部门用于粗碎矿石或岩石的主要设备之一，具有破碎比大、生产能力高、产品力度均匀等特点。旋回破碎机由传动部、机座部、偏心套部、破碎圆锥部、中架体部、横梁部、原动部、油缸部、滑车部、电器和干油、稀油润滑系统部分组成。

破碎机工作时，电动机通过水平轴和一对伞齿轮带动偏心轴套旋转，破碎圆锥轴线在偏心轴套的迫动下做旋摆运动，使得破碎壁表面时而靠近又时而离开破碎壁表面，从而使矿石在破碎腔内不断地受到挤压和弯曲而被破碎，被破碎的物料靠自重从破碎腔底部排出。

Gyratory crusher is one of main equipment rough crushing ores or rocks in metallurgy,building material,chemical,hydro-power industry and so on, and has features as follows:high crushing ratio,high production,uniform intensity.Gyratory crusher is made of drive parts,base,eccentric sleeve,crushing cone,middle frame,crossbeam,motor, oil cylinder,sliding vehicle,electric apparatus,grease,diluted lubrication system and so on.

During its operation,motor drives the eccentric sleeve through horizontal shaft and a pair of bevel gears,thus crushing cone shaft axis does swinging on the force of eccentric sleeve,crushing wall approaches and leaves the ores alternately,finally,the ores are squeezed and crushed constantly in the crushing chamber. The crushed ores are discharged from the bottom of the crushing chamber by gravity.



- 1.横梁部
 - 2.中架体部
 - 3.破碎锥部
 - 4.偏心套部
 - 5.机座部
 - 6.传动部
 - 7.液压油缸部
- 1.crossbeam
 - 2.middle frame
 - 3.crushing cone
 - 4.eccentric sleeve
 - 5.machine seal
 - 6.drive part
 - 7.hydraulic oil cylinder

规格与性能参数表

Specifications:

型号 Model	给料口尺寸 Feeding port size (mm)	排料口尺寸 Discharging port size (mm)	最大给料尺寸 Maximum feeding size (mm)	排料口调整范围 Discharging port adjustment scope (mm)	功率 Motor power (kw)	处理能力 Capacity (t/h)
JSPXZ0506	500	60	420	60-75	130	140-170
JSPXZ0710	700	100	580	100-130	140	310-400
JSPXZ0909	900	90	750	90-120	210	380-510
JSPXZ0913	900	130	750	130-160	210	625-770
JSPXZ0917	900	170	750	170-190	210	815-910
JSPXZ1216	1200	160	1000	160-190	310	1250-1480
JSPXZ1221	1200	210	1000	210-230	310	1560-1720
JSPXZ1417	1400	170	1200	170-200	400	1750-2060
JSPXZ1422	1400	220	1200	210-230	430	2160-2370
JSPXZ1618	1600	180	1350	180-210	620	2400-2800
JSPXZ1623	1600	230	1350	210-240	620	2800-3200

XJS HYDRAULIC CONE CRUSHER

XJS型液压圆锥破碎机



主要特点/MAIN FEATURES

- 结构新颖、独特、简单合理、运转平衡、运行成本低。
- 锥破碎机本体均为铸钢结构，在重载部位高应力点设置有加强肋。
- 锥破碎机驱动轴两端装有圆锥滚子轴承，动力驱动由重载锥齿轮完成，轴承座采用骨架式密封圈防止润滑油泄露。
- 锥破碎机均有内、外铜质套（即内、外铜），一个钢质的球面座和一个球面铜。防尘圈由放置在球面座内的弹簧浮起，在机器运转过程中起调节作用。
- 锥破碎机均包含液压调整结构，便于快速调整锥破碎机排料口大小。
- 本体机架上下部由多个重型油缸连接，锁固可靠，清腔方便。

锥破碎机用液压氮气瓶释放保护。

- 锥破碎机采用一套外置的包括油泵、油箱、管路的润滑系统。当油温过高或油流速过慢时将自动关闭破碎机。

Novel and unique structure,simple and reasonable,balance operation,low cost.

The body of cone crusher is cast steel. There are the stiffeners on the high stress points.

Cone crusher has cone bearings on the both ends,the power drive is done by the heavy-load gear,and the bearing seat adopts frame sealing ring preventing the leak of the lubrication.

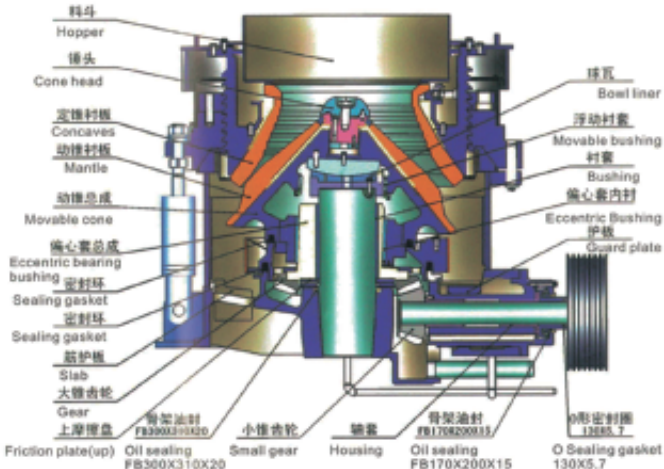
The cone crusher has the inner and outside copper bushing(inner copper and outside copper),one steel ball seat and one ball cooper. The dustband is floated up by the spring in the ball seat, which has the function of adjustment in the crusher operation.

The cone crusher has hydraulic adjustment structure,which is convenient for adjusting the discharging port size

The upper and down machine frame are connected by several heavy oil cylinders, good locked and easy cleaning.

The cone crusher has"hydraulic nitrogen gas bottle"releasing protection.

Cone crusher with an external lubrication system which comprises an oil pump, fuel tank, pipeline. When the oil temperature is too high or oil flow is too slow, the crusher will automatically shut down.



PDY短头型液压圆锥破碎机参数： PDY short-head hydraulic cone crusher specifications

型号 Model	破碎腔型 Chamber model	标准型 Standard type		短头 Short head		功率 Motor power (kw)	生产能力 Capacity (t/h)
		给料口尺寸 feeding hole size min (mm)	最小排料口 Discharging size (mm)	给料口尺寸 Feeding hole size (mm)	最小排料 Min. discharging size (mm)		
XJS200	超粗 (BC)						
	粗 (C)	185	19	76	10		
	中 (M)	125	17	54	8	132-200	90-250
	细 (F)	95	13	23	6		
	超细 (EF)			10	6		
XJS300	超粗 (BC)	230	25				
	粗 (C)	210	20	75	10		
	中 (M)	150	15	50	8	180-250	115-440
	细 (F)	105	10	20	6		
	超细 (EF)			20	6		
XJS400	超粗 (BC)	295	30				
	粗 (C)	250	25	90	10		
	中 (M)	195	20	50	8	280-355	140-630
	细 (F)	110	14	40	6		
	超细 (EF)			30	6		
XJS500	超粗 (BC)	330	30				
	粗 (C)	285	25	90	13		
	中 (M)	200	20	55	10	355-450	175-790
	细 (F)	133	16	40	8		
	超细 (EF)			35	6		
XJS800	超粗 (BC)	353	32				
	粗 (C)	297	32	155	13		
	中 (M)	267	25	92	10	580-630	260-1200
	细 (F)	219	16	33	6		
	超细 (EF)			20	6		

CJL&CJS高性能单缸液压圆锥破碎机

CJL&CJS HIGH PERFORMANCE SINGLE CYLINDER HYDRAULIC CONE CRUSHER



● 主要特点/MAIN FEATURES

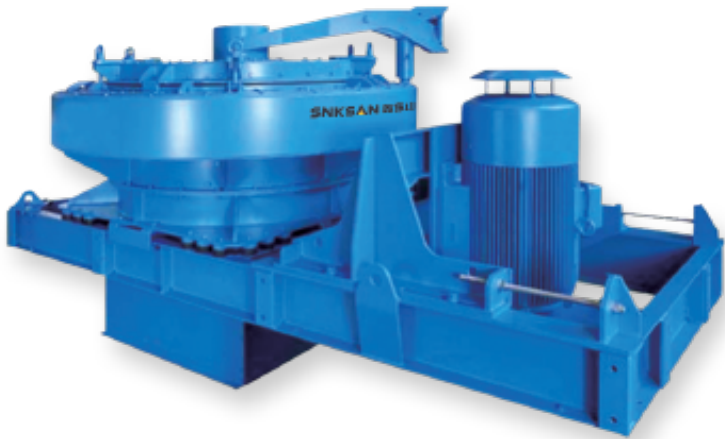
- 鑫金山圆锥破碎机设计先进，机体紧凑，破碎能力强。其破碎效率高而且能生产出极好粒型的产品。紧边排矿口（CSS）通过液压调整，用户可以选择自动控制、多种不同的破碎腔形及其他许多高性能特性。每种型号都可适应用户的多种需求，易于使用维护，作业率高。
- 鑫金山机械的CJL和CJS系列圆锥破碎机有非常广泛的应用，通过选择合适的破碎腔型及偏心距，就可以很方便的适应不同的生产要求。我们的圆锥破碎机作为二段和三段破碎机十分理想，它紧凑的结构、易于维护的设计特点也使它们成为移动设备的首选。
- 鑫金山系列圆锥破碎机提供自动过载保护，可配备智能排放口自动调整系统ASRi。该系统可提高圆锥破碎机的利用率，并自动适应给料条件的变化。通过不断的测试和补偿破碎机衬板磨损，可让用户充分利用破碎机衬板，轻松制定衬板的更换和设备的保养计划。ASRi也可帮助用户保持破碎机挤满给料，最大程度的实现层压破碎，有利于提高破碎效率、产品质量和衬板利用率。

CJL&CJS Xinjinshan cone crusher has advanced design, compact body and strong crushing ability. It has high crushing efficiency and can produce excellent granular products. Close edge drainage (CSS) through hydraulic adjustment, users can choose automatic control, a variety of different crushing chambers and many other high-performance features. Each model can meet the various needs of users, easy to use and maintain, high operating rate. The CJL and CJS series cone crushers of Xinjinshan Machinery are widely used. By choosing suitable crushing chamber and eccentricity, they can easily meet different production requirements. Our cone crusher is ideal as two-stage and three-stage crushers. Its compact structure and easy maintenance design make them the first choice for mobile devices. Xinjinshan series cone crusher provides automatic overload protection and can be equipped with intelligent discharge port automatic adjustment system ASRi. The system can improve the utilization ratio of cone crusher and automatically adapt to the change of feeding conditions. Through continuous testing and compensation of the lining wear of crusher, users can make full use of the lining of crusher, and easily make lining replacement and equipment maintenance plan. ASRi can also help users to keep crusher full of feed, maximize lamination crushing, which is conducive to improving crushing efficiency, product quality and liner utilization.

CJL&CJS单缸液压圆锥破碎机参数：		CJL&CJS Single Cylinder Hydraulic Cone Crusher			
型号 Model	腔型 chambre Size	最大进料 Max Feeding Sizes (mm)	排料口调整尺寸 Adjusting Range of Output Size (mm)	生产能力 Capacity (t/h)	功率 Motor power (kw)
CJL200	特粗	240	22-38	85-112	90
	粗	200	19-32	70-96	
CJL300	特粗	360	25-54	126-214	160
	粗	300	22-48	108-285	
	中粗	235	19-48	91-275	
CJL400	特粗	450	35-54	267-601	250
	粗	400	29-51	225-511	
	中粗	300	25-51	195-486	
CJL600	特粗	560	41-83	349-1050	315
	粗	500	38-70	318-892	
CJS200	特粗	135	10-32	46-128	90
	粗	90	10-32	43-118	
	中	65	8-19	36-80	
	中细	50	6-16	36-53	
	细	38	4-16	37-57	
	特细	29	4.5-5.5	30-40	
CJS300	特粗	185	13-38	69-208	160
	粗	145	13-38	66-197	
	中粗	115	10-32	57-184	
	中	90	10-32	64-154	
	中细	75	8-25	61-126	
	细	50	6-25	48-105	
	特细	35	5-5.6	70-90	
CJS400	特粗	215	16-44	114-395	250
	粗	175	13-44	101-378	
	中粗	140	13-38	97-328	
	中	110	13-38	117-339	
	中细	85	10-32	114-263	
	细	70	8-32	90-251	
	特细	38	6-7.5	100-125	
CJS600	特粗	275	16-51	177-662	315
	准特粗	245	16-51	174-654	
	粗	215	16-51	171-643	
	中粗	175	16-44	162-552	
	中	135	16-38	197-502	
	中细	115	13-38	192-451	
	细	85	13-38	195-401	
	特细	65	13-22	211-316	

IMPORTED TWIN-CAVITY IMPACT CRUSHER

进口双腔式冲击破碎机



尺寸和重量（标准型设计） / DIMENSION & WEIGHT (STANDARD DESIGN)

型号 Model	A	B	C	D	E	F	重量 ⁴⁾ Weight
RSM×0913	3950mm	2400mm	2355mm	318mm	990mm	2380mm	7500kg
RSM×0922	3950mm	2400mm	2355mm	318mm	990mm	2380mm	7800kg
RSM×1222	5080mm	2860mm	2675mm	457mm	1468mm	2720mm	12100kg
RSM×1233	5080mm	2980mm	2825mm	457mm	1468mm	2870mm	13500kg

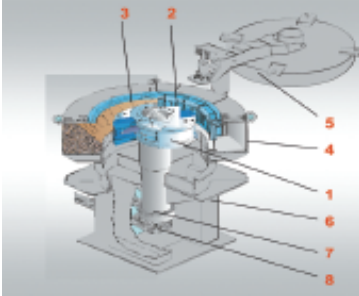
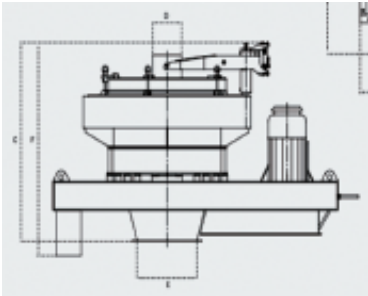
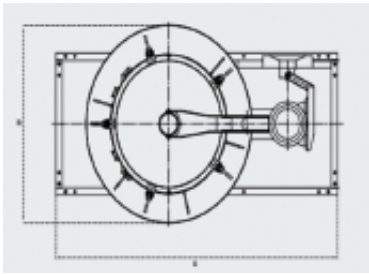
标准型设计的重量数据中不包括电机和附件。
Either motor or accessory is included in the weight data of stadard design models.

性能参数（标准型设计） / TECHNICAL PARAMETERS (STANDARD DESIGN)

型号 Model	转子直径×高度 Rotor D*H	圆周速度 Peripheral Speed	驱动功率 Drive Power	通过能力 ²⁾ Throughput Capacity	进料尺寸 ³⁾ Feed Size
RSM×0913	930×135mm	70m/s	75–160kw	30–75t/h	45–56mm
RSM×0922	930×220mm	70m/s	90–160kw	30–90t/h	56–70mm
RSM×1222	1200×220mm	70m/s	160–400kw ¹⁾	100–400t/h	80–100mm
RSM×1233	1200×330mm	70m/s	200–400kw ¹⁾	200–400t/h	80–150mm

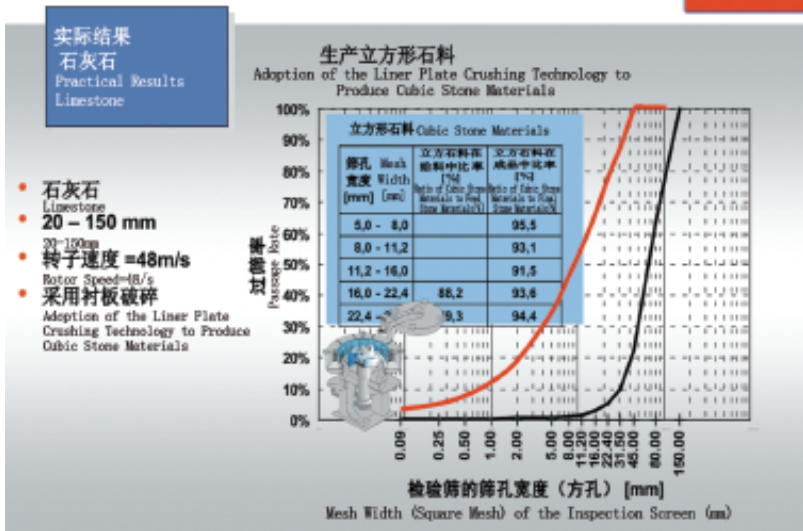
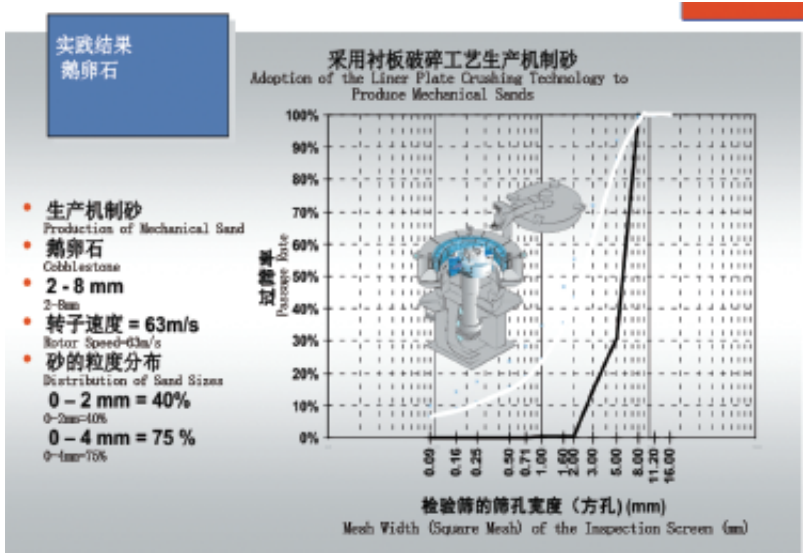
驱动功率大于400KW的双驱动装置，敬请垂询。
通过能力取决于转子圆周速度和进料级配曲线。
进料尺寸取决于石料类型、转子圆周速度和进料配曲线中最大粒径的比例（方孔型筛网）。
Welcome to inquire technical parameters of double drive device with drive power larger than 400 KW.
Throughout capacity depends on peripheral speed of the rotor and feed grading curve.
Feed size depends on stone materials type, peripheral speed of the rotor, portion of large stone materials in the feed grading curve (square mesh).

内部结构/INNER STRUCTURE



1. 双腔式转子
 2. 破碎衬板
 3. 砂床破碎
 4. 上部结构壳体
 5. 旋转式上盖
 6. 下部结构壳体，安装在机体框架上，并装有减震橡胶
 7. 轴承装有闭路油润滑剂系统
 8. V型皮带驱动
- 1.Twin-Cavity Rotor
 - 2.Crushing Liner Plate
 - 3.Crushing Sand Bed
 - 4.Upper Shell Structure
 - 5.Rotary Upper Cover
 - 6.Lower Shell Structure: installed on the body frame & equipped with damping rubber
 - 7.Bearing: equipped with closed circuit oil lubrication system
 - 8.V-Shaped Belt Drive

粒径曲线图/PARTICLE SIZE CURVE CHART



GRINDING VERTICAL SHAFT SAND MAKING MACHINE

立轴研磨制砂机



尺寸和重量 (标准型设计) /DIMENSION & WEIGHT (STANDARD DESIGN)

型号 Model	A	B	C	D	E	重量 ³⁾ Weight
RPM0813	2800mm	1270mm	1975mm	219mm	770mm	4400kg
RPM1113	3080mm	1500mm	2110mm	406mm	940mm	6800kg
RPM1513	4500mm	1900mm	2125mm	610mm	970mm	9100kg

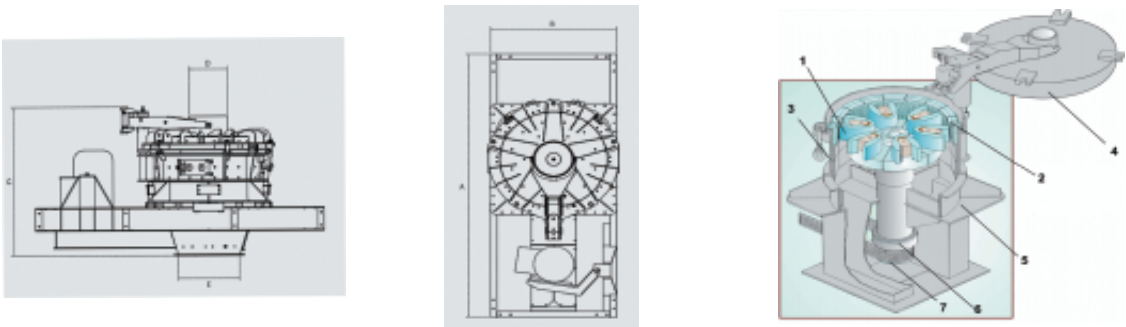
性能参数 (标准型设计) /TECHNICAL PARAMETERS (STANDARD DESIGN)

型号 Model	转子直径x高度 Rotor D*H	锤棒数量 Qty. of Hammers	圆周速度 (最大) Peripheral Speed (Max.)	驱动功率 (最大) Drive Power (Max.)	通过量 ¹⁾ (最大) Throughput Capacity (Max.)	进料粒度 ²⁾ (最大) Feed Size (Max.)
RPM0813	850x135mm	6 件(pcs)	65m/s	55kw	20t/h	45mm
RPM1113	1150x135mm	8 件(pcs)	70m/s	132kw	35t/h	56mm
RPM1513	1500x135mm	12 件(pcs)	70m/s	200kw	70t/h	56mm

- 通过量取决于转子圆周速度和进料级配曲线。
- 进料粒度取决于石料类型、转子圆周速度和进料级配曲线中大颗粒的份额（筛分到方孔网上）。
- 标准设计型的重量据中不包括电机和附件。

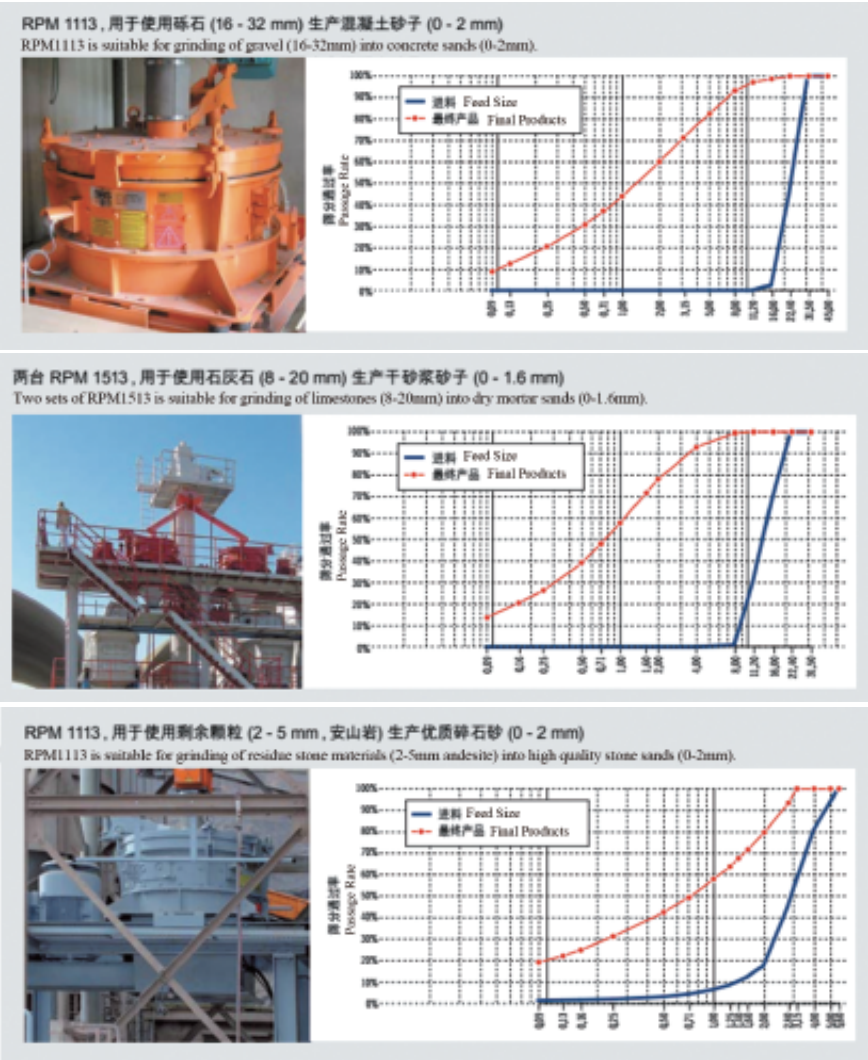
Throughput capacity depends on peripheral speed of the rotor and feed grading curve;
Feed size depends on stone materials type, peripheral speed of the rotor, portion of large stone materials in the feed grading curve (not passing the square mesh).
Either motor or accessory is included in the weight data of standard design models.

内部结构/INNER STRUCTURE



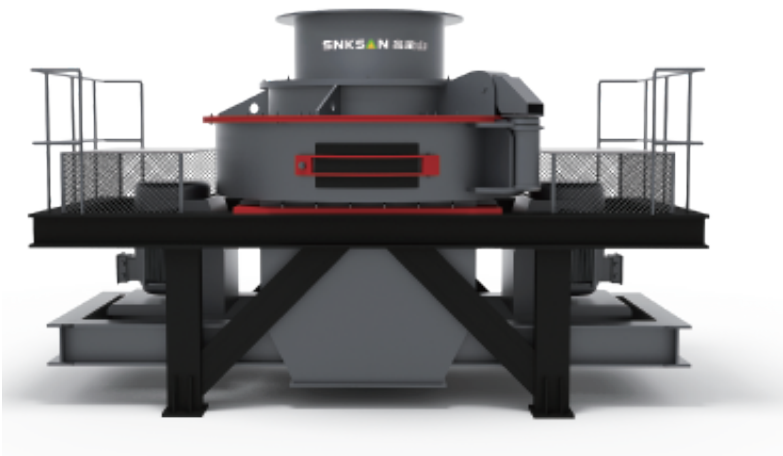
- 1.带马蹄形锤头的转子
 - 2.环形衬板
 - 3.上部箱体
 - 4.旋转式上盖
 - 5.下部箱体，安装在主体框架上，配有减震装置
 - 6.轴承带有闭路油润滑系统
 - 7.V型皮带驱动
 - 其他：电机，电控柜
- 1.Rotor Equipped with Horseshoe Hammers
 - 2. Annular Liner Plate
 - 3. Upper Box Body
 - 4. Rotary Upper Cover
 - 5. Lower Box Body: installed on the main body frame & equipped with damping device
 - 6. Bearing: equipped with closed circuit oil lubrication system
 - 7. V-Shaped Belt Drive
 - Other: Motor and Electric Control Cabinet

粒径曲线图/PARTICLE SIZE CURVE CHART



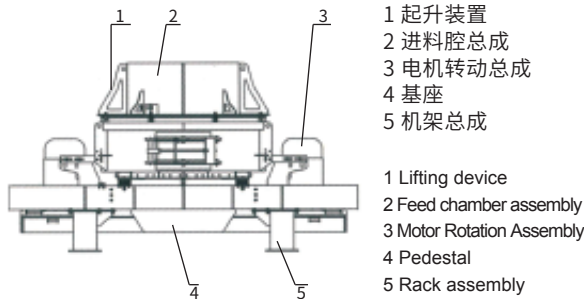
VERTICAL IMPACT SAND MAKER

立轴冲击式制砂机



- JS系列立轴冲击式破碎机是我公司吸收德国先进技术研制生产的、具有国际先进水平的高性能破碎设备。该机有“石打石”和“石打铁”两种形式。
- 破碎效率高，具有细碎、粗磨功能。
- 结构简单，安装、维修方便，运行成本低。
- 结构粒形优异，呈立方体，针片状含量少。

JS vertical impact crusher is made by our absorbing Germany's advanced technology and is international advanced high-performance sand maker machine. The machine has two working principles:ores hit ores and ores hit steel. High-efficiency crushing,fine crushing and rough grinding. Simple structure,easy installing,convenient repairment,low operating cost. It has excellent particle structure, cubic shape and little content of needle and flake.



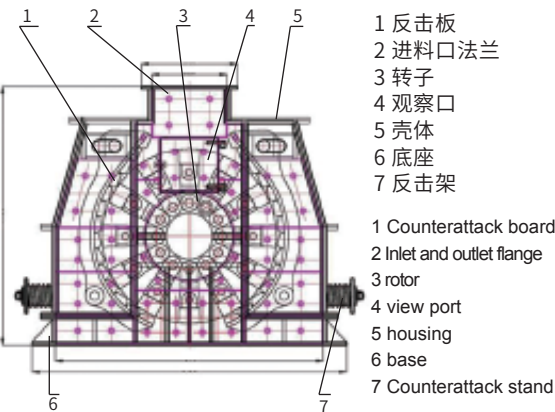
NEW REVERSIBLE SAND MAKER

新型可逆式制砂机



● 主要特点/MAIN FEATURES

- 产品粒型呈立方体状，质量优异，针片状产品含量少，抗压能力强，适合用于高标准建设需要，如水利，桥梁，高等级公路以及高层建筑等行业。
 - 适合用于花岗岩、玄武岩、河卵石、铝矾土、水泥熟料、石英石、金刚砂、矿砂、铁矿石等原料破碎，克服传统制砂设备只适用于软岩、50兆帕以下材料特点。
 - 公司资深工程师为每一位客户量身定做，科学选配设备，不返工。保证为客户选配的设备3-5年不落后。
 - 含泥量与含粉量可控制。
- The product is cubic shape but little needle flake, with excellent quality and high compress strength;suitable for high standard construction such as water conservancy,bridge,high-grade highway,high-level building. It is applicable for crushing the granite,basalt,river pebbles,bauxite,cement clinker,quartzite,emery,ore sand, iron ore and so on,which overcomes the disadvantages of traditional sand maker such as crushing the soft rock or under 150MPa materials. Our company senior engineers can design and make the machine as customer's requirement and choose the equipment scientifically without rework. We promise that our selected product can be popular in the 3-5years. Silt content and powder content can be controlled.



规格与性能参数表

型号	Model	JS-7611	JS-8518	JS-9526	JS-1140	JS-1145
处理能力 Capacity(t/h)	湿落与中心进料 Center and ring feeding	120-180	200-260	300-380	450-520	500-640
	全中心进料 Center feeding	60-90	100-130	150-190	225-260	250-360
最大入料边长 Max feeding size(mm)	软料 Soft material	<35	<40	<45	<50	<50
	硬料 Hard material	<30	<35	<40	<45	<45
转速 Rotation speed(r/min)		1700-1890	1520-1690	1360-1510	1180-1310	1100-1310
双电动机功率 Power for double motor(kw)		110-150	180-220	264-320	400-440	400-440
电源 Power source		380V;50Hz				
振动传感器检测范围 Vibrating sensor inspect scope		0.1-20mm/s连续可调 0.1-20mm/s continuous adjustment				
液压润滑站 Hydraulic lubrication station	油泵电动机功率 Power for oil pump(kw)	2*0.31				
	安全保护 Safety	双油泵互补保证供油；无流油、无油液自动停机；水冷降温；冬季电机加热启动 To make sure the supply of the oil with double oil pump;Stop working without oil or hydraulic pressure; Temperature fails when the water cools;Start the motor by heating it in winter.				
	外形尺寸 Dimension(mm)	820*520*1270				
油箱加热器功率 Power for oil box heater(kw)		2				

规格与性能参数表

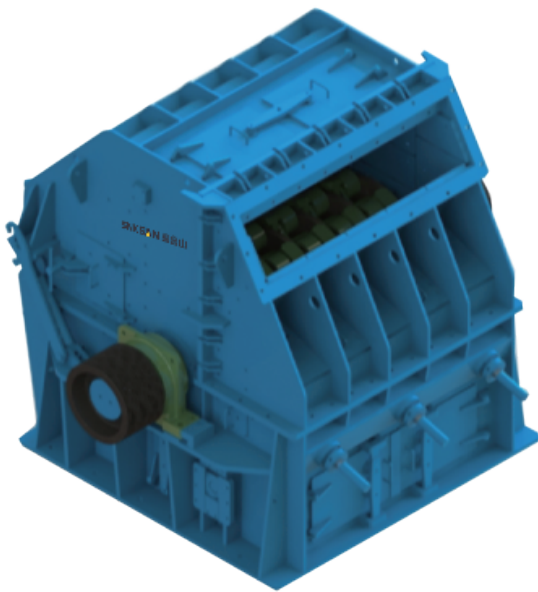
Specifications:

型号 Model	转子直径 Rotor diameter (mm)	转子长度 Rotor length (mm)	最大进料粒度 Maximum feeding size (mm)	出料粒度 Discharging size (mm)	破碎率 Crushing ratio (%)	生产能力 Capacity (t/h)	电机功率 Motor power (kw)
JSPCK0808	800	800	<=80	<=3	80-90	30-40	75
JSPCK1008	1000	800	<=80	<=3	80-90	35-45	90
JSPCK1010	1000	1000	<=80	<=3	80-90	45-55	110
JSPCK1012	1000	1200	<=80	<=3	80-90	60-80	132
JSPCK1208	1200	800	<=80	<=3	80-90	60-80	132
JSPCK1212	1200	1200	<=80	<=3	80-90	100-130	200
JSPCK1216	1200	1600	<=80	<=3	80-90	180-250	315
JSPCK1616	1600	1600	<=80	<=3	80-90	200-280	400
JSPCK1618	1600	1800	<=80	<=3	80-90	300-380	560-710
JSPCK1822	1800	2200	<=80	<=3	80-90	400-500	800
JSPCK1825	1800	2500	<=80	<=3	80-90	500-550	900

RV SAND MAKER

划时代核心主机——RV制砂机

开创行业唯一 专注石屑制砂/CREATE THE ONLY INDUSTRY FOCUS ON SAND MAKING WITH STONE CHIPS

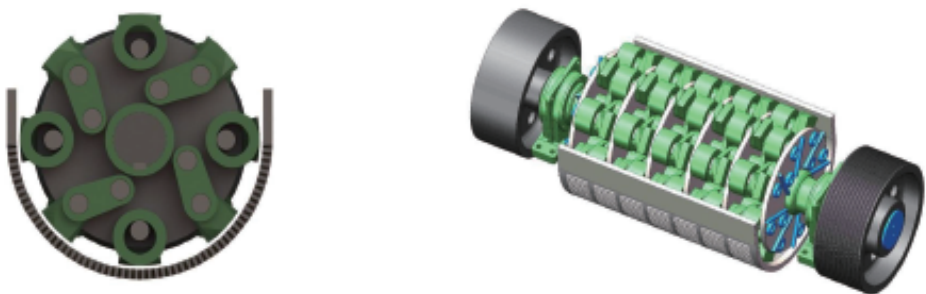


设备特点 /EQUIPMENT CHARACTERISTICS

- 新机理:新型破碎整形原理: 冲击破碎+滚动碾压破碎相结合
- 大产能: 单机产能达300t/h
- 低能耗: 单位能耗 <2kWh/t
- 产粉少: 产粉率 (0-0.075mm) <5%

New mechanism: new crushing and shaping principle: combination of impact crushing and rolling crushing
Large capacity: 300 t/h per unit
Low Energy Consumption: Unit Energy Consumption < 2kWh/t
Low flour yield: flour yield (0-0.075 mm) < 5%.

卧式制砂, 环锤研磨, 马蹄锤破碎/
Horizontal sand making, ring hammer grinding, horseshoe hammer crushing



规格与性能参数表

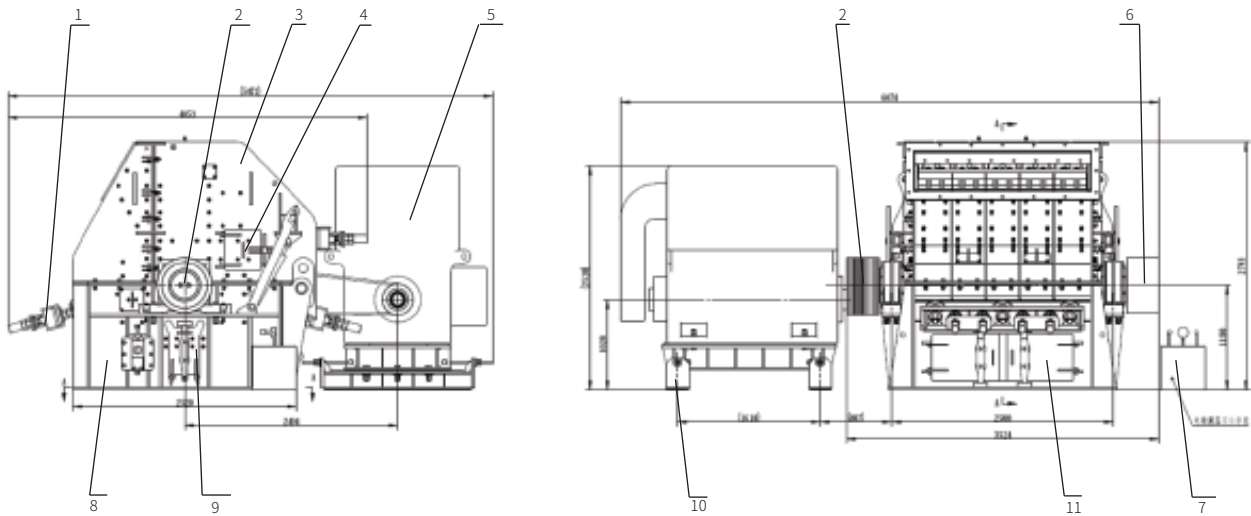
Specifications:

型号	Model	RV-S8	RV-S9	
处理物料	Material handling	石灰石		
进料粒度	Feed Size	0-25	0-40	mm
功率	Motor power	400	500-630	kw
产能	Capacity	150-300	200-550	t/h

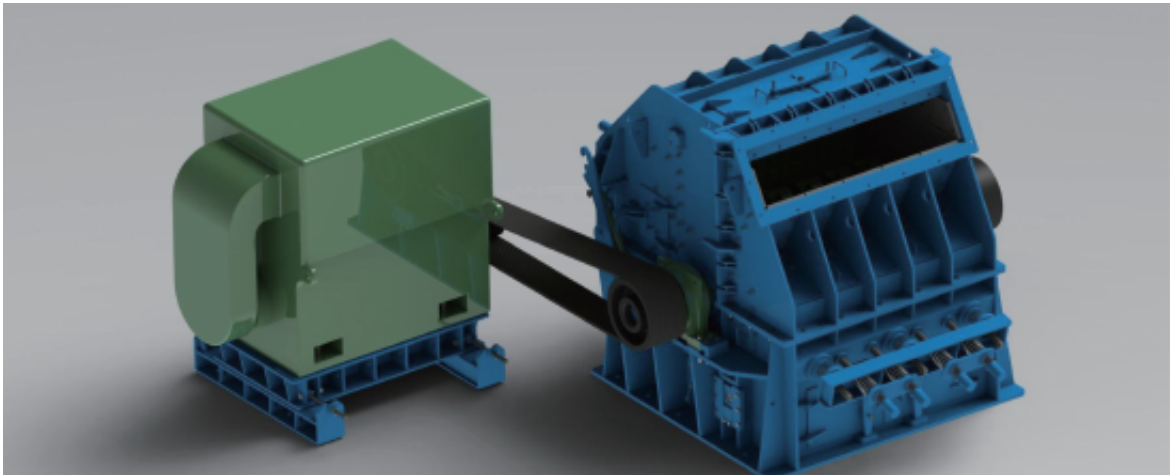
注: 制砂机产能跟岩石性质、入料粒径密切相关, 选型时请跟我司技术支持工程师联系沟通。

Note: the capacity of sand making machine is closely related to the rock property and feed particle size. Please contact our technical support engineer when selecting the type.

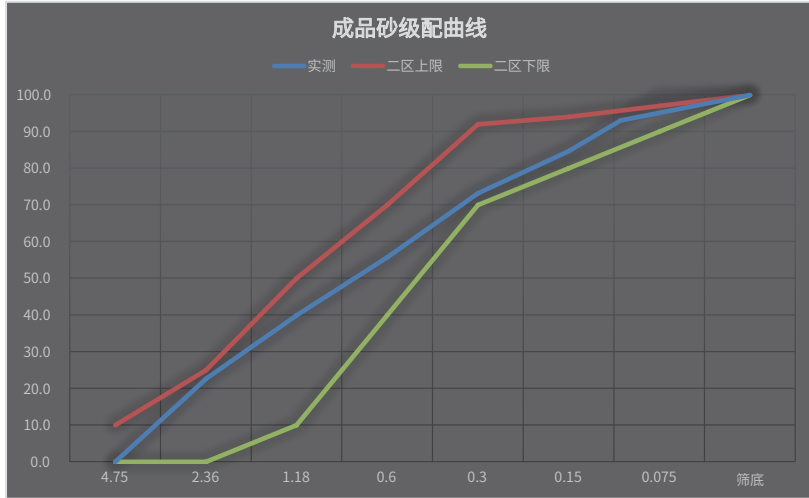
结构组成/STRUCTURAL COMPOSITION



1 反击架 2 传动皮带轮 3 上壳体 4 上观察口 5 电机 6 平衡轮 7 液压润滑站 8 下壳体 9 下观察门 10 电机底座 11 侧检修口
1 counterattack frame, 2 drive pulley, 3 upper shell, 4 upper observation port, 5 motor, 6 balance wheel, 7 hydraulic lubrication station, 8 lower shell, 9 lower observation door, 10 motor base, 11 side repair openings

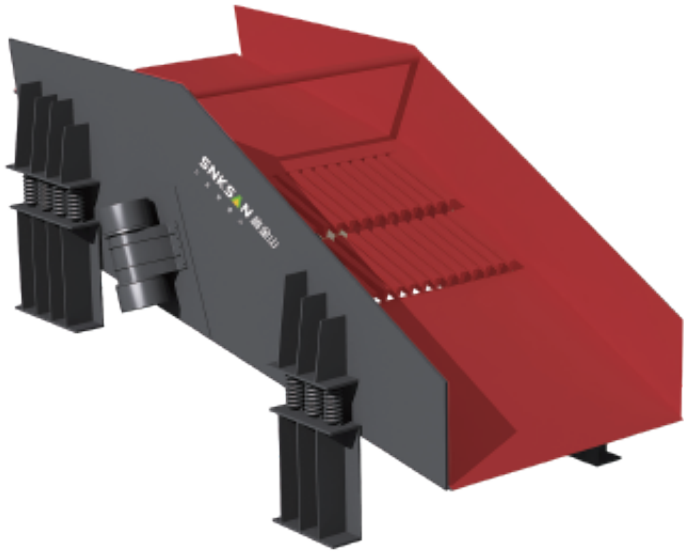


试验取样/TEST SAMPLING



VIBRATING BAR FEEDER

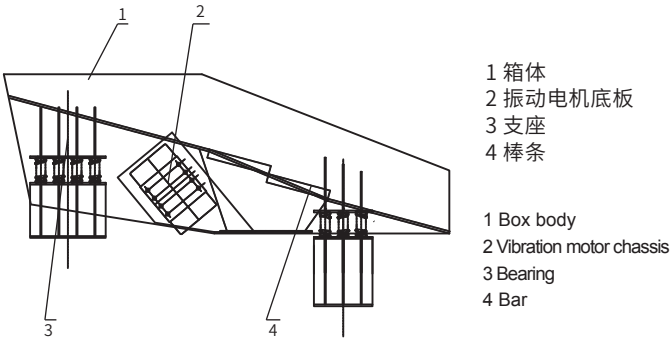
振动式棒条给料机



● 振动式棒条给料机可在生产流程中把块状、颗粒状物料从贮料仓中均匀、定时、连续地送到受料装置中去，在砂石生产线中，可为破碎机连续均匀地喂料，并对物料进行粗筛分，广泛应用于冶金、煤矿、选矿、建材、化工、磨料等行业的破碎、筛分联合设备中。

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

Vibrating full screening feeder can transfer all kinds of big bulk material to crusher equipment evenly, successively and regularly. During the aggregate production line, it can feed the crusher evenly and screen the material roughly. It is widely used in screening and crushing united equipment of various industries such as metallurgy, coal, mine, building material, chemical industry and grinding industry. The series of vibrating feeder has the features of steady vibration, reliable work, low noise, low consumption, no rash, long span, simple maintainance, light weight, small size, convenient equipment adjusting and installing, good overall performance, and close structure can prevent dust pollution.



规格与性能参数表		Specifications:		
型号 Model	最大给料尺寸 Maximum feeding (mm)	安装角度 Installing angle (°)	给料能力 Feeding capacity (t/h)	功率 Motor power (kw)
ZD4016	600	10-12	200-260	2*7.5
ZD5020	700	10-12	320-560	2*9.5
ZD5024	800	10-12	360-580	2*12
ZD5026	800	10-12	500-660	2*14
ZD6024	900	10-15	720-980	2*18
ZD6026	1000	10-15	1500-2000	2*20

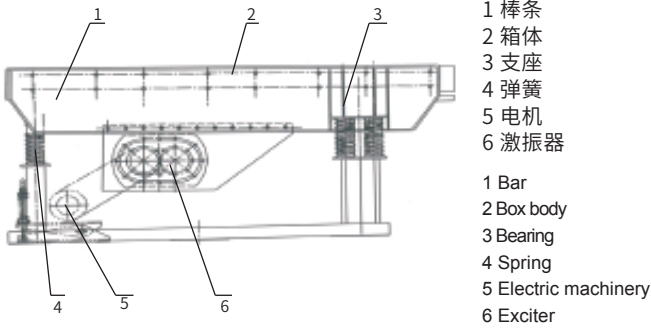
LINEAR VIBRATING FEEDER

直线式振动给料机



● 直线式振动给料机，是专为破碎筛分中粗破碎机前均匀输送大块物料而设计的新型振动给料机。该机采用双偏心轴激振器的结构特点，保证设备能承受大块物料下落的冲击，给料能力大。广泛应用于冶金、煤矿、选矿、建材、化工、磨料等行业的破碎、筛分联合设备中。

Linear vibrating feeder is new vibrating feeder and specially designed for transporting evenly large blocks into crusher. The machine has the structure feature of double eccentric shaft exciter, which ensures that the machine can support large block's falling impact and achieve high feeding capacity. It is widely used in crushing and screening united equipment of various industries such as metallurgy, coal, mineral processing, building material, chemical, grinding.



规格与性能参数表 Specifications:

型号 Model	料槽尺寸 Hopper size (mm)	最大进料边长 Maximum feeding edge (mm)	产量 Capacity (t/h)	功率 Motor power (kw)	外形尺寸(长宽高) Outline dimension (L * W * H)(mm)
JSZSW08	800*3780	500	60-100	6极15	3780*1570*1880
JSZSW10	960*3780	500	80-150	6极15	3780*1770*1880
JSZSW12	1160*3780	580	120-280	6极15	3780*1970*1880
JSZSW14	1360*3780	580	200-350	6极18.5	3780*2170*1880
JSZSW16	1460*3780	650	400-560	6极18.5	3780*2270*1880
JSZSW18	1640*3780	650	550-780	6极18.5	3780*2450*1880

HEAVY APRON FEEDER

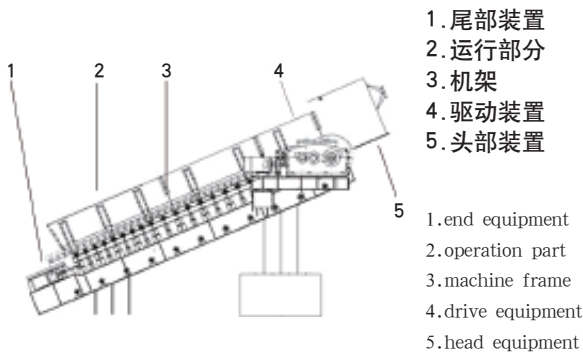
重型板式给料机



● 主要特点/MAIN FEATURES

重型板式给料机是广泛汲取并应用现代的先进技术自主研发的新型高效的输送设备。该设备主要运用于具有一定仓压的料仓和漏斗下面，短距离均匀、连续地将各种大容重物料输送给各种破碎、筛分和运输设备，特别适用于粗碎物料的给料和短距离输送。

Heavy apron feeder is high-efficiency independent research and development transporting equipment by absorbing modern advanced technology. The machine is mainly applied to certain warehouse under the pressure of bin and hopper, and short-distance evenly and successively transfers all kinds of big bulk material to various of crushing, screening and conveying equipment,especially suitable for coarse crushing material feeding and short-distance transportation.



规格与性能参数表		Specifications:		
型号 Model	电机功率 Motor power	最大入料 maximum feeding size	处理能力 Capacity	重量 Weight
(m)	(kw)	(mm)	(t/h)	(t)
800*2	3	300	3-30	3.8
800*10	7.5	300	7-88	15
800*14	11	300	0-88	17
1000*6	11	500	18-180	14.5
1000*7	11	500	80-160	17
1000*9	15	500	10-200	19
1250*6	15	500	40-180	11.5
1250*8	15	500	40-200	13
1250*9	15	500	100-200	14
1250*12	15	500	18-180	20
1250*18	15	600	50-170	32
1400*12	22	800	350-400	32
1500*10	22	800	20-200	39.5

规格与性能参数表		Specifications:		
型号 Model	电机功率 Motor power	最大入料 maximum feeding size	处理能力 Capacity	重量 Weight
(m)	(mm)	(kw)	(t/h)	(t)
1500*18	30	800	100-300	55
1550*18	30	800	100-300	60
1600*7	15	800	100-240	27
1600*9	18.5	800	100-300	30
1800*8	22	1000	150-220	50
1800*9	30	1000	400-500	52
1800*9.8	37	1000	350-500	55
1800*10	37	1000	350-500	55
2000*10	45	1000	350-500	67
2200*10	90	1100	250-1200	81
2200*12	45	1100	220-680	89
2300*10	37*2	1200	250-1500	91

ROUND VIBRATING SCREEN

圆振动筛

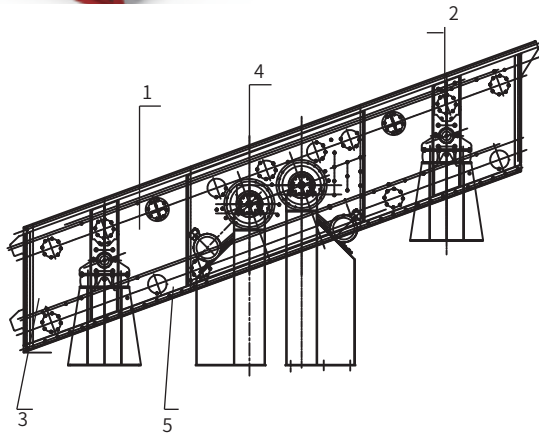


● YK系列圆振动筛为多层数、沿圆弧线振动的一种筛选设备，该机型物料筛淌线长，筛分规格多，成品粒度筛选清晰，在结构上采用可调节的筒体式激振器、中心轴配偏心轮。其具有结构可靠、激振力强、筛分效率高、振动噪音小、坚固耐用、维修方便、使用安全等特点，广泛应用于采石场筛分料石，也可供矿山、建材、交通、能源、化工等部门作产品分级使用。

- 圆振动筛结构新颖，技术参数先进，处理能力大，筛分效率高。
- 圆振动筛采用振动电机作为激振源，使用维修方便。
- 圆振动筛采用弹簧钢编织筛网或冲孔筛板，使用寿命长，不易堵孔。
- 圆振动筛采用橡胶隔振弹簧，寿命长，噪声小，过共振区平稳等。

YK series vibrating screen is multilayer and vibrating circularly screening equipment.It has long screen line,and can screen all kinds of specifications of products with good screening ratio.Our vibrating screen adopts the adjustable cylinder exciter,core shaft and eccentric wheel.It has the features of reliable structure,strong exciting force,high screening efficiency,low screening noise,long durability,convenient maintenance,safe operation,etc. Our vibrating screen is widely used for screening in quarry's ores,mines,building material,transportation,energy sources,chemical,etc.

novel structure, advanced technology,large capacity,high screening efficiency. adopt vibration motor as excitation source,easier to be repaired. adopt spring steel to make screen net or perforated screen plate,long using life and not easy plugging hole. adopt rubber isolation spring, long using life,low noise,smooth through resonance region and so on.



- 1. 筛箱
 - 2. 弹簧支柱
 - 3. 出料门
 - 4. 激振器
 - 5. 筛网
- 1.Screen box
 - 2.Spring prop
 - 3.Discharge door
 - 4.Exciter
 - 5.Screen mesh

规格与性能参数表		Specifications:					
型号 Model	层数 Layer No.	筛孔尺寸 Mesh size	双振幅 Double amplitude	单层面积 Monolayer area	最大给料 Maximum feeding	生产能力 Capacity	功率 Motor power
		(mm)	(mm)	(m²)	(mm)	(t/h)	(kw)
2YK1860	2	3-80	6-8	10.8	150	50-350	18.5
2YK2160	2	3-80	6-8	12.6	150	60-400	22
2YK2470	2	5-80	6-8	16.8	200	90-500	30
3YK2470	3	5-80	6-8	16.8	200	90-500	37
2YK2680	2	5-80	6-9	20.8	200	120-700	37
3YK2680	3	5-80	6-9	20.8	200	120-700	45
2YK3080	2	5-100	6-9	24	200	150-900	55
3YK3080	3	5-100	6-9	24	200	150-900	2*37
2YK3680	2	5-100	6-9	28.8	200	180-1100	2*45
3YK3680	3	5-100	6-9	28.8	200	180-1100	2*55

BELT CONVEYOR

皮带运输机



主要特点/MAIN FEATURES

皮带输送机为选矿设备中的辅助设备，用来输送松散物料或成件物品，广泛地应用在矿山、冶金、煤炭等部门。该设备具有输送量大、结构简单、维修方便、部件标准化等优点。可根据输送工艺的要求单台使用，也可多台胶带输送机组合或其他输送设备组成水平或倾斜的输送系统，以满足不同布置形式的作业线需要。皮带输送机可在环境温度-20℃至+40℃范围内的使用，输送物料的温度在50℃以下。

The belt conveyor is auxiliary equipment in mineral separation to transfer loose material or final products and is widely used in mine, metallurgy, coal industry and so on. Our belt conveyor has many advantages such as high transporting capacity, simple structure, convenient maintenance, standard parts. According to different technical requirement, the belt conveyor can be used singly, multiply or with other transferring equipment. It can be used horizontally or slantly to meet different production lines. The belt conveyors are usually used in temperature between -20℃ and +40℃ and transferring materials should keep below 50℃.

金山机械全球战略合作伙伴——奥地利森佩理特百斯特公司

Jinshan machinery global strategic cooperation partner ——Semperit Best

森佩理特百斯特（山东）制带有限公司，是欧洲著名的橡胶制品生产商森佩理特控股股份有限公司在中国的控股公司。森佩理特股份有限公司是一家大型的跨国工业控股集团，公司在输送带的研发、制造和安装领域，有超过50年的历史，森佩理特的专有技术、经验和产品品质，使其在领域内成为市场领导者之一，其产品主要应用于煤矿、钢铁、水泥、港口和火电等行业。

Semperit Best(Shandong)belting Co.,Ltd is holding company in China of Semperit holdings Co.,Ltd who is the Europe's leading manufacturer of rubber products. Semperit holdings Co.,Ltd is large international industry holdings Group and has the 50 years history of researching, making and installing conveyor. Semperit's technology, experience and product quality make it outstanding in market. Its products are mainly used in coal, steel, cement, port, thermal power industry and so on.



高端输送系统首选/FIRST CHOICE FOR HIGH-END CONVEYING SYSTEM



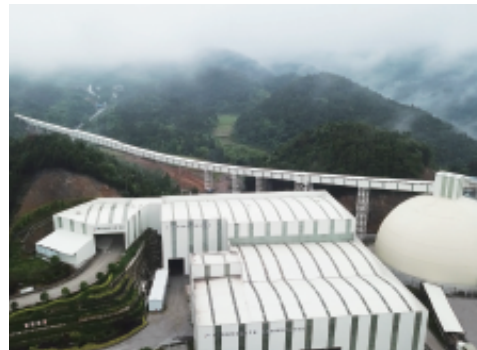
160公里超长传送带
160KW overlength conveyor



洛斯佩兰布雷 CV-007-ST 4500
Los pelambres CV-007-ST 4500



封闭式砂石骨料皮带廊道
Closed belt Gallery of sand and aggregate



砂石骨料长距传送带
Long distance belt for aggregate

规格与性能参数表		Specifications:			
胶带宽度 Belt width	输送长度 Transferring length			输送速度 Transferring speed	输送量 Transferring capacity
	功率 Motor power				
(mm)	(m)			(m/s)	(t/h)
B400	<=12	10-20	20-25	1.3-1.6	40-80
	1.5	2.2-4	4-7.5		
B500	<=12	12-20	20-30	1.3-1.6	40-80
	3	4-5.5	5.5-7.5		
B650	<=12	12-20	20-30	1.3-1.6	130-320
	4	5.5	7.5-11		
B800	<=6	6-15	15-30	1.3-1.6	280-540
	4	5.5	7.5-15		
B1000	<=10	10-20	20-40	1.3-2.0	430-850
	5.5	7.5-11	11-22		
B1200	<=10	10-20	20-40	1.3-2.0	655-1280
	7.5	11	15-30		
B1400	11	11-22	22-45	1.3-2.4	1300-1450
B1600	15	22-30	30-75	1.3-2.4	1500-1600

TRIPLE MOBILE CRUSHING STATION

三组合移动破碎站



移动站整机配置给料机、锤破、振动筛和皮带输送机，集破碎、筛分、给料和物料输送于一体，高度集成，是一个移动的小型生产线。移动破碎站是一个小型移动生产线，因其独特的灵活性，不仅可以独立完成给料、破碎和筛分作业，也可组成生产线使用。一种产品配置，两种用法，给客户多样化选择。

The whole machine of mobile station is equipped with feeder, hammer breaker, vibration screen and belt conveyor. It integrates crushing, screening, feeding and material conveying. It is highly integrated and is a small mobile production line. Mobile crushing station is a small mobile production line. Because of its unique flexibility, it can not only independently complete feeding, crushing and screening operations, but also form a production line to use. One product configuration, two usages, to give customers a variety of choices.

产品特点/PRODUCT CHARACTERISTICS

高度集成；适用范围广；运输转场方便；机动灵活；作业方便、高效；简化运输、降低费用；结构紧凑、占地地小；结构坚实、经济实用；操作简单、易于维护。

Highly integrated; wide range of applications; convenient transit; flexible; convenient and efficient operation; simplified transportation, reduce costs; compact structure, small space occupied; solid structure, economic and practical; simple operation, easy maintenance.

性能优势/PERFORMANCE ADVANTAGES

- 保护转子：转子上方设有棚条，物料不直接冲击转子，延长转子寿命。
- 降低能耗：破碎平稳，电耗降低。
- 高效破碎：利用点破碎的原理，实现高效破碎。
- 裂纹效应：接触点着力后顺着石料内部裂纹顺裂，有效减少粉量。
- 提高产量：270°环转子包围的筛板，能够及时排料，单位时间内该结构 能排出比传统锤破多2倍以上的物料。
- 有效整形：筛板对透筛物料有挤压摩擦作用，可以实现整形的效果，排料粒形多棱立方体。
- 防过破碎：达到合适粒度的物料及时排出，防止长期在破碎腔停留、产生过破碎现象，因而产粉率低。

Rotor protection: There is a shed above the rotor, the material does not directly impact the rotor, prolonging the life of the rotor.

Reduce energy consumption: Smooth crushing, lower power consumption.

Efficient crushing: The principle of point crushing is used to realize efficient crushing.

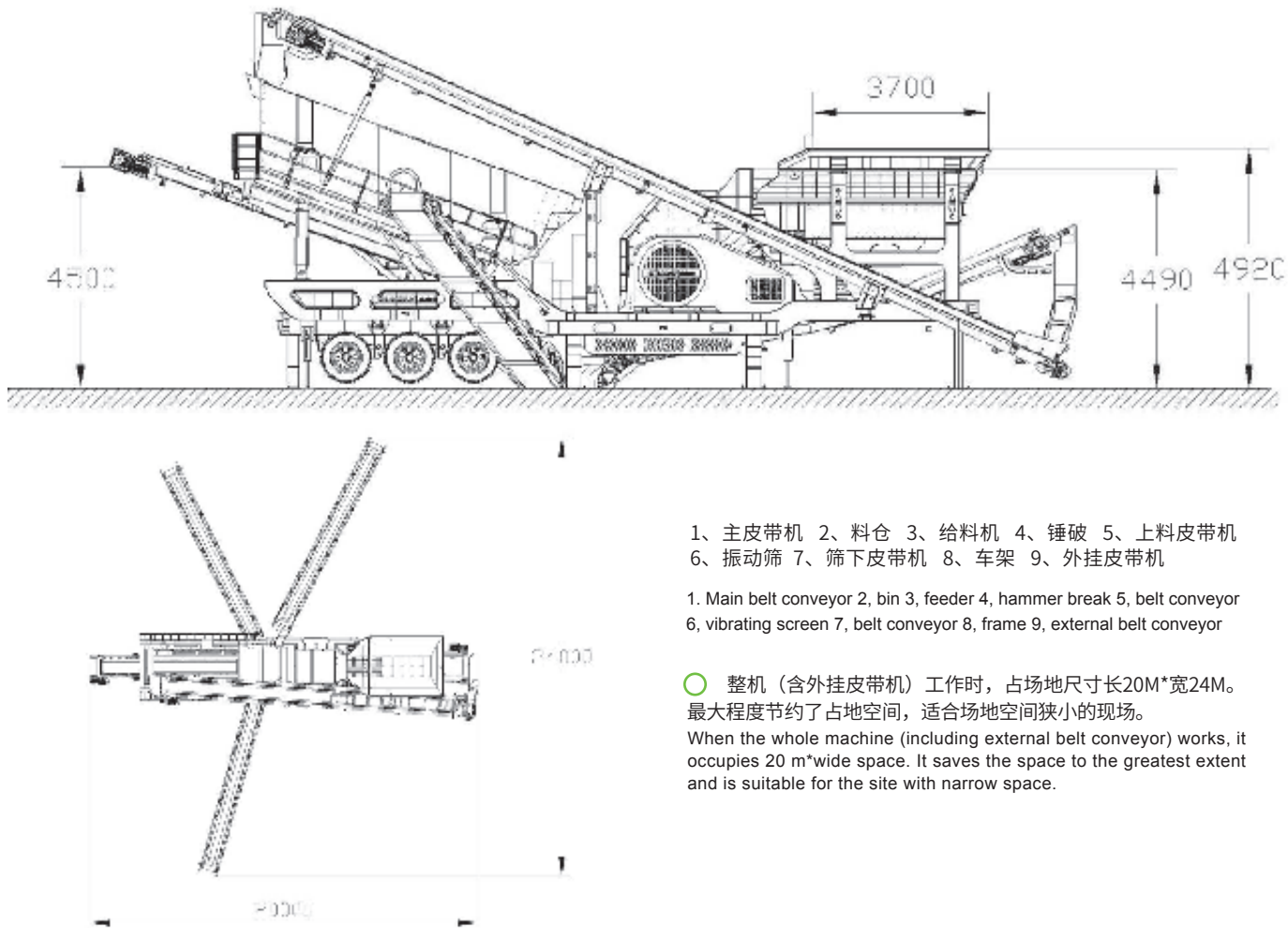
Crack effect: After the contact point is exerted, along the crack in the stone, the powder content is effectively reduced.

Increasing output: The sieve plate surrounded by 270 degree annular rotor can discharge material in time, and the structure can discharge more than twice as much material as the traditional hammer.

Effective shaping: The sieve plate has extrusion friction effect on the through-sieve material, which can achieve shaping effect and discharge granular polygonal cube.

Preventing crushing: Material of suitable size is discharged in time to prevent long-term staying in the crushing chamber and producing over-crushing phenomenon, so the powder yield is low.

结构图/STRUCTURAL DIAGRAM



- 1、主皮带机 2、料仓 3、给料机 4、锤破 5、上料皮带机
6、振动筛 7、筛下皮带机 8、车架 9、外挂皮带机

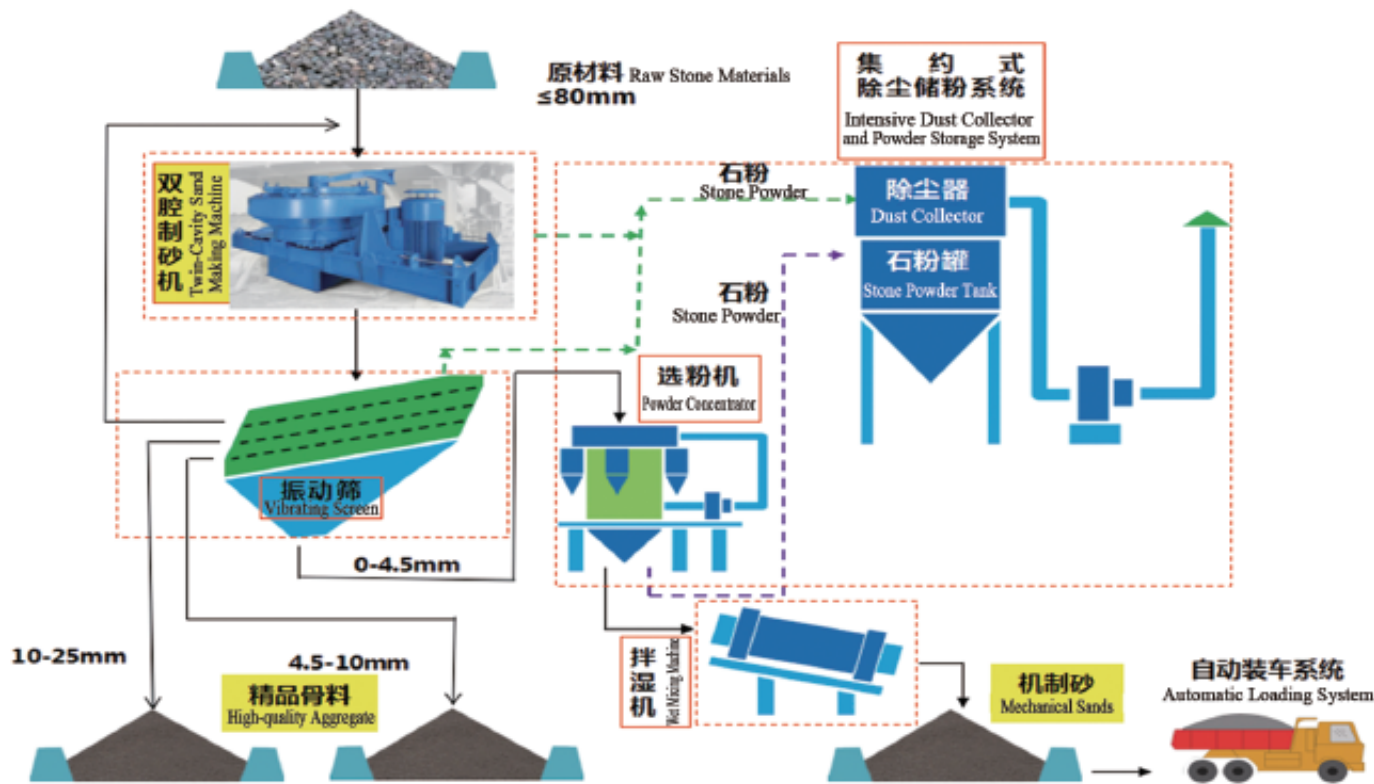
1. Main belt conveyor 2, bin 3, feeder 4, hammer break 5, belt conveyor
6, vibrating screen 7, belt conveyor 8, frame 9, external belt conveyor

整机（含外挂皮带机）工作时，占地尺寸长20M*宽24M。最大程度节约了占地空间，适合场地空间狭小的现场。
When the whole machine (including external belt conveyor) works, it occupies 20 m*wide space. It saves the space to the greatest extent and is suitable for the site with narrow space.

规格与性能参数表		Specifications:	
项目Project	参数parameter	项目project	参数parameter
给料机 Feeder	ZSW1142	料仓容积 hopper capacity	4.5m ³ （9m ³ 大料仓）
锤破 Hammer breaking	PCD1416	进料粒度 Feeding size	≤700mm
振动筛 Vibration sieve	3YZ1860	整机产量 Whole machine output	200tph
主皮带机 Main belt conveyor	B1200*8.7m	工作尺寸mm Working dimensions	19785*4600*7740
上料皮带机 Feeding belt conveyor	B800*17.2m	运输尺寸mm Transportation dimensions	18700*3000*4375
筛下皮带机 Sub sieve belt conveyor	B800*9.5m	整机重 Whole machine weight	60t（不含外挂）
外挂皮带机 External belt conveyor	B650*11m（3条）	运输重 Transport weight	55t

精品砂、石同出机制砂系统

MACHINE-MADE SAND SYSTEM WITH FINE SAND AND STONE



砂、石同出300tph制砂系统——混凝土搅拌站

300TPH SAND AND AGGREGATE MAKING SYSTEM—CONCRETE MIXING PLANT

本系统机制砂颗粒级配和级配类别符合建设用砂GB/T14684-2011建设用砂国家标准。
砂的石粉含量≤10.0，含泥量≤3.0%，泥块含量≤1.0%。
当机制砂MB值≤1.4或快速法试验合格，石粉含量≤10.0%，泥块含量≤1.0%；
当机制砂MB值>1.4或快速法试验合格，石粉含量≤3.0%，泥块含量≤1.0%。
采用硫酸钠溶液法进行试验，砂的质量损失≤8.0%；单级最大压碎指标≤25%；
砂的表观密度不小于2500kg/m³,松散堆积密度不小于1400kg/m³，空隙率不大于44%。

The mechanical sand size grading and grading categories of the system conforms to National Standard GB/T14684-2011 Sand for Construction.
Stone powder content of sands ≤10.0; silt contents≤3.0%; clay lump content ≤1.0%.
When MB value of mechanical sand ≤1.4 or the fast test is qualified, the stone powder ≤10.0% and the clay lump content ≤1.0%.
When MB value of mechanical sand >1.4 or the fast test is qualified, the stone powder ≤3.0% and the clay lump content ≤1.0%.
When the sulfate solution method is adopted to conduct a test, quality loss of sands ≤8.0%; the max. single stage crushing index ≤25%;
Apparent density of sands not <2500kg/m3; loose bulk density not <1400kg/m3; porosity not >44%.

设备选型参数表/PARAMETER LIST

设备名称 Name	设备型号 Model	处理能力/台 Handling Capacity per Set	配置动力/台 Configured Power per Set	配置数量 Qty. Of Configured Device
进口双腔式冲击制砂机 Imported twin-cavity impact crusher	RSMX1222	300t/h	400kw	1台(set)
三层圆振动筛 Three-layer Circular Vibrating Screen	JSYZ2680	400t/h	45kw	1台(set)
砂石专用选粉机 Professional Sand and Aggregate Powder Concentrator	JND-VII	180t/h	185kw+22kw	1台 (set)
气箱脉冲带式收尘器 Gas Tank Pulse Bag Dust Collector	LCMD-1100	70000m³/h	132kw	1台 (set)
拌湿机 Wet Mixing Machine	BJS-150	150t/h	7.5kw	2台 (set)

研发理念/R&D CONCEPT

- 工艺简洁；

○ 投资低；

○ 结构紧凑；

○ 智能控制；

○ 级配合理；
- Simple Process;

Smaller Investment;

Compact Structure;

Intelligent Control;

Reasonable Grading
- 石粉控制；

○ 个性控制；

○ 干法制砂；

○ 环保达标；

○ 进口设备；
- Stone Powder Control;

Customized Control;

Dry Process Sand Making;

Environmental Compliance;

Imported Equipment;

系统优势/ADVANTAGES

- 德国进口“双腔制砂机”，性能稳定；

○ 工艺简洁，动力选粉；

○ 耗能低：单电机配置、耗能降低40%以上；

○ 出砂率高：成品达50%以上；

○ 破碎比大：进料粒径≤80mm；

○ 一机多用：制砂加整形；
- Germany Twin-Cavity Sand Making Machine with Stable Performance;

Simple Process and Dynamic Powder Concentration;

Low Energy Consumption: configuration of single motor makes the energy consumption decrease more than 40%;

High Sand Making Rate: the final sand products accounts for more than 50%;

Large Crushing Ratio: feed size ≤80mm;

One Machine with Two Functions: sand making and aggregate reshaping;

原材料的要求/REQUIREMENTS ON RAW STONE MATERIALS

- 原材料粒径：≤80mm；

○ 抗压强度≥60MPa；

○ 原材料含水量≤1%；

○ 原材料含泥量≤2%；
- Size ≤80mm;

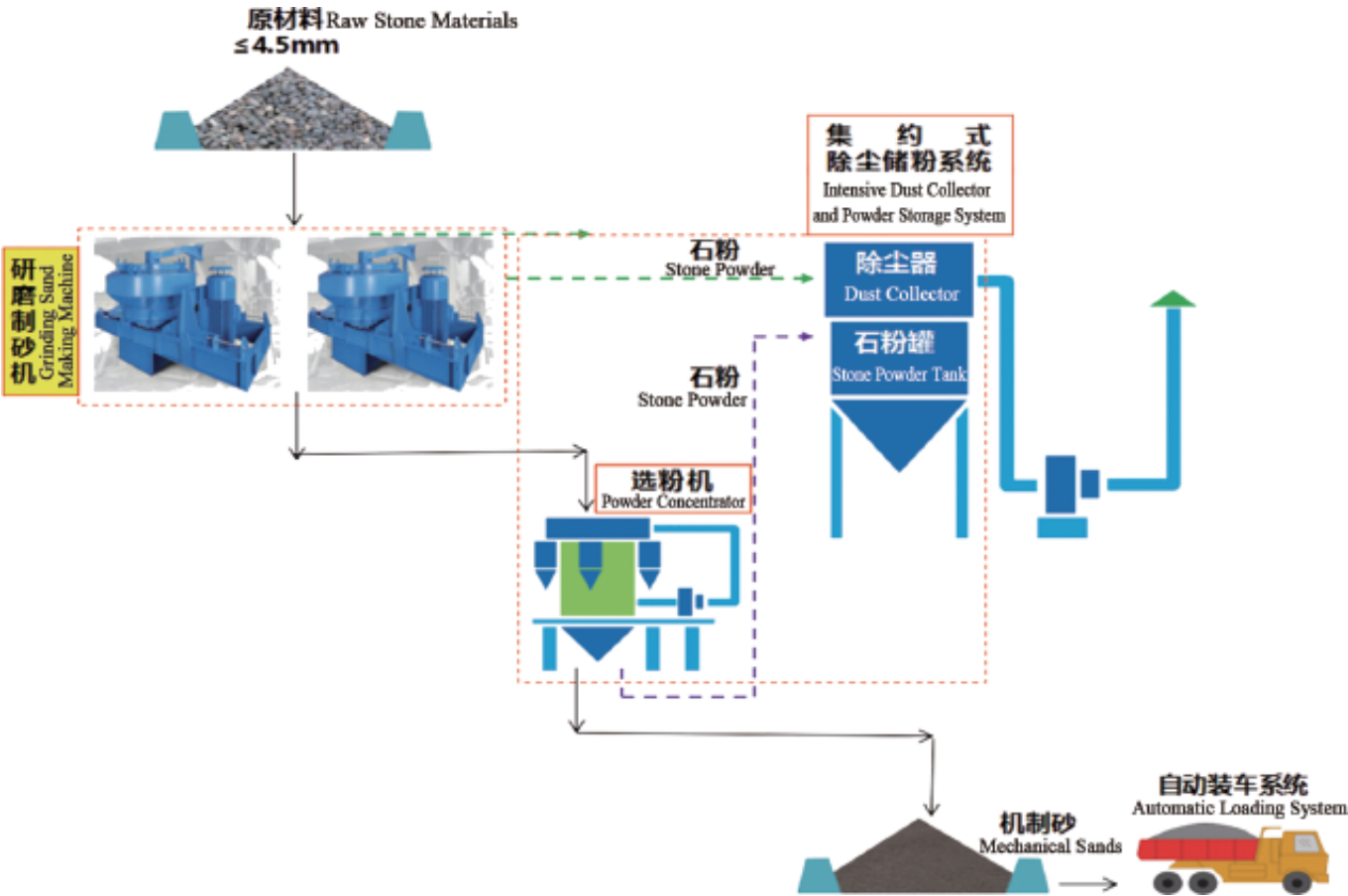
Compression Strength≥60Mpa;

Moisture Content ≤1%;

Silt Content ≤2%;

精品机制砂系统

MECHANICAL SAND SYSTEM



精品100—300tph机制砂系统——干混砂浆搅拌站

HIGH QUALITY 100—300TPH MECHANICAL SAND SYSTEM —EXCLUSIVE USE OF DRY MIXED MORTAR

本系统机制砂颗粒级配4.75mm筛孔的累计筛余量为0，砂的实际颗粒级配除4.75mm和600um筛档外，各级累计筛余超出值总和不大5%。砂的石粉含量≤10.0，含泥量≤1.0%，泥块含量为0%。
当机制砂MB值≤1.4或快速法试验合格，石粉含量≤10.0%，泥块含量为0；
当机制砂MB值>1.4或快速法试验合格，石粉含量≤1.0%，泥块含量为0；
采用硫酸钠溶液法进行试验，砂的质量损失≤8.0%；单级最大压碎指标≤20%；
砂的表观密度不小于2500kg/m³,松散堆积密度不小于1400kg/m³，孔隙率不大于44%。

The accumulated screen residue of 4.75 mm mechanical sand size grading mesh of the system is 0. Except the 4.75mm and 600um screen meshes, the sum of accumulated screen residues excess value of all grades should not exceed 5%.
Stone powder content of sands ≤10.0; silt content ≤1.0%; clay lump content=0%.
When MB value of mechanical sand ≤1.4 or the fast test is qualified, the stone powder ≤10.0% and the clay lump content=0.
When MB value of mechanical sand >1.4 or the fast test is qualified, the stone powder≤10% and the clay lump content=0.
When the sulfate solution method is adopted to conduct a test, quality loss of sands ≤8.0%,the max. single stage crushing index ≤20%;
Apparent density of sands not <2500kg/m3; loose bulk density not <1400kg/m3; porosity not >44%.

设备选型参数表/PARAMETER LIST

设备名称 Name	设备型号 Model	处理能力/台 Handling Capacity per Set	配置动力/台 Configured Power per Set	配置数量 Qty. Of Configured Device
立轴研磨制砂机 Grinding vertical shaft sand making machine	RPM×1513	70t/h	200kw	2台(set)
砂石专业选粉机 Professional Sand and Aggregate Powder Concentrator	JND- VI	150t/h	160kw+18kw	1台(set)
气箱脉冲带式收尘器 Gas Tank Pulse Bag Dust Collector	LCM-1100	50000m /h	90kw	1台(set)

系统优势/ADVANTAGES

- 德国进口研磨制砂机，性能稳定可靠；
- 工艺简洁，动力选粉；
- 耗能低：单电机配置、耗能降低40%以上；
- 出砂率高：成品达90%以上；
- 成品级配优：细度模数<2.6；

Imported Germany Grinding Sand Making Machine with Stable and Reliable Performance;
Simple Process and Dynamic Powder Concentration;
Low Energy Consumption: configuration of single motor makes energy consumption decrease more than 40%;
High Sand Making Rate: the final sand products accounts for more than 90%;
High Quality Final Products Grading: fitness modulus<2.6;

原材料的要求/RAW MATERIAL REQUIREMENTS

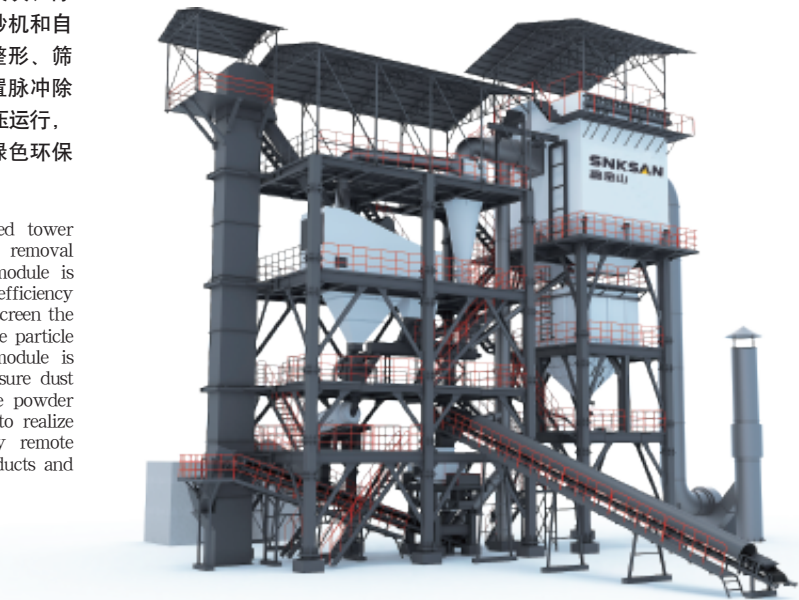
- 原材料粒径：≤4.5mm；
- 抗压强度≥60MPa；
- 原材料含水量≤1%；

Size ≤4.5mm;
Compression Strength≥60Mpa;
Moisture Content ≤1%;

楼宇式制砂系统/BUILDING TYPE SAND MAKING SYSTEM

楼式制砂系统采用高度集成的塔楼式设计，由制砂模块、除尘模块、智能装车模块等各部分组成。制砂模块配置制砂机和自主研发的高效全密封筛分设备，精准对原料进行破碎、整形、筛分，能有效改善砂石粒型，控制细度模数；除尘模块配置脉冲除尘器，采用负压收尘，通过选粉机进行分量控制，系统负压运行，实现绿色环保。各模块由远程集中控制运行，真正打造绿色环保产品，实现智能制造产业。

The tower type sand making system adopts highly integrated tower design, which is composed of sand making module, dust removal module, intelligent loading module, etc. The sand making module is equipped with sand making machine and self-developed high-efficiency fully sealed screening equipment to accurately crush, shape and screen the raw materials, which can effectively improve the sand and stone particle shape and control the fineness modulus; the dust removal module is equipped with pulse dust collector, which adopts negative pressure dust collection, and the separation control is conducted through the powder concentrator, and the system operates under negative pressure to realize green environmental protection. Each module is operated by remote centralized control to create green environmental protection products and realize intelligent manufacturing industry.



RV石屑制砂系统

RV SAND MAKING SYSTEM WITH STONE CHIPS



阶梯式制砂系统/STEPPED SAND MAKING SYSTEM

理论最大入料量：抗压强度60MPa的石灰石为原材料，生产细度模数3.0的机制砂时的入料量。
实际入料量、产能，会因原材料的岩性、粒径规格和机制砂的细度模数的不同而变化。

Theoretical maximum feeding capacity: 60MPa compressive strength limestone as raw material, the 3.0 production fineness modulus mechanism sand feeding capacity.
Actual feed capacity, and production capacity, will change due to the lithology of the raw materials, grain size specifications and the fineness modulus of the mechanism sand .

设备名称 Name	设备型号 Model	处理能力/台 Handling Capacity per Set	配置动力/台 Configured Power per Set	配置数量 Qty. Of Configured Device
RV制砂机 RV sand maker	RV-S8	150-300t/h	400/500kw	1台 (set)
概率筛 Probability screen	GLS2056	220-260t/h	7.5kw*2	1台 (set)
复合选粉机 Professional Sand and Aggregate Powder Concentrator	FFX1500	320-380t/h	250kw+30kw	1台 (set)
气箱脉冲带式收尘器 Gas Tank Pulse Bag Dust Collector	LCMD-750	5000m³/h	75kw	1台 (set)
拌湿机 Wet Mixing Machine	BJS-250	150-300t/h	22kw	2台 (set)

成品粒型展示 /FINAL PRODUCTS

机制砂/MACHINE-MADE SAND



2.36mm-4.75mm



1.18mm-2.36mm



0.6mm-1.18mm



0.3mm-0.6mm



0.15mm-0.3mm



<0.15mm

骨料/AGGREGATE



22.5mm-31.5mm



14mm-22.5mm



8mm-14mm



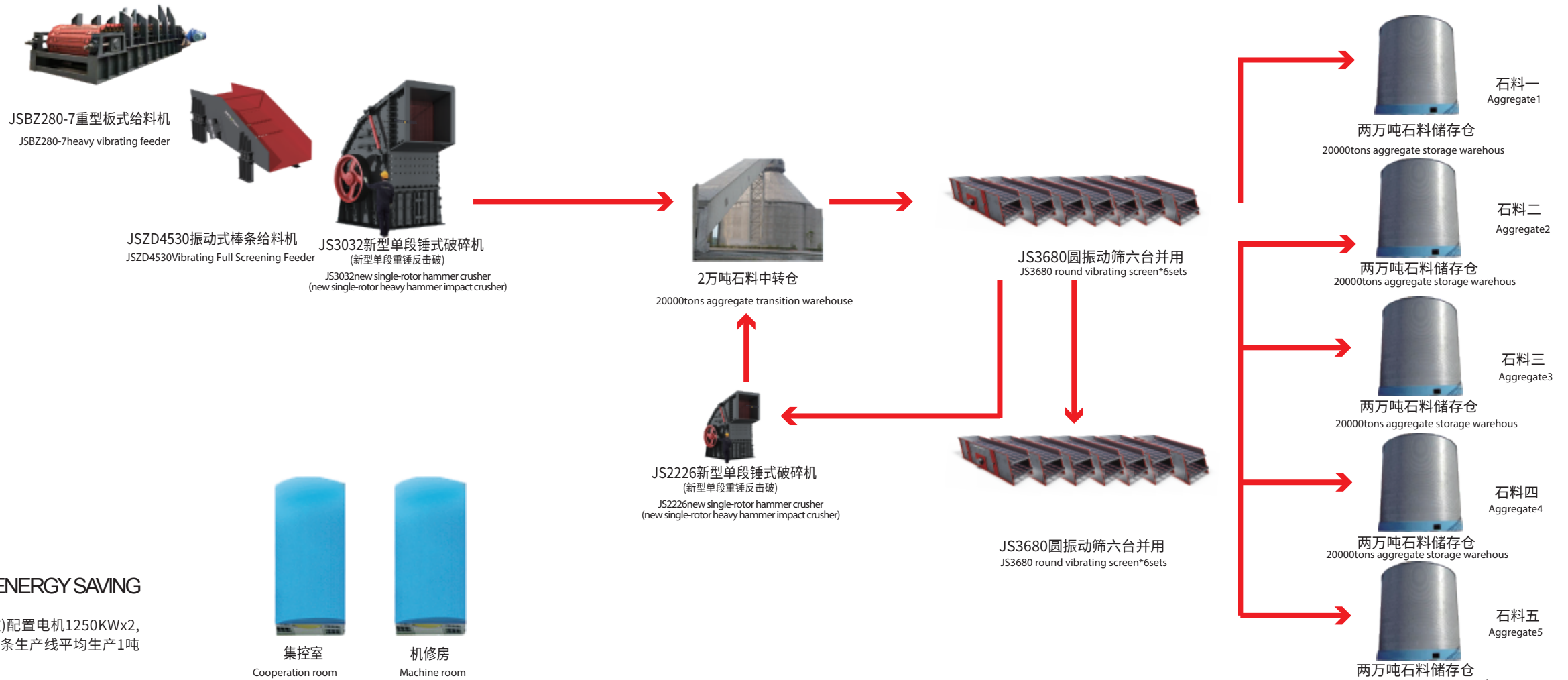
4mm-8mm



0mm-4mm

鑫金山台时产量4000吨砂石骨料生产线流程图

XINJINSHAN 4000T/HSAND AND GRAVEL AGGREGATE PRODUCTION LINE PROCESS DIAGRAM



高效节能说明/HIGH EFFICIENCY AND ENERGY SAVING

JS3032新型单段锤式破碎机(新型单段重锤反击破)配置电机1250KWx2,比同产业节能省电50%以上,台时产量4000吨/时。整条生产线平均生产1吨石料仅需1-1.5度电,节能能效显著。

JS3032 new single-rotor hammer crusher(new single-rotor heavy hammer impact crusher) equips with 1250KWx2 motor,saving more 50% energy than the similar product,and capacity reaches 4000T/H. In the whole production line,1 ton aggregate only needs 1-1.5KWH,Significant energy saving and efficiency.

环保除尘说明/ENVIRONMENT PROTECTION AND DEDUSTING INSTRUCTION

本条石料生产线采用气箱脉冲布袋除尘器十二台,通过除尘设备综合除尘后达到国家环保标准,即20mg/m³以下,符合《水泥厂大气污染物排放试行标准》、《工业企业设计卫生总则》相关要求。

The production line adopts 12 sets of air box pulse bag filter,reaching the national environmental standards (below 20mg/stere)after dedusting equipment operation. It meets the requirements of Cement Plant Atmospheric Pollution Discharge Trial Standard and Industrial Design Health General Rules.

工艺特点/PROCESS FEATURES

- 石料破碎生产线自动化程度高,破碎比大,生产效率高,处理量大,经过破碎的产品呈立方体状,针片状含量低,无内裂缝,抗压强度高。
- 设备维护保养简便,易损件采用目前国内最新高强耐磨材料,损耗小,使用寿命长,能为客户带来可观的经济效益。
- 我公司设计的石料破碎生产线,成功应用于石灰石、中低硬度岩石的破碎加工,破碎后的成品质量完全达到GB14685-2001标准,为高等级公路,铁路,水利,混凝土搅拌站等行业提供了合格材料。

The stone crushing production line has features of high automation, high crushing ratio,high-efficiency and high capacity. Its products is cubic shape with less needle flake,and high compressive strength but no fractures. The equipment is easy to maintain,and the wearing parts in the machine adopt the latest wear resistant material in China so that machine's low wear and long span brings large economic benefit for the customers. The stone crushing production line designed by our company has been successfully applied to the crushing processing of limestone and medium-soft rock. The quality of the crushed products fully meets the GB14685-2001 standard. It provides qualified materials for high-grade highway, railway, water conservancy, concrete mixing station and other industries.

鑫金山独创水泥企业“一机两用、两线并用”工艺 ——助力水泥企业产业延伸

XINJINSHAN CREATIVE CEMENT ENTERPRISE “ONE MACHINE,TWO USES;TWO LINE CAN USE”TECHNOLOGY
HELPING CEMENT ENTERPRISE INDUSTRY EXTENSION

项目概述/PROJECT OVERVIEW

针对部分水泥企业资金短缺、场地有限的问题，金山机械提出“一机两用、两线并用”工艺。顾名思义，“一机两用、两线并用”是指一个破碎主机两种用途，砂石骨料线与水泥生产线并用。不仅具有投资少、节约场地、便于集中管理，节约人工成本、低能耗等诸多优势，还能够满足目前“低能耗、高产能、高级配”的市场需求，灵活的平衡原料与骨料之间的产量关系。大大降低了企业的设备投资成本、土建成本、场地成本、管理成本，为各水泥企业顺利产业延伸贡献一份力量。

Considering some cement enterprises' lacking money and limited area, Jinshan Machinery proposes "one machine, two uses;two lines can use". "One Machine,Two Uses; Two Line can Use "refers to that one crusher has two uses,sand and gravel aggregate production line and cement production line can use this machine. It has features of low investment,saving area,convenient manage,saving labor cost,low consumption and so on,and meets market requirement of low consumption,high production and high grade,reaching production relation's flexible balance between materials and aggregate. It reduces equipment investment cost,land construction cost,spot cost,and management cost,making a good contribution to cement enterprise's extension.

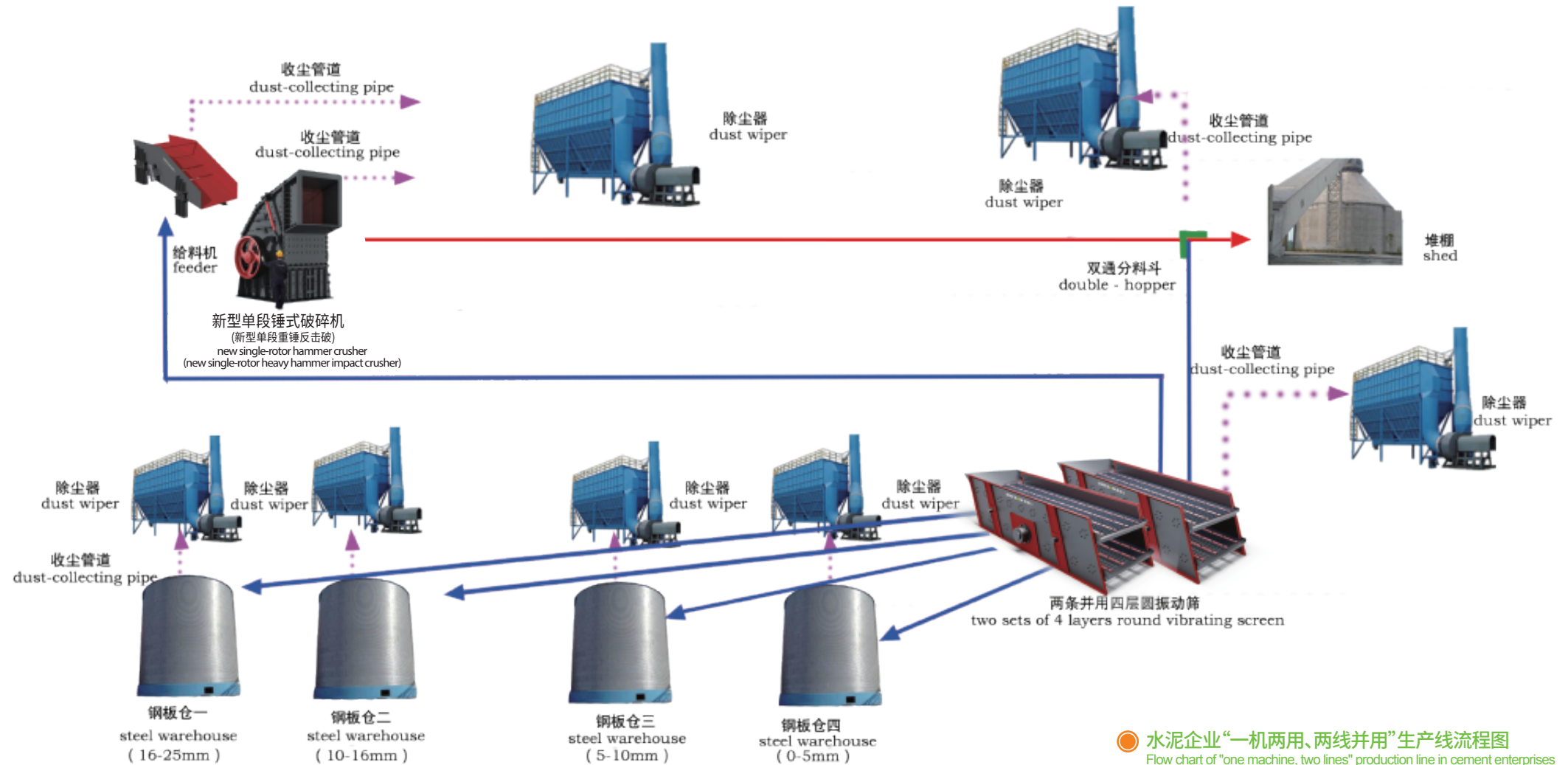
项目背景/PROJECT BACKGROUND

随着“一带一路”、京津冀协同发展、长江经济带三大战略的提出，各地积极谋篇布局，城镇化改革深入推进，基础设施建设规模日益扩大，为砂石骨料行业带来了巨大的市场发展空间，需求量和价格皆一路上涨。与此同时，砂石骨料行业所呈现出的历史性机遇也吸引了行业内外的高度关注，以水泥集团为首的各路资本纷纷投资拓展骨料板块。水泥企业发展砂石骨料生产，不仅发展前景广阔，更有着矿山资源充分、规模生产空间大、产业链稳定等传统骨料行业无法匹敌的优势。

With the proposal of One road,One Area,JingJinJi Synergetic Development and Yangtze River Economic Zone, many districts actively do a good job planning,promote the urbanization reform,and enlarge infrastructure construction scale,bringing the huge development space for sand and gravel aggregate industry,thus the amount and price of aggregate gets rising. At the same time,sand and gravel aggregate's historic opportunity also attracts industry's high attention and many enterprises begins to invest the aggregate such as cement group. Cement enterprises' expanding sand and gravel aggregate production has a broad prospect and many advantages such as sufficient mine resource,large scale production,stable industrial chain,but traditional aggregate industry no has these advantages.

注：红色部分为原有混料生产线，紫色部分为技改后新增生产线

Note: the red part is original mixing raw material production line, the purple part is new production line after modification.



水泥企业“一机两用、两线并用”生产线流程图
Flow chart of "one machine, two lines" production line in cement enterprises

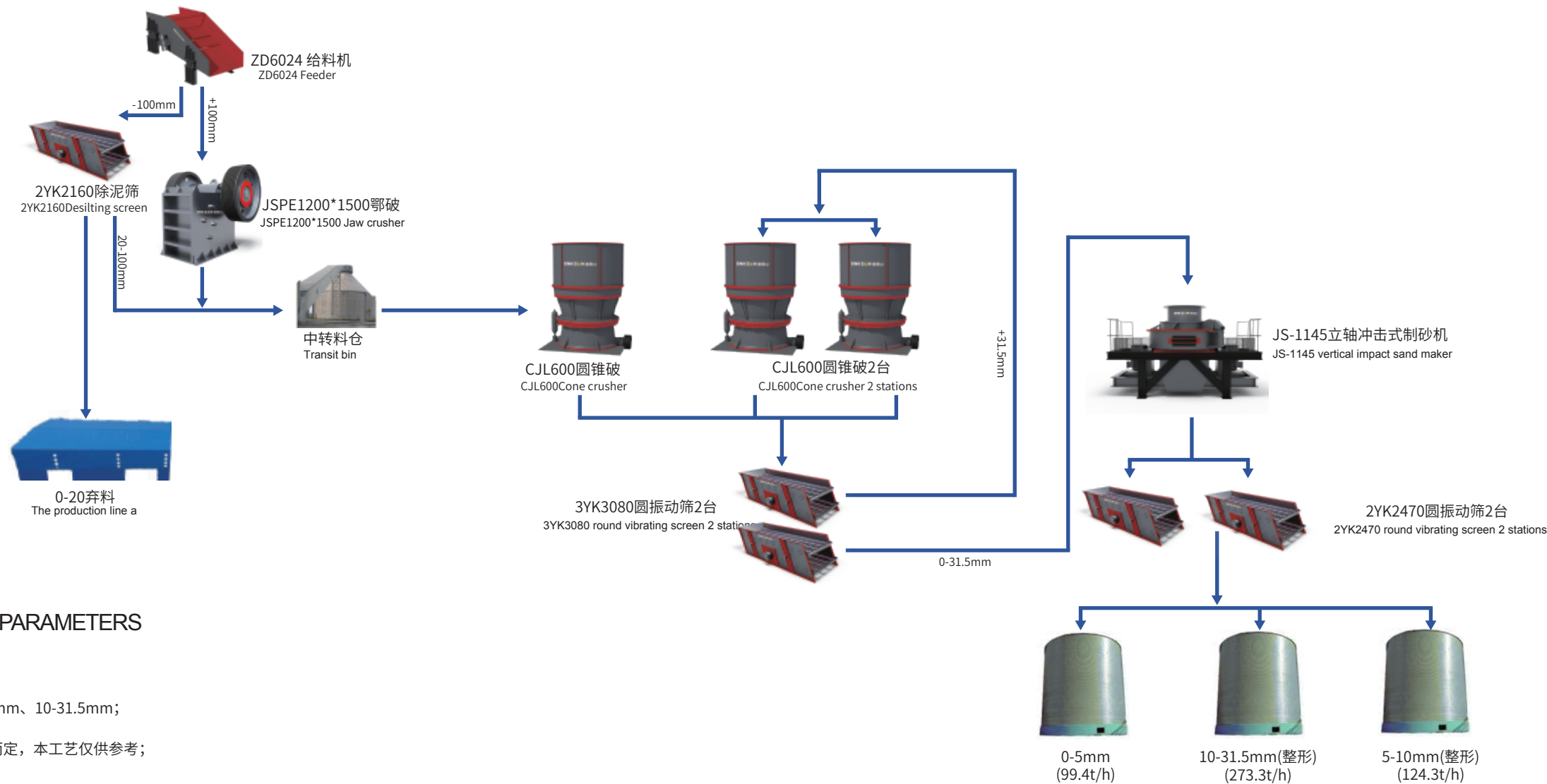
工艺特点/PROCESS FEATURES

- 根据市场行情，灵活组合石料的生产用途。更多时候，是根据市场变化，进行灵活调节生产比例，最大限度的增加企业效益。
- 根据矿石的质量可灵活选择生产方式。一方面避免资源浪费，另一方面变废为宝，创造经济价值。
- 环保方面：经综合除尘后可完全达到国家环保要求。全套生产线封闭采用钢结构框架，彩钢瓦封闭，按工厂标准化设计。
- 全自动控制系统：最大限度节约了人力，提高了管理水平，对生产环节实时监控，最大限度降低了生产风险。
- 节约投资成本 40% 以上，节约场地 70% 以上。

Flexible adjustment of stone production use with market can be change. More flexible adjustment production atio,maximum enhancing enterprise's benefits.
Flexible choose production style with the quality of stone.avoiding resource waste and making waste into treasure,creating economic value.
Environment protection:reaching the national environmental standards after dedusting equipment operation. The whole production line adopts close steel structure frame,color steel tile close,and is designed as plant standard.
Automatic control system:maximium saving labor,enhancing management, monitoring production process timely, maximum reducing the production risk.
Saving the above 40% investment cost, saving above 70%area.

绿色节能600吨硬岩精品骨料线流程图

FLOW CHART OF 600 TONS HARD ROCK FINE AGGREGATE LINE WITH GREEN ENERGY SAVING



技术参数/TECHNICAL PARAMETERS

- 最大进料尺寸: -900mm;
- 加工物料: 花岗岩;
- 成品料粒径: 0-5mm、5-10mm、10-31.5mm;
- 处理能力: -600t/h;
- 如用户原料特殊, 可依情况而定, 本工艺仅供参考;

Maximum feed size: - 900mm;
Processing materials: granite;
Size of finished material: 0-5mm, 5-10mm, 10-31.5mm;
Processing capacity: - 600 t/h;
If the user's raw material is special, it can be decided according to the situation.
This process is for reference only.

环保除尘说明/ENVIRONMENT PROTECTION AND DEDUSTING INSTRUCTION

本条石料生产线采用气箱脉冲布袋除尘器四台,通过除尘设备综合除尘后达到国家环保标准, 即20mg/m³以下, 符合《水泥厂大气污染物排放试行标准》、《工业企业设计卫生总则》相关要求。

The production line adopts 4 sets of air box pulse bag filter, reaching the national environmental standards (below 20mg/stere) after dedusting equipment operation. It meets the requirements of Cement Plant Atmospheric Pollution Discharge Trial Standard and Industrial Design Health General Rules.

工艺特点/PROCESS FEATURES

- 鑫金山圆锥破碎机设计先进, 机体紧凑, 破碎能力强。其破碎效率高而且能生产出极好粒型的产品。紧边排矿口 (CSS) 通过液压调整, 用户可以选择自动控制、多种不同的破碎腔形及其他许多高性能特性。每种型号都可适应用户的多种需求, 易于使用维护, 作业率高。
- 鑫金山机械的CJL和CJS系列圆锥破碎机有非常广泛的应用, 通过选择合适的破碎腔型及偏心距, 就可以很方便的适应不同的生产要求。我们的圆锥破碎机作为二段和三段破碎机十分理想, 它紧凑的结构、易于维护的设计特点也使它们成为移动设备的首选。

CJL&CJS Xinjinshan cone crusher has advanced design, compact body and strong crushing ability. It has high crushing efficiency and can produce excellent granular products. Close edge drainage (CSS) through hydraulic adjustment, users can choose automatic control, a variety of different crushing chambers and many other high-performance features. Each model can meet the various needs of users, easy to use and maintain, high operating rate.

The CJL and CJS series cone crushers of Xinjinshan Machinery are widely used. By choosing suitable crushing chamber and eccentricity, they can easily meet different production requirements. Our cone crusher is ideal as two-stage and three-stage crushers. Its compact structure and easy maintenance design make them the first choice for mobile devices.

工艺应用(1000TPH以下)

PROJECT CASE (Below 1000TPH)

● 模块化生产线/MODULAR PRODUCTION LINE



中国建材集团500TPH高效能骨料机制砂生产线

CBMI Constructioin Co.,LTD 500 TPH aggregate mechanism sand Production line

鑫金山联合中国工程院院士、中国建材集团共同研发高效能骨料线！

Xinjinshan, together with academicians of Chinese Academy of Engineering and China Building Materials Group, jointly develops high-performance aggregate line.

新型的骨料生产线采用了中联水泥与鑫金山联合开发的破碎机，新的破碎机有以下优点：

- 流程简单，一台破碎机取代了三台，减少了输送设备。
- 耗能低：同比节省50%以上。
- 生产成本低：专利结构、磨损少。
- 产品粒型结构好，粉料少、适合骨料破碎。

The new aggregate production line adopts the new type crusher, which is researched and developed by Xinjinshan and China United Cement Corporation. Its advantages as followings:

Simple process. One set of crusher replaces of three sets of traditional crushers, reducing the quantity of belt conveyors.

Low energy consumption. The energy consumption can be saved 50%.

Low production cost. The patented rotor structure reduced the abrasion of wear-resistant parts.

The particle shape is good, and there is less powder produced. The new type crusher is very suitable to the aggregate production.

● 怀远中联水泥有限公司500TPH砂石骨料生产线

HUAIYUAN ZHONGLIAN CEMENT CO., LTD. 500TPH SANDSTONE AGGREGATE PRODUCTION LINE

骨料线主机采用鑫金山机械专利产品——新型单段锤式破碎机(新型单段重锤反击破)，该设备是矿山破碎领域的首选设备，石料一次成形，可有效控制生产线中石粉含量。该系统节能水平、产能均达到行业前列，符合国家对规模、质量、节能以及环保等各方面的要求，全面实现了大型化绿色生产。

○ 生产线配置：ZD6020振动式给料机一台，JSPCD1820新型单段锤式破碎机(新型单段重锤反击破)一台，YK3080圆振动筛1台，YK2680圆振动筛1台,除土筛YK1860一台。

○ 出料粒度：0—5mm, 5—10mm, 10—20mm, 20—31.5mm

The main machine of aggregate line is a new type of single-stage hammer crusher(new single-rotor heavy hammer impact crusher), which is patented by Jinshan Machinery. This equipment is the preferred equipment in the field of mine crushing. The content of stone powder in the production line can be effectively controlled by one-time forming of stone. The energy-saving level and production capacity of the system have reached the forefront of the industry, which meets the requirements of the state on scale, quality, energy-saving and environmental protection, and comprehensively realizes large-scale green production.



● 非洲加纳400TPH玄武岩生产线

Gamer Africa 400 TPH Basalt Production Line

该生产线破碎主机采用鑫金山CJL&CJS高性能单缸液压圆锥破碎机设计先进，机体紧凑，破碎能力强。其破碎效率高而且能生产出极好粒型的产品。紧边排矿口（CSS）通过液压调整，用户可以选择自动控制、多种不同的破碎腔形及其他许多高性能特性。

○ 生产线配置：JSPE1200X1500颧式破碎机，CJL600单缸液压圆锥破碎机一台,CJS400单缸液压圆锥破碎机两台。

○ 出料粒度：0—5mm, 5—10mm, 10—20mm, 20—31.5mm

The main crushing machine of this production line adopts Xinjinshan CJL&CJS single cylinder hydraulic cone crusher with advanced design, compact body and strong crushing ability. It has high crushing efficiency and can produce excellent granular products. Close edge drainage (CSS) through hydraulic adjustment, users can choose automatic control, a variety of different crushing chambers and many other high-performance features.



● 枣庄交通发展集团800TPH砂石骨料生产线

Zaozhuang traffic development group 800tph aggregate production line

采用鑫金山全套模块化砂石同出生产线，该生产线自投入运营以来，系统运行平稳可靠，设备性能良好，实现了达标达产的目标。

○ 生产线配置：ZD6024振动式给料机1台、JSPCD2224新型单段锤式破碎机(新型单段重锤反击破)1台、2YK3080圆振动筛4台、2YK2470除土筛1台、RV-S8制砂机1台、2YK3080圆振动筛1台。

○ 出料粒度：0—5mm, 5—10mm, 10—20mm, 20—31.5mm

Xinjinshan whole set of modular sand and stone are used to go out of the production line. Since the production line is put into operation, the system has been running stably and reliably, and the equipment performance is good, and the target of reaching the production standard has been achieved



工艺应用(1000——2000TPH)

PROJECT CASE (Below 1000—2000TPH)

标准生产线/STANDARD PRODUCTION LINE



淮北建投通鸣矿业1500TPH精品砂石骨料生产线

Huaibei Jiantou Tongming Mining 1500 TPH fine aggregate production line

淮北建投通鸣矿业1500TPH精品砂石骨料生产线是枣庄鑫金山智能装备有限公司于2017年EPC总包的高端精品砂石骨料线，鑫金山根据高楼山矿区情况和产量需求，本着“资源利用集约化，开采方式科学化，生产工艺环保化”的生产原则，为其量身定制了时产1500吨精品砂石骨料破碎系统，其主要设备包括新型单段锤式破碎机(新型单段重锤反击破)、筛分传输设备，JSS集成式模块化精品机制砂系统。

Huaibei construction investment Tongming mining 1500tph fine aggregate production line is a high-end fine aggregate production line EPC contracted by Zaozhuang xinjinshan Intelligent Equipment Co., Ltd. in 2017. According to the situation and production demand of gaoloushan mining area, xinjinshan is based on the production principle of "resource intensive utilization, scientific mining method and environmental protection production process", The main equipment includes new single-rotor hammer crusher(new single-rotor heavy hammer impact crusher), screening and transmission equipment, JSS integrated modular fine manufactured sand system.

山东联合王晁水泥1000TPH砂石骨料生产线

Shandong United Wangchao cement 1000tph aggregate production line

该项目采用鑫金山EPC总承包方式，建设一条时产1200吨短流程砂石同出生产线，分两期施工，二期工程长胶带衔接，全程7.5公里长距离输送，建设周期6个月，将打造成为一条节能环保型高端智能绿色精品砂石骨料生产线。

○ **生产线配置：** BWJ2000*12重型板式给料机一台，JSPCD2226新型单段锤式破碎机(新型单段重锤反击破)一台，JS2YK3680圆振动筛1台、3SLSZ2870环保筛2台、JS2YK3080圆振动筛1台。

○ **出料粒度：** 0-5mm,5-10mm,10-20mm,20-31.5mm

The project adopts xinjinshan EPC method to build a short process aggregate production line with an output of 1200 tons per hour, which is divided into two phases. The second phase is connected by long belt, and the whole process is 7.5km long-distance transportation. The construction period is 6 months. It will be built into an energy-saving and environment-friendly high-end intelligent green fine aggregate production line.



泉兴集团1500TPH砂石骨料生产线

Quanxing group 1000 TPH Sandstone Aggregate Production Line

○ 用最低的投资，最大限度满足高生产能力和产品质量，关键就在于生产工艺流程和主机设备选型，而鑫金山机械时产1500吨精品骨料破碎系统成功抓住了该核心问题，帮矿山企业成功提高了行业投资回报率。

○ **生产线配置：** ZD6026振动式给料机一台，JSPCD2426新型单段锤式破碎机(新型单段重锤反击破)一台，JSPCD1824回料破碎机一台，YK3080圆振动筛4台，除土筛YK2470一台。

○ **出料粒度：** 0-5mm,5-10mm,10-20mm,20-31.5mm

The key to satisfy the high production capacity and product quality with the lowest investment lies in the selection of production process and main equipment. The 1500 tons high-quality aggregate crushing system of Jinshan Machinery has successfully grasped the core problem and helped the mining enterprises to improve the return on investment.



湖北葛洲坝水泥2000TPH砂石骨料生产线

Hubei Gezhouba Cement 2000 TPH Sandstone Aggregate Production Line

采用鑫金山公司主打的高效能、短流程工艺设计，进行系统集成，对给料、破碎、输送、筛分、存储和环保等五大系统进行智能整合。同时配自动装车、自动购销、无人值守系统，将生产线打造成名副其实的高度智能化砂石骨料生产线。

○ **生产线配置：** ZD6026振动式给料机一台，JSPCD2626新型单段锤式破碎机(新型单段重锤反击破)一台，JSPCD1824回料破碎机一台，YK3080圆振动筛8台，除土筛YK3080一台。

○ **出料粒度：** 0-5mm,5-10mm,10-20mm,20-31.5mm

The system integrates the five systems of feeding, crushing, conveying, screening, storage and environmental protection with the high efficiency and short process design of Xinjinshan Company. At the same time, it is equipped with automatic loading, automatic purchasing and selling, and unattended system to build the production line into a highly intelligent sand aggregate production line.



工艺应用(3000TPH)

PROJECT CASE (Below 3000TPH)

● EPC总承包 (超大型智能化精品砂石骨料生产基地年产1500万吨/2000万吨) /EPCO GENERAL CONTRACT



山东永昌路桥集团3000TPH新型砂高效节能精品砂石骨料生产线

Shandong Yongchang Luqiao Group 3000TPH
New Sand High Efficiency Energy Saving Quality Sand and Stone Aggregate Production Line

山东永昌路桥集团时产3000吨精品砂石骨料生产线位于山东济宁，是鑫金山于2015年设计建造的新型高效节能精品骨料线，该生产线采用新型设计工艺，生产流程短，主机使用鑫金山专利产品——2630型新型单段锤式破碎机(新型单段重锤反击破)，2016年6月通过济宁市政府的工作验收，现已整体投产运营，成为名副其实的国内单机台时产量最大的骨料生产线。该生产线荣获2016年度国家首台（套）核心技术认证，其独有的“高效节能”及“石粉控制”技术每年可为永昌路桥集团节约数百万电费，创收数千万。

The 3000 ton fine aggregate production line of Shandong Yongchang Road and Bridge Group is located in Jining, Shandong Province. It is a new high-efficiency and energy-saving fine aggregate production line designed and built by xinjinshan in 2015. The new design process is adopted in the production line, and the production process is short. The main machine uses the patent product of xinjinshan - 2630 single-stage hammer crusher (New single-stage heavy hammer). In June 2016, it passed the work acceptance of Jining Municipal government and has been put into operation as a whole. It has become the largest aggregate production line with single machine hour production in China. The production line won the 2016 national first set of core technology certification. Its unique "high efficiency and energy saving" and "stone powder control" technology can save millions of electricity bills and generate tens of millions of income for Yongchang Road and bridge group every year.

● 禹州国泰建材3000TPH精品骨料生产线

Yuzhou Cathay Pacific Building Materials 3000TPH Quality Aggregate Production Line

EPC总包工程，建设了许昌地区首条年产千万吨级精品骨料生产线，并严格按照国家“绿色矿山建设标准”进行设计规划，大力开展矿山生态修复工作。致力于生产高品质砂石骨料，保障砂石供应，符合当前国家产业政策，为砂石行业树立了典范。

○ 生产线配置：BWJ2800*7重型板式给料机一台，ZD4530振动式给料机一台，JSPCD2630新型单段锤式破碎机(新型单段重锤反击破)一台，JSPCD1826回料破碎机一台，YK3280圆振动筛12台，除土筛YK2680一台。

○ 出料粒度：0-5mm,5-10mm,10-20mm,20-31.5mm

The first production line of fine aggregate with an annual output of 10 million tons in Xuchang area was constructed by EPC project, and the design and planning were carried out in strict accordance with the national "green mine construction standard", and the mine ecological restoration work was vigorously carried out. Committed to the production of high-quality aggregate, ensure the supply of sand, in line with the current national industrial policy, set a model for the sand industry.



● 升华集团易县3000TPH精品骨料生产线

Sublimation Group Yixian 3000TPH Quality Aggregate Production Line

项目位于河北省易县，为雄安新区建设提供优质精品砂石骨料。鑫金山依托国内先进的产品技术和完善的工艺设计，从建设单位的要求和实际安装环境出发，对生产线进行全方位创新设计，为客户提供了高端、智能、个性化定制服务。

○ 生产线配置：BWJ4530板式给料机一台，ZD6030振动式给料机一台，JSPCD2630新型单段锤式破碎机(新型单段重锤反击破)一台，JSPCD1826回料破碎机一台，YK3080圆振动筛12台，除土筛YK3080一台。

○ 出料粒度：0-5mm,5-10mm,10-20mm,20-31.5mm

The project is located in Yixian County, Hebei Province, providing high-quality sand and stone aggregate for the construction of Xiongan New District. Xinjinshan Intelligent relying on domestic advanced product technology and perfect process design, proceeding from the requirements of construction units and actual installation environment, carries out all-round innovative design of production lines, providing customers with high-end, intelligent and personalized customization services.



● 内蒙古天皓水泥3000TPH砂骨料生产线

Inner Mongolia Tianhao Cement 3000TPH Sand Aggregate Production Line

内蒙古天皓水泥位于内蒙古呼和浩特市清水河县。该水泥厂为当地之最。鉴于砂石骨料的需求日趋增大，天皓集团经过多次考察，多方对比，选定鑫金山的短流程工艺，并采购全套主机设备。该项目也是一机两用案例，1-2,1-3型骨料用于销售，瓜子米与石粉直接进水泥线。

○ 生产线配置：ZD4530板式给料机一台，ZD6030振动式给料机一台，JSPCD2630新型单段锤式破碎机(新型单段重锤反击破)一台，JSPCD1626回料破碎机一台，YK3080圆振动筛12台，除土筛YK2680一台。

○ 出料粒度：0-5mm,5-10mm,10-20mm,20-31.5mm

Inner Mongolia Tianhao Cement is located in Qingshuihe County, Hohhot City, Inner Mongolia. The cement plant is the largest in the region. In view of the increasing demand for sand aggregate, Tianhao Group has selected the short process technology of Xinjinshan and purchased a complete set of main equipment after many investigations and comparisons. The project is also a machine-to-machine dual-use case, 1-2,1-3 aggregate for sale, melon seed rice and stone powder directly into the cement line.



世界之最——中电建集团神山7000万吨/年砂石项目

The World's Most-Shenshan 70 million tons/year Sandstone Project of China Power Construction Group

项目介绍/PROJECT INTRODUCTION

中电建安徽长九新材料股份有限公司神山灰岩项目是池州市最大的招商引资项目，总投资120亿元。项目矿区面积4.73平方公里，灰岩矿储量19.08亿吨，项目规模7000万吨/年，运营期29.5年。矿区共布置4套“溜井+平硐”系统，每套系统的生产能力为3100t/h，总生产规模为12400t/h，矿石加工系统采取干法生产模式，建筑石料生产成品率约98.5%。项目建成后将问鼎世界骨料项目规模之最。

对于坚持高标准高质量严要求、建成世界最大的工程机械骨料标杆基地的中电建来说，早在2016年2月3日成功竞得神山灰岩矿采矿权之前，公司就组织专家团队作了大量项目前期功课，就矿山开采、加工工艺设备选型、码头设计、道路规划进行了全面深入的研究探讨。而枣庄鑫金山智能机械股份有限公司，就是在这层层筛选与无数次的考察探究后选定主机破碎设备提供方。

Shenshan Limestone Project of Anhui Changjiu New Materials Co., Ltd. is the largest investment attraction project in Chizhou City, with a total estimated investment of 12 billion yuan. The mining area of the project covers 473 square kilometers, and the reserves of limestone ore are 1.908 billion tons. The scale of the project is 70 million tons per year. The operation period is 29.5 years. Four sets of "chute + adit" system are arranged in the mining area. The production capacity of each system is 3100 t/h, and the total production scale is 1240 t/h. The ore processing system adopts dry production mode, and the finished product rate of building stone is about 98.5%. After the completion of the project, it will be the largest aggregate project in the world.

For China Electric Power Construction, which adheres to high standards, high quality and strict requirements, and builds the world's largest aggregate benchmarking base for engineering mechanism, as early as February 3, 2016, before winning the mining right of Shenshan Limestone Mine successfully, the company organized a large number of expert teams to do a lot of pre-project homework on mining, selection of processing technology and equipment, and wharf design. The road planning has been thoroughly studied and discussed. Zaozhuang Xinjinshan Intelligent Machinery Co., Ltd. is to select the main crushing equipment supplier after this layer of screening and numerous investigations.

项目地点/PROJECT LOCATION



项目效果图/PROJECT EFFECTIVENESS MAP



人工筛分检测鑫金山砂石骨料生产线产量、级配

Artificial Screening Detection of Yield and Gradation of Xinjinshan Sandstone Aggregate Production Line



中标公告/WINNING ANNOUNCEMENT



签约现场/SIGNING SITE



待发货/TO BE SHIPPED



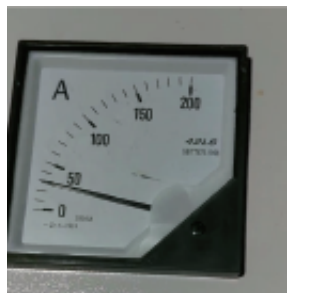
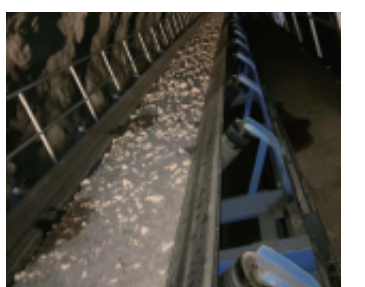
安装现场/INSTALLATION SITE



我们严格按照合同约定和项目现场实际施工进度的要求，按时保质保量地提供相关设备，确保工程进展到哪个阶段，设备就供应到哪个阶段，始终与用户保持密切沟通，从根本上保证了工程建设之需，为工程施工提供了装备支撑，对设备供应与工程建设的配套进行，项目建设单位给予充分肯定。

In strict accordance with the contract agreement and the actual construction progress requirements of the project site, we provide relevant equipment on time, quality and quantity to ensure that the project progresses to which stage, the equipment will be supplied to which stage, and maintain close communication with users, which fundamentally guarantees the needs of the project construction and provides equipment support for the project construction. Supporting, the project construction units give full affirmation to the matching of equipment supply and engineering construction.

试机成功/SUCCESSFUL COMMISSIONING



一期六条骨料线陆续顺利运行，由鑫金山公司提供的2000t/h主机实际产量经检测达2600t/h，完全达标达产且大幅超出设计产能。试车期间，电流始终保持在25安左右，折合吨破碎电耗仅0.3度，测试数据震惊了所有场测试人员。

Six aggregate lines in phase I have been running smoothly, and the actual output of 2000t / h main machine provided by xinjinshan company has reached 2600t / h, which is fully up to the standard and greatly exceeds the design capacity. During the test run, the current is kept at about 25 A, which is equivalent to 0.3 degree per ton of crushing power consumption. The test data shocked all field testers.

智能与自动化控制系统

AUTOMATIC CONTROL SYSTEM

● 中控运营中心/CENTRAL CONTROL OPERATING CENTER

- 主要包括工业电视大屏幕、操作台、控制系统等。是整个运营管理的中心。
- 投放内容：生产组态画面，生产监控，生产指标数据，销售出厂数据，无人值守计量，能源消耗状态。

It mainly includes industrial TV large screen, operating platform, control system and so on. It is the center of the whole operation management.
Play content: production configuration screen, production monitoring, production index data, sales data, unattended measurement, energy consumption status.



● 鑫金山工业云系统/XINJINSHAN INDUSTRIAL CLOUD SYSTEM

- 鑫金山在设备仿真分析和实际运行故障反馈数据的基础上，拟定设备智能化方案，开发的金山工业云系统，将生产线的各个环节融入其中，增加了检测模块、监测模块和执行机构，通过采用各种类型的传感器和执行器，实现对关键部位温度、振动和磨损的检测，主要部位故障的报警，系统自动集中润滑，壁板和锤头间隙自动调整，确保设备高效、安全运行。
- On the basis of equipment simulation analysis and actual operation fault feedback data, Xinjinshan develops equipment intellectualization scheme, develops Jinshan industrial cloud system, integrates all links of production line into it, adds detection module, monitoring module and executing mechanism, and realizes pairing by using various types of sensors and actuators. Detection of temperature, vibration and wear in key parts, alarm of main parts failure, automatic centralized lubrication of system, automatic adjustment of clearance between wall plate and hammer head, ensure efficient and safe operation of equipment.

● 智能装车系统/INTELLIGENT LOADING SYSTEM

- 装车过程中真正实现无人值守；
- 散装机与地磅连锁，保证装车精度；
- 库底设置智能系统，通过红外装置、料位仪、测速仪计算车箱尺寸，自动计算装车料位，防止溢料。

In the process of loading, no one is on duty.
Bulk loaders are interlinked with ground weights to ensure loading accuracy.
Intelligent system is set up at the bottom of the warehouse, which calculates the size of the car box through infrared device, material level meter and tachometer, and automatically calculates the loading material level to prevent spillover.

● DCS控制系统/DCS CONTROL SYSTEM

- 由计算机作为中央监控工作站，以西门子电气S7-400系列自动化系列产品作为现场控制站，组成集散型控制系统；
- 通过逻辑编程，控制整条生产线的运行，各传动点均设置电流显示、电机测温、测振、保护及预警功能、皮带机拉紧、跑偏、速度显示；
- 生产线设备各轴承位置均设有测温仪，通过与DCS连锁控制，全自动化注油。

The distributed control system is composed of computer as central monitoring workstation and Siemens Electric S7-400 series automation products as field control station. Logic programming is used to control the operation of the whole production line. Current display, motor temperature measurement, vibration measurement, protection and warning functions, belt tension, deviation and speed display are set at each transmission point.
Each bearing position of the production line equipment is equipped with a thermometer, through the chain control with DCS, automatic oil injection.

● 库底称重系统/BASE WEIGHING SYSTEM

● 设备诊断与管理系统/DIAGNOSTIC MANAGEMENT SYSTEM

● 多秤联网集中控制/MULTI-SCALE NETWORKING CONTROL

● 地磅诊断系统/GROUND SCALE DIAGNOSTIC SYSTEM

智能与自动化控制系统

AUTOMATIC CONTROL SYSTEM



⌂ 轴承测温模块
Bearing Temperature
Measurement Module



⌂ 称重模块
Weighing Module



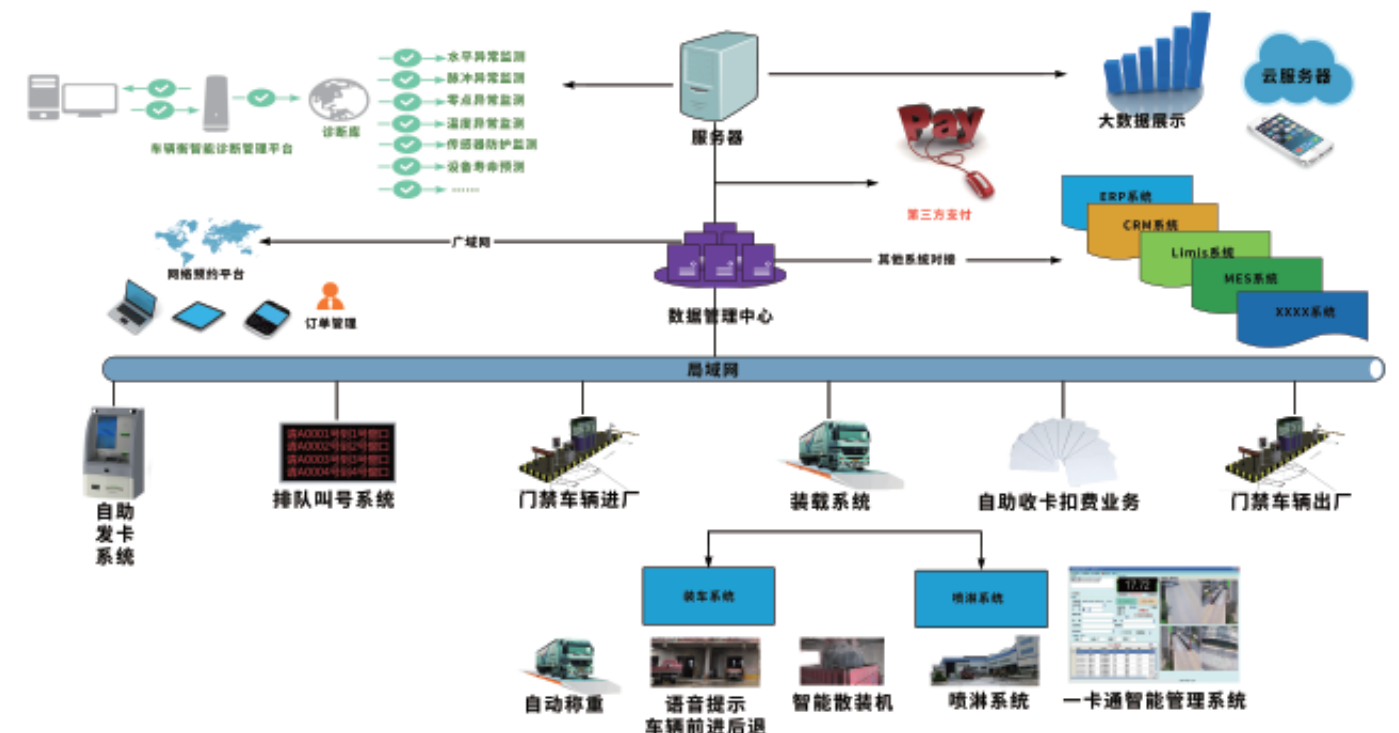
⌂ 振动监控模块
Vibration Monitoring
Module



⌂ 自动控制模块
Automatic Control
Module



● 智能发运系统/INTELLIGENT SHIPPING SYSTEM



工程案例

PROJECT CASE



枣庄众润新型建材日产10000吨精品骨料生产线
Zaozhuang Zhongrun New Building Material Production Line with 10000 tons of Excellent Aggregate per day



山东宝地建材2000TPH砂石骨料生产线
Shandong Baodi Building Material 2000 TPH Sandstone Aggregate Production Line



德清县康柏矿业3000TPH砂石骨料生产线
Deqing Kangbai Mining 3000TPH Sandstone Aggregate Production Line



银光汇通建材2000TPH砂石骨料生产线
Yingguang Huitong building materials
2000TPH aggregate production line



济宁永昌路桥3000TPH砂石骨料生产线
Jining Yongchang Road Bridge
3000TPH Sandstone Aggregate Production Line



武汉鑫天锡矿业3000TPH砂石骨料生产线
Wuhan Xintianzhi Mining 3000TPH Sandstone Aggregate Production Line



长江矿业3000TPH砂石骨料生产线
Changjiang mining industry 3000TPH
Sandstone Aggregate Production Line



黄金山采石厂2000TPH砂石骨料生产线
Huangjinshan quarry 3000TPH
Sandstone Aggregate Production Line



滇西红塔水泥2000TPH砂石骨料生产线
Hongta Cement 2000 TPH Sandstone
Aggregate Production Line in Western Yunnan



宣城中瑞建材2000TPH精品砂石骨料生产线
Xuancheng Zhongrui Building Material
2000 TPH Quality Sandstone Aggregate Production Line



润扬矿业3000TPH砂石骨料生产线
Runyang mining 3000TPH Sandstone Aggregate Production Line

工程案例

PROJECT CASE

工程案例

PROJECT CASE



山东宏跃2000TPH骨料生产线
Shandong Hongyue 2000 TPH aggregate production line



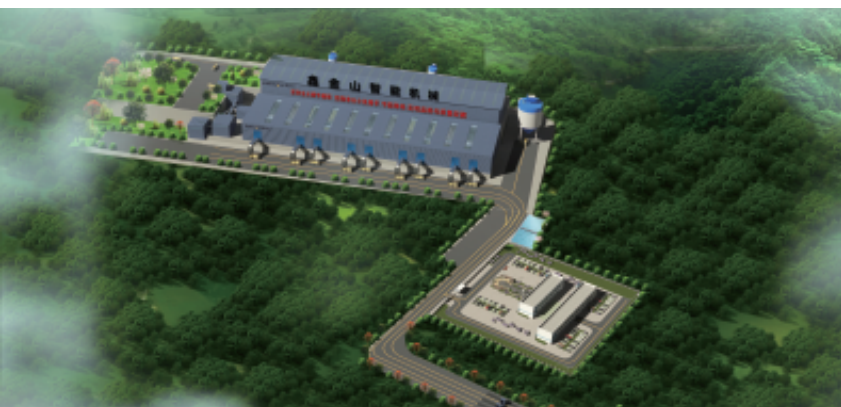
河南湖波水泥2000TPH骨料生产线
Henan Hubo Cement 2000 TPH Aggregate Production Line



费县城乡建设投资1500TPH砂石骨料生产线
Investment in urban and rural construction
of Feixian County 1500TPH Sandstone Aggregate Production Line



山东辉泰矿业1000TPH砂石骨料生产线
Huitai Mining Industry in Shandong
Province 1000TPH Sandstone Aggregate Production Line



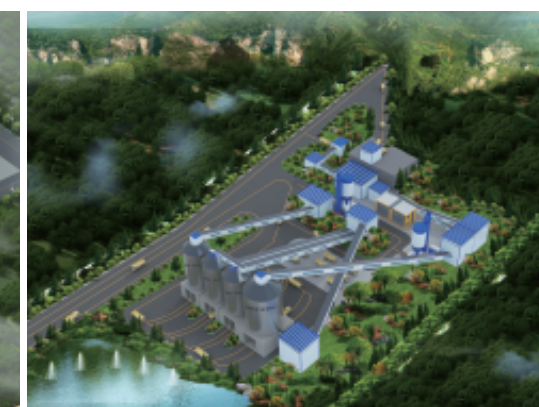
宣城中瑞建材2000TPH砂石骨料生产线
Xuancheng Zhongrui Building Material
2000 TPH Sandstone Aggregate Production Line



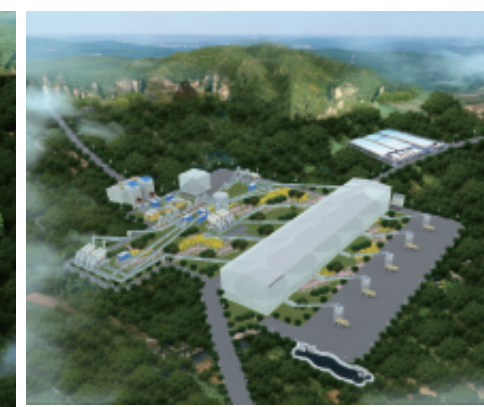
涪陵大业建材2000TPH精品砂石骨料生产线
Fuling Daye Building Material
2000 TPH Quality Sandstone Aggregate Production Line



德安县永飞矿业1500TPH砂石骨料生产线
Yongfei Mining Industry in De'an County
1500TPH Sandstone Aggregate Production Line



汪洋建宝水泥1000TPH砂石骨料生产线
Wangyang Jianbao Cement
1000TPH Sandstone Aggregate Production Line



雷鸣矿业1500TPH砂石骨料生产线
Leiming Mining Industry 1500TPH
Sandstone Aggregate Production Line



嘉华创展建材2000TPH砂石骨料生产线
Jiahua Creates 2000 TPH Sandstone
Aggregate Production Line for Building Materials



禹鑫建材1500TPH砂石骨料生产线
Yuxin Building Material
1500TPH Sandstone Aggregate Production Line



滁州中联1000TPH砂石骨料生产线
Chuzhou Zhonglian 1000TPH
Sandstone Aggregate Production Line



蒙西集团1200TPH砂石骨料生产线
Mongxi Group 1200TPH
Sandstone Aggregate Production Line



崇阳昌华建材1000TPH砂石骨料生产线
Chongyang Changhua Building Material
1000TPH Sandstone Aggregate Production Line

工程案例

PROJECT CASE



ONE-STOP SMART SERVICE 一站式智能服务



团队服务

技术精湛的技术人员，经验丰富的服务团队，为您提供最专业的服务。
Skilled technical personnel, the experienced service team, supplying professional service.



智能网络平台

请登录<http://www.zzjsjx.com>随时随地与我们沟通。
微信公共平台搜索“枣庄鑫金山智能装备有限公司”。
Please log in <http://www.zzjsjx.com>, contacting us anytime and anywhere.
Wechat public platform to search “枣庄鑫金山智能装备有限公司”.



售前

- (1) 指导客户选择最为适用的设备型号。
- (2) 免费派工程技术人员到现场为用户规划场地、设计最佳流程和方案。
- (3) 可以根据客户的特殊需求，设计制造产品。
 1. To guide customers to choose the most suitable equipment model.
 2. Free sent engineering and technical personnel to the scene to plan site for the user and design process and the best scheme.
 3. To design and make products as the special needs of customers.



售中

- (1) 产品出厂前的严格检验。
- (2) 依照合同组织发货。
 1. Strict check before delivering.
 2. Delivering as the contract.



售后

- (1) 指派专门的售后服务人员，到现场指导设备安装、调试、试运行。
- (2) 国内客户生产过程中遇到的问题，服务人员保证在24小时内给予明确的解决方案，最快速度赶至现场处理。
 1. Appoint special after-sale service staff to on-site guidance equipment installation, commissioning and trial operation.
 2. If problems in the production of domestic customers, our company service personnel guarantee to give definite solutions within 24 hours, and first time to reach the scene and solve the problem.



配件供应

充足的配件设备，及时的配件供应，让您高枕无忧。
Adequate equipment parts, parts supply in time, let you no worries.