



HENGYANG TONZO MACHINERY EQUIPMENT CO., LTD



通卓机械，让物料处理更高效

hengyang tongzhuo

HENGYANG TONZO MACHINERY EQUIPMENT CO., LTD.

衡阳通卓机械设备有限公司

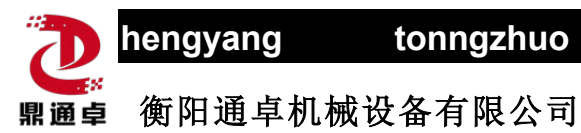
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SINCERE COOPERATION • SHARED GROWTH

真诚合作 和谐发展

以可靠设备创造价值，以专业服务赢得信赖，与您携手迈向更加稳健的未来.....

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公司简介

BRIEF INTRODUCTION

通卓机械是一家面向砂石骨料、矿山及建材行业的机械装备与解决方案提供商。公司围绕物料破碎、制砂、筛分、洗选、回收和输送等关键生产环节，为客户提供设备选型、流程配置及项目配套服务。

公司产品主要包括颚式破碎机、圆锥式破碎机、锤式破碎机、立轴冲击式制砂机、振动给料机、振动筛、叶轮洗砂机、滚筒洗石机、砂石分离机、细沙及尾砂回收设备、皮带输送机等。根据原料性质、目标产能、成品规格、场地条件和环保要求，可为客户配置相应的单机设备或成套生产方案。

通卓机械坚持从客户实际工况出发，将需求分析、方案设计、设备制造、安装调试、操作指导和售后支持贯穿项目全过程。公司通过规范化制造、关键环节质量控制和持续技术改进，努力降低设备故障率和维护成本，提高生产线的稳定性、处理效率与综合效益。

我们以客户需求为导向，以可靠质量为基础，以及时服务为保障，认真对待每一次沟通、每一台设备和每一个项目。通卓机械愿与客户及合作伙伴建立长期、务实、互利的合作关系，共同推动砂石骨料生产向高效、节能和规范化方向发展。

TONZO Machinery provides equipment and process solutions for the aggregate, mining and building-material industries. Our business covers the key stages of material crushing, sand making, screening, washing, recovery and conveying. We support customers with equipment selection, process configuration and project services based on their actual operating conditions.

Our main products include jaw crushers, cone crushers, hammer crushers, vertical-shaft impact sand-making machines, vibrating feeders, vibrating screens, wheel sand washers, rotary stone washers, aggregate separators, fine-sand and tailings recovery systems, and belt conveyors. Individual machines or complete production solutions can be configured according to feed characteristics, target capacity, final-product specifications, site conditions and environmental requirements.

Starting from the customer's actual operating conditions, TONZO Machinery integrates demand analysis, solution design, equipment manufacturing, installation and commissioning, operational guidance and after-sales support throughout the project. Standardized manufacturing, quality control at critical stages and continuous technical improvement help reduce equipment failures and maintenance costs while improving production-line stability, processing efficiency and overall performance.

Customer needs guide our decisions, reliable quality forms the foundation of our work, and responsive service supports every delivery. TONZO Machinery is committed to building long-term, practical and mutually beneficial relationships with customers and partners, while contributing to more efficient, energy-conscious and standardized aggregate production.

【企业精神】

诚信、务实、精工、创新。

【成功之关键】

理解客户工况，做对每一套方案；坚持质量标准，造好每一台设备；兑现服务承诺，保障每一个项目。

【管理哲学】

目标明确，责任到人；过程受控，结果可验；以数据发现问题，以标准规范执行，以持续改进提升效率。

【公司战略】

聚焦砂石骨料、矿山及建材装备领域，围绕破碎、制砂、筛分、洗选、细沙回收和物料输送持续完善产品体系；以可靠设备和工程服务深耕国内市场，稳步拓展国际业务，建设值得客户长期信赖的机械装备品牌。

【企业文化】

以客户为中心，以质量为底线，以技术为驱动，以协作为方法。尊重专业、鼓励改进、勇于担当、兑现承诺，让员工、企业、客户和合作伙伴共同成长。



新型高效深腔颚式破碎机

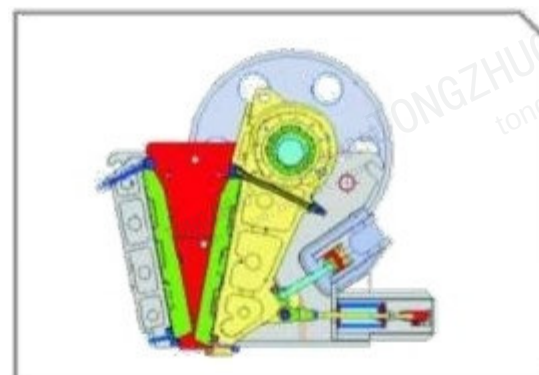
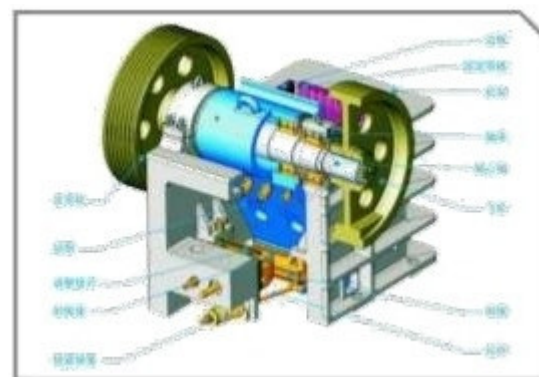
Jaw Crusher

产品描述

本系列产品，具有破碎比大、产品粒度均匀、结构简单、工作可靠、维修简便、运营费用经济等特点。广泛运用于矿山、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350兆帕的各种物料。

Product Description

Jaw crusher series have features of big crushing ratio, uniform products size, simple structure, reliable work, easy maintenance and low cost. It is widely used in stone mining, metallurgy industry, building material, highway, water conservancy and chemical industries. Various material with compression resistance less than 320MPa can be crushed.



工作原理

颚式破碎机的工作方式为曲动挤压型，其工作原理是：电动机驱动皮带和皮带轮，通过偏心轴使动颚上下运动。当动颚上升时，肘板与动颚间夹角变大，从而推动动颚板向固定颚板接近，与此同时物料被压碎或劈碎，达到破碎的目的；当动颚下行时，肘板与动颚间夹角变小，动颚板在拉杆、弹簧的作用下离开固定颚板，此时已破碎物料从破碎腔下口排出。随着电动机连续转动，破碎机动颚作周期性压碎和排料，实现批量生产。

Working Principle

Jaw crusher's working type is of moving and squeezing. The working principle is as follows: Jaw crusher uses motor as its power. Through the motor's wheels, the eccentric shaft is driven by the triangle belt and slot wheel to make the movable jaw plate move by a regulated track. Therefore, the materials in the crushing cavity composed of fixed jaw plate, movable jaw plate and side-lee board can be crushed and discharged through the discharging opening.



新型高效深腔颚式破碎机

Jaw Crusher

产品优势和特点

1. 破碎比大，产品粒度均匀
2. 垫片式排料口调整装置，可靠方便，调节范围大，可满足不同客户的需求
3. 润滑系统安全可靠，部件更换方便，保养工作量小
4. 结构简单，工作可靠，运行费用低

Advantages and Features

1. High crushing ratio, uniform particle size
2. Point eclipse discharge opening adjustment device, reliable and easy to adjust the range to meet the needs of different customers.
3. Safe and reliable lubrication system, easy to replace parts, low maintenance workload.
4. Simple structure, reliable function, low operating cost.

主要技术参数 (Main technical parameters)

型号 Model	进料口尺寸 Feeding Opening Size (mm)	最大进料粒度 Max. Feeding Size (mm)	出料口调整范围 Adjustment Range of Discharging Opening (mm)	处理能力 Capacity (t/h)	功率 Power (kw)	外型尺寸 Overall Dimension (mm)	重量 Weight (t)
PE250×400	400×250	210	20-80	5-20	15	1450×1315×1296	2.8
PE400×600	600×400	350	40-100	15-65	30	1700×1732×1653	6.2
PE500×750	750×500	425	50-100	45-110	55	2035×1921×2000	11
PE600×900	900×600	500	65-140	90-180	65-75	2290×2206×2370	16
PE750×1060	1060×750	630	80-160	110-320	110	2655×2302×3110	29
PE900×1200	1200×900	750	100-200	200-400	132	3380×2870×3330	54.5
PE1000×1200	1200×1000	850	195-260	220-450	160	3480×3876×3330	58
PE1200×1500	1500×1200	1020	150-300	400-800	180-220	4200×3760×3820	100.9
PEX150×250	250×150	125	10-40	1-5	5.5	975×758×850	0.81
PEX150×750	750×150	125	18-48	5-16	15	1200×1600×1200	3.8
PEX250×1000	400×250	210	25-60	15-50	30-37	1530×1992×1380	7
PEX250×1200	1200×250	210	25-60	20-60	37	1900×2192×1430	8
PEX300×1300	1300×250	250	25-105	20-90	55-75	2720×1950×1600	11

注：技术数据如有变动，恕不另行通知。 Note: Any change of technical data shall not be advised additionally.



反击式破碎机

Impact Crusher

产品描述

本系列产品能处理粒度不大于500毫米、抗压强度不超过320兆帕的各种物料，具有破碎比大、破碎率高、产品形状呈立方体、可选择性破碎等特点，是高速公路和水电建设以及机场建筑等行业理想的骨料加工设备。

工作原理

反击式破碎机是一种利用冲击能来破碎物料的破碎机械。本机工作时，在电动机的带动下，转子高速旋转，物料进入板锤作业区时，与转子上的板锤撞击破碎，而后被抛向反击装置上再次破碎，然后又从反击衬板上弹回到板锤作业区重新破碎，此过程重复进行破碎，直到物料被破碎至所需粒度由出料口排出。调整反击架与转子之间的间隙可达到改变物料出料粒度和物料形状的目的。

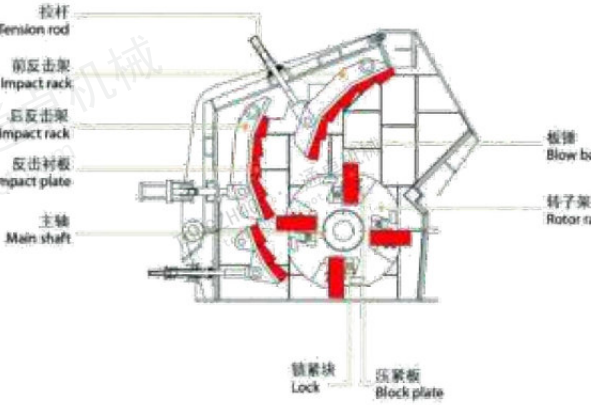


Product Description

These series of impact crushers are designed for crushing ores and rocks with particle sizes less than 500mm and compression strength no more than 320MPa. It has features of big crushing ratio, high-efficiency crushing, cubic shape, selectable crushing, etc. It is widely used in highway, hydropower construction, airport and building industries.

Working Principle

The impact crusher crushes materials with impact force. When the materials enter the blow bar area, they are crushed due to the high-speed impact of the blow bar and are thrown to the impact plates on the rotor for secondary crush. Then the materials will be shot back to the blow bar again for the third crush. This process repeats until the materials are crushed to the required size and discharged from the lower part of the machine. The size and shape of the finished product can be changed by adjusting the gap between the impact rack and rotor support. The machine employs self-weight security device in its back frame. When other objects enter the impact cavity, they will be forced out of the machine by the impact rack in the front and back of the machine.



反击式破碎机

Impact Crusher

产品优势 and 特点

高效节能、结构独特；无键连接；高铬板锤，独特的反击衬板；产品形状呈立方体，无张力裂缝，粒形较好；排料粒度大小可调，简化破碎流程；维修简单；操作可靠。

Advantages and Features

Efficient and energy saving special structure, connected without key; high chrome hammer, unique impact liner; cubic shape of product; adjustable output size; easy maintenance; reliable operation.



主要技术参数 (Main technical parameters)

型号 Model	规格 Specification (mm)	进料口尺寸 Feeding Opening Size (mm)	最大进料边长 Max. Feeding Length (mm)	处理能力 Capacity (t/h)	功率 Power (kw)	重量 Weight (t)	外型尺寸 Overall Dimension (mm)
PF-1007	1000×700	400×730	300	35-60	55	7	2400×1560×2680
PF-1010	1000×1050	400×1080	350	60-90	75	11	2532×1985×2196
PF-1210	1250×1050	400×1080	350	80-130	110	14	2638×2037×2713
PF-1214	1250×1400	400×1420	350	90-180	132	19	2580×2400×2810
PF-1315	1320×1500	860×1520	350	160-250	200	24	2840×2748×2556
PF-1320	1320×2000	860×2030	500	280-350	300	30	2900×3200×3250

注：技术数据如有变动，恕不另行通知。 Note: Any change of technical data shall not be advised additionally.



圆锥式破碎机

Cone Crusher



产品描述

圆锥破碎机广泛应用在冶金工业、建材工业、筑路工业。化学工业与硅酸工业中，适用于破碎中等和中等以上硬度的各种矿石和岩石，本机具有破碎力大、效率高、处理量高、运作成本低、调整方便、使用经济等特点。由于零件选材与结构设计合理，故使用寿命长，而破碎产品的粒度均匀，减少了循环负荷。在中、大规格破碎机中，采用了液压清腔系统，减少了停机时间，且每种规格的破碎机腔型多，用户可根据不同的需要，选择不同的腔型，进行粗碎、中碎、细碎等作业。

工作原理

工作时，电动机的旋转通过皮带轮或联轴器。圆锥破碎机传动轴和圆锥破碎机圆锥部在偏心套的迫动下绕一周固定点作旋摆运动。从而使破碎圆锥的破碎壁时而靠近又时而离开固装在调整套上的轧臼壁表面，使矿石在破碎腔内不断受到冲击，挤压和弯曲作用而实现矿石的破碎。
更高的生产能力、更高的质量：减少停机时间：便于维修

产品优势和特点

更高的生产能力；更高的质量；减少停机时间；便于维修；维修费用低；可在中碎、细碎、超细碎作业中提供无与伦比的破碎性。

Product Description

Cone crusher is widely used in metallurgical industry,building materials industry. construction industry. chemical industry and silicate industry. applicable to crush various kinds of ores and rocks of medium or above medium hardness, and cone crusher is of big crushing ratio, high efficiency, large capacity, low cost, easy adjustment and use economically, etc. The reasonable part selection and structural design extend crusher's usage life, and the final products of uniform particle size reduce the cycle load; the medium to large-sized crusher adopts the hydraulic clear-cavity system, reduces downtime, and various types of crusher cavity to better adapt to users' needs.

Working Principle

During operation, the motor drives the eccentric shaft shells to turn around through a horizontal axle and a pair of bevel gear. The axle of crushing cone swings with the force of eccentric shaft shell so that the surface of the crushing wall is close to the roller mortar wall from time to time. In this way, the ores and rocks will be pressed and crooked and crushed.
High productivity; high quality; less machine stop time; easy

Advantages and Features

High productivity; high quality; less machine stop time; easy maintenance and low cost; unique crushing ability in primary, secondary and tertiary crushing.



圆锥式破碎机

Cone Crusher

CS圆锥式破碎机（CS Cone Crusher），参数如下表。

规格	CS 90 3 Ft / 900 mm		CS 155 4 1/4 Ft / 1275 mm				CS 240 5 1/2 Ft / 1650 mm				CS 350 7 Ft / 2134 mm			
腔型			粗、特粗型		中		特粗型	经型	中国	粗型	特粗型		中量	拍型
推荐的最小排矿口 (mm)	21	(13)	125	12 161		94 19)	(25]	5A6 (16)	(22]		112*	B4 (19	(22)	11/2 11/4" (25) (38)
给料口尺寸 (mm)	35/69	63/8 16510	61V2- 631	43/6 1600	7729 (18E)	05/6 1216)	9112 12381	ZL 11881	81/2" H2131	95/6 .12431	3314" 13311	1018 12621	121/87 1303	123/5 (425) 334)
排矿口 / 产量	41/16" 1102		71/8" 11761	53/89 1371	914" 1(210)	958 [241]	1038" 16521	16021	958	1034 [2691	1412 368)	1108 [276]	183/8 图34	181 1434 13691
3/8" (9mm) t/h	50													
1/2" (13mm) t/h				120										
5/8" (16mm) t/h	80				45			200						
3/4" (19mm) t/h		100		160		180		226				420		
7/8" (22mm) t/h	400			04k	190	1216		260	286			091		
1" (25mm) t/h		130	130	180	220	240	260.	285	026			550	670	
1-1/4" (31mm) t/h		150	150	200		1276	300	325		390		680	800	870
1-1/2" (38mm) t/h			180		260	225	985	380	420	460	476	800	060	026
2" (51mm) t/h						395		460	500	525		1100	200	1300
2-1/2" (64mm) t/h										700	760			1400 0090
总重量 (kg)		15000:			200992								67270:	
电机功率 (kW)		6P-75			6P-160				6P-250				BP-350	
外形尺寸 (mm)		2865*2000*2190			3300*2500*2940				4105*3280*3505					

弹簧圆锥式破碎机（Spring Cone Crusher），参数如下表。

型号 Model	动锥直径 Moving Cone Diameter (mm)	进料口尺寸 Feeding Opening Size (mm)	出料口尺寸 Discharging Opening Size (mm)	最大进料边长 Max. Feeding Size (mm)	处理能力 Capacity (t/h)	偏心套转速 Eccentric Rotating Speed	功率 Power (kW)	重量 Weight (t)	外形尺寸 Overall Dimension (mm)
PYB-600	600	75	12-25	65	12-25	356	30	5	2800×1300×1700
PYD-600	600	40	2-13	35	5-23	356	30	5.5	2800×1300×1700
PYB-900	900	135	15-50	115	50-90	333	55	11.2	3050×1640×2350
PYZ-900	900	70	5-20	60	20-65	333	55	11.2	3050×1640×2350
PYD-900	900	50	3-13	50	15-50	333	55	11.3	3050×1640×2350
PYB-1200	1200	170	20-50	145	110-168	300	110	24.7	4152×2300×2980
PYZ-1200	1200	115	3-13	100	42-135	300	110	25	4152×2300×2980
PYD-1200	1200	60	3-13	50	18-105	300	110	25.6	4152×2300×2980
PYB-1750	1750	250	25-50	215	280-480	245	160	55.5	6020×2948×4192
PYZ-1750	1750	215	10-30	185	115-320	245	160	61	6020×2948×4192
PYD-1750	1750	100	5-15	85	75-230	245	160	60.5	6020×2948×4192
PYB-2200	2200	350	30-60	300	590-1000	220	260-280	84	7705×3432×4842
PYZ-2200	2200	275	10-30	230	200-580	220	260-280	85	7705×3432×4842
PYD-2200	2200	130	6-15	100	120-370	220	260-280	85	7705×3432×4842

注：技术数据如有变动，恕不另行通知。 Note: Any change of technical data shall not be advised additionally.

液压圆锥式破碎机

Hydraulic Cone Crusher

产品描述

HP系列液压圆锥破碎机适用于矿山、建材、冶金等行业，可对铁矿石、铜矿石、花岗岩、玄武岩、鹅卵石、大理石、石灰石等中等和中等以上硬度的物料进行中、细碎作业。尤其在产品粒形要求严格、成品率要求较高、自动化程度高的破碎生产线中被首选使用。

Product Description

The Dingbo Hydraulic Cone Crusher is widely used for secondary and fine crushing in mining, building materials and metallurgy. It can crush materials with middle and high hardness such as ironstone, copper ore, granite, basalt, cobblestone, marble and limestone. It is popular in highly automated crushing lines with strict requirements for product shape and ratio.



性能介绍

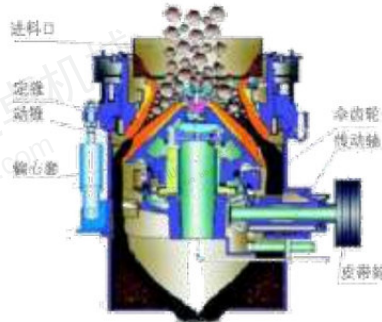
- 1.该机配置了保险油缸、锁紧油缸和液压推动油缸三种液压保险机构,不仅起保险作用,而且实现了不拆卸机器零件的情况下处理故障。
- 2.能自动调节排料大小,操作方便,可靠性强。
- 3.通过采用粒间层压原理设计的特殊破碎腔及与之相匹配的转速,显著提高了破碎比和产量,增加了成品料立方体的含量。
- 4.该机在发生过铁及瞬间闷车的情况下,能液压起顶,自动排料,消除了原弹簧圆锥破碎机需停机进行人工排料的烦恼,使维修更简便,费用更节约。
- 5.采用液压调整,稀油润滑,并采用有效的迷宫密封方式从根本上消除了原弹簧圆锥破碎机水油易混合的缺陷。
- 6.破碎壁、轧臼壁采用高锰钢制作,再加上破碎腔型的改变和层压破碎时料层的保护,使磨损降低,易损件使用寿命相比老式结构圆锥破碎机可提高30%-80%。

液压圆锥式破碎机

Hydraulic Cone Crusher

Basic process description

1. Three hydraulic protection devices—the safety cylinder, locking cylinder and hydraulic pushing cylinder—protect the machine and allow faults to be handled without dismantling components.
2. The discharge size can be adjusted automatically, with convenient operation and reliable performance.
3. A specially designed inter-particle laminating crushing chamber and matched rotational speed improve the crushing ratio, capacity and cubic-product percentage.
4. If tramp iron enters or the chamber is suddenly blocked, the hydraulic system lifts the top and discharges material automatically, eliminating manual clearing after shutdown and reducing maintenance cost.
5. Hydraulic adjustment, thin-oil lubrication and effective labyrinth sealing eliminate the water-and-oil mixing problem of traditional spring cone crushers.
6. The high-manganese-steel mantle and bowl liner, together with the optimized feeding and discharging design, reduce wear and extend service life by 30%–80% compared with traditional.



主要技术参数 (Main technical parameters)

型号 Model	腔形 Cavity Size	最小排料口尺寸 Minimum Discharging Size (mm)	最大进料尺寸 Max. Feeding Size (mm)	处理量 Capacity (t/h)	重量 Weight (t)	功率 Power (kW)
HP-160	C	13	150	120-240	13	160
	F	6	76	65-130		
HP-220	C	13	225	150-430	18	220
	F	6	86	90-200		
HP-315	C	13	290	190-610	26	315
	F	6	100	108-320		
HP-400	C	16	320	230-700	33	400
	F	8	110	145-430		

注：技术数据如有变动，恕不另行通知。 Note: Any change of technical data shall not be advised additionally.



GP 系列圆锥破碎机

GP Series Cone Crusher

工作原理

电机带动破碎机的小齿轮，小齿轮带动大齿轮，大齿轮组件大齿轮、大齿轮架、偏心钢套带动偏心套组件偏心缸套、偏心铜套）和主轴组件（主轴、内锥、内锥衬版以理论垂直线为中心：在铜衬套内公转，主轴组件在偏心铜套内以主轴的中心线可以实现自转。空机运行的时候：偏心套组件“抱着”主轴组件和随大齿轮一同公转。当物料加入到破碎腔后，主轴总成主轴，内锥在物料的阻力下在偏心钢套内缓慢的自转。内锥的运行轨迹看起来是在破碎腔内来回摆动，同时缓慢的旋转。物料被摆动的内锥挤压破碎。支撑套与架体连接处靠液压缸压紧，当破碎机内落入金属块等不可破碎物体时，单缸的动锥由底部液压活塞托起，起到排放口调整和过铁保护、反复起落排除堵矿的作用。

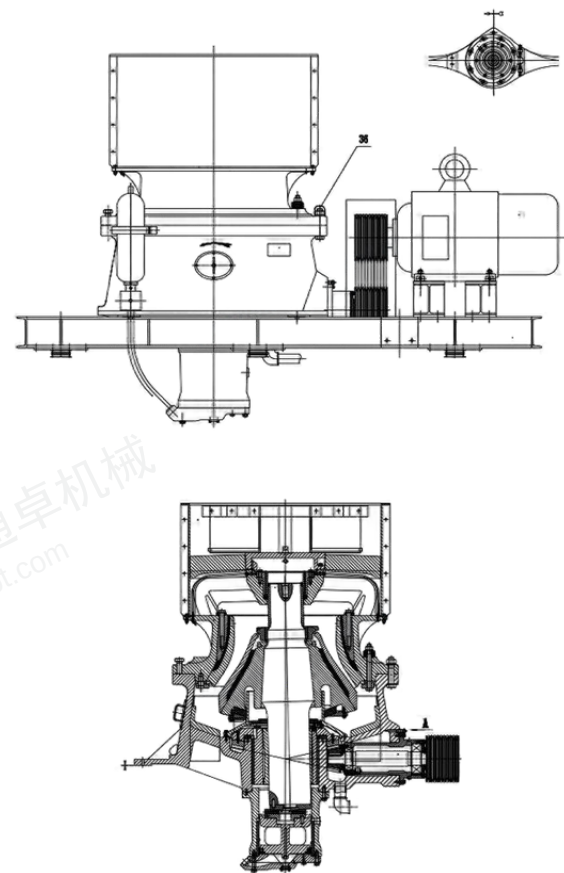
出料口大小的调整：底部液压缸的第一个功能在于调节主轴的上下位置，从而调节动锥和外锥衬板之间的间距。这个间距变小了：破碎机的出料粒度就小这个间距变大了，破碎机的出料拉度就大。同时，选用不同的破碎腔型，选用不同的偏心套也能够改变物料的出料大小



Basic process description

Motor driving the pinion of crusher and pinion drive gear; the big gear components drive the eccentric set and spindle components around the theoretical vertical center line. The spindle assembly rotates slowly in the eccentric copper sleeve while the inner cone swings in the crushing cavity, crushing material between the moving and outer cones.

The support and frame are connected by hydraulic cylinder pressure. When uncrushable metal enters, the single-cylinder piston moves from the bottom to provide iron protection and clear blockage. The bottom hydraulic cylinder also adjusts the upper and lower spindle position, changing the liner spacing and finished material size. Different cavities and eccentric sleeves can be selected for different output sizes.



GP 系列圆锥破碎机

GP Series Cone Crusher

主要技术参数 (Main technical parameters)

型号 Model	冲程 Stroke	最大给料尺寸 Max Feeding Size (mm)	重量 Weight (kg)	功率 Power (kW)	闭边排料口 (mm) 的产量 (TPH) Closed Edge Material Discharging Port Output							
					8	10	15	20	25	30	35	40
GPD100	16	40-150	5800	75-90	40-50	45-58	60-70	80-90	85-95			
	20	40-150	5800	75-90	50-58	50-60	70-80	95-105				
	26	40-150	5800	75-90		58-65	75-90	106-120				
GPD200	18	40-210	9300	110-160	60-70	70-80	80-105	100-125	135-150	160-175	185-200	
	26	40-210	9300	110-160		90-110	110-130	130-150	160-180	185-210		
	32	40-210	9300	110-160			140-160	170-190	190-220	200-220		
	40	40-210	9300	110-160				200-230	200-240			
GPD300	25	40-260	13400	200-250	100-120	110-130	135-158	160-180	190-210	210-233	240-260	
	32	40-260	13400	200-250	110-130	120-150	165-185	195-225	230-260	255-296		
	40	40-260	13400	200-250		150-170	205-230	245-270	290-320	325-358		
GPD400	26	50-300	23500	220-315		130-150	165-175	180-200	210-240	230-268	260-280	
	32	50-300	23500	220-315		140-170	185-215	215-245	260-290	285-315	300-350	410-430
	40	50-300	23500	220-315			225-250	265-295	310-340	345-375		
GPD600	25	50-300	26500	250-355		140-160	160-180	190-210	240-260	270-290	310-330	350-370
	32	50-300	26500	250-355			220-290	290-310	320-340	340-370	390-410	430-450
	40	50-300	26500	250-355			290-310	320-340	380-410	430-460	480-510	

型号 Model	冲程 Stroke	最大给料尺寸 Max Feeding Size (mm)	重量 Weight (kg)	功率 Power (kW)	闭边排料口 (mm) 的产量 (TPH) Closed Edge Material Discharging Port Output						
					20	25	30	35	40	45	50
GPD100S	16	200-250	7350	75-90	80-90	105-115	120-150	135-145	145-165	158-175	
	20	200-250	7350	75-90		120-130	145-158	160-180	170-200	185-215	
	25	200-250	7350	75-90			185-195	200-230	210-230		
GPD200S	18	250-330	10900	110-160		110-140	140-170	160-190	180-210	200-230	230-260
	25	250-330	10900	110-160			170-220	190-240	210-280	230-280	
	32	250-330	10900	110-160				230-280	270-320	280-350	
GPD300S	18	280-380	16200	132-250		170-190	170-210	190-230	210-258	235-275	258-296
	25	280-380	16200	132-250			220-270	268-315	290-345	320-350	330-350
	32	280-380	16200	132-250				360-400	380-420	400-440	
	40	280-380	18000	132-250					450-500	480-530	

型号 Model	冲程 Stroke	最大给料尺寸 Max Feeding Size (mm)	重量 Weight (kg)	功率 Power (kW)	闭边排料口 (mm) 的产量 (TPH) Closed Edge Material Discharging Port Output						
					45	50	58	60	65	70	75
GPD500S	18	380-500	33300	200-355	300-350	325-375	375-425	400-450	425-475	450-500	500-580
	25	380-500	33300	200-355		500-580	580-600	600-650	660-700	700-750	750-800
	32	380-500	33300	200-355		650-700	700-750	750-800	800-875	850-900	
	40	380-500	33300	200-355				900-950	975-1050		

注：技术数据如有变动，恕不另行通知。 Note: Any change of technical data shall not be advised additionally.

VSI 离心冲击式破碎机（制砂机）

VSI Series Vertical Shaft Impact Crusher



产品描述

VSI离心冲击式破碎机适用于软或中硬和极硬物料的破碎。整形，广泛应用于各种矿石、水泥、耐火材料、铝矾土熟料、金刚砂、玻璃原料、机制建筑砂、建筑骨料、人工造砂以及各种冶金渣的细碎和粗磨作业，特别对碳化硅、金刚砂、烧结铝矾土、镁砂等高硬、特硬及耐磨性物料比其它类型的破碎机产量功效更高。在工程领域，是机制砂、垫层料、沥青混凝土和水泥混凝土骨料的理想生产设备。在矿业领域，制砂机广泛地应用于磨砂前段工艺，能产生大量的粉矿：减少高成本的磨砂负荷。

工作原理

物料由机器上部垂直落入高速旋转的叶轮内，在高速离心力的作用下，与另一部分以伞状形式分流在叶轮四周的物料产生高速撞击与粉碎，物料在互相撞击后，又会在叶轮和机壳之间以物料形成涡流多次的互相撞击，摩擦而粉碎，从下部直通排出，形成闭路多次循环，由筛分设备控制达到所要求的成品粒度

Product Description

The sand making machine integrates three crushing modes, and can continuously work for 720 hours. Higher crushing chamber, greater crushing impact. During the parts and material procurement, production and processing, the quality is strictly controlled. Wearing parts is optimally allocated for longer service life. Hydraulic autonomous system: convenient maintenance, high performance, low failure rate. The whole frame adopts elastic reinforcement technology, eliminating the problems like easy fracture of motor frame.

Working Principle

Stone is crushed by hitting other stones. Material falls down to impeller cavity. Under great centrifugal force, it hits material that coming downwards. After hitting each other, they form a vortex between impeller and shell, and hit each other several times; finally smaller stone comes out, and goes to vibrating screen. Satisfactory material is transported to sand washing machine; however overlarge material will go back to sand maker to be recrushed. Output sizes can be made according to customers requirement: If input size is larger than the designed size, other

VSI 离心冲击式破碎机（制砂机）

VSI Series Vertical Shaft Impact Crusher

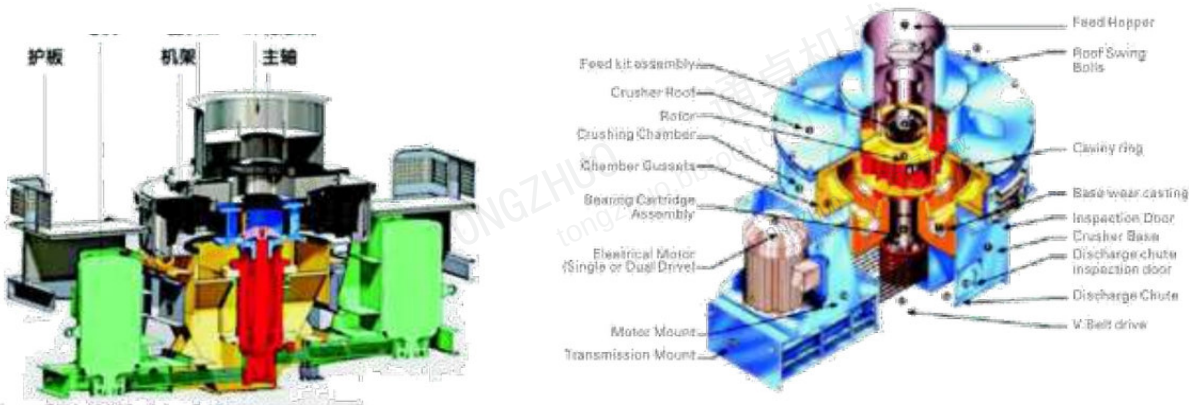
产品优势 and 特点

深腔型转子经过优化设计后，使物料通过量提高30%左右
周护板局部磨损后可上下调头使用，提高材料利用率
两用散料盘，操作简单，实现两种进料方式转换
主轴下端特殊的密封结构，保证无油封也不漏油

Advantages and Features

Rotor design of deep-cavity is optimized and then the amount of materials is increased by 30%
Round guard plate can have a U-turn usage after partially wearing, thus to improve material utilization.
Special sealing structure in the bottom of the spindle to ensure no oil sealing and leaking.

结构示意图 Structural Drawing



主要技术参数（Main technical parameters）

型号 Model	VSI-761	VSI-8518	VSI-9526	VSI-1140	VSI-1145
处理能力(t/h) 瀑落与中心进料	120-180	200-260	300-380	450-520	500-640
处理能力(t/h) 全中心进料	60-90	100-130	150-190	225-260	250-360
最大进料尺寸(mm) 软料	<35	<40	<45	<50	<50
最大进料尺寸(mm) 硬料	<30	<35	<40	<45	<45
转速(r/min)	1700-1890	1520-1690	1360-1510	1180-1310	1100-1310
双电动机功率(kW)	110-150	180-220	264-320	400-440	400-440
最大外形尺寸(mm)	3700×2150×2100	4140×2280×2425	4560×2447×2778	5000×2700×3300	5100×2790×3320
电源	380V / 50Hz				
振动传感器监测范围	0.1-20mm/s，连续可调				
液压润滑站·双油泵电动机功率(kW)	2×0.31				
液压润滑站·安全保护	双油泵互补保证供油；无油流、无油压自动停机；水冷降温；冬季电机加热启动				
液压润滑站·外形尺寸(mm)	820×520×1270				
液压润滑站·油箱加热器功率(kW)	2				

欧版可逆式细碎机

European version of the reversible crusher

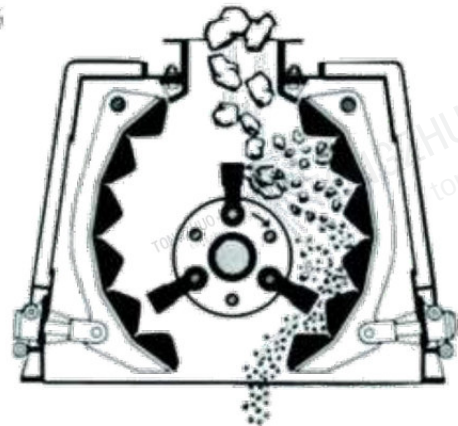


产品描述

新型高效节能、国内目前先进的可逆欧版细碎机，主要用于破碎煤、煤矸石、焦炭和石油焦。

工作原理

本机采用大转子、小锤头、低转速；锤头呈螺旋线排列，打击力度大、效率高。转子两侧增设凹凸不平的锯齿形调节反击板，物料在高速螺旋回转锤头打击和反击的共同作用下瞬间粉碎。取消老式粉碎机下面的篦子，对物料水分适应性强，排料畅通，粉碎细度可任意调节；同时有效克服老式粉碎机因转速高而形成的空压大问题，降低粉尘飞扬。



Product Description

Based on years of experience and technological development, the Dingbo SHKX Series European Reversible Fine Crusher is an advanced fine-crushing machine widely used for iron ore, limestone, coal, coal gangue, slag, shale, coke, and other materials.

Working Principle

The reversible crusher uses a large rotor, small hammers, and a low rotational speed. The hammers are arranged in a spiral for high impact force and crushing efficiency. Zigzag impact plates on both sides of the rotor allow product fineness to be adjusted. Material is crushed immediately by repeated impact from the reversible hammers. The grate-free discharge improves moisture adaptability and prevents blockage. The design also reduces the high air pressure caused by excessive rotor speed, thereby suppressing dust.

欧版可逆式细碎机

European version of the reversible crusher

产品优势和特点

区别于传统反击式、锤式破碎机的结构，SHKX系列采用组合式双合金锤头，金属利用率高，可节约生产成本。转子中的锤头呈螺旋线排列，有效提高打击效率并防止物料堵塞。SHKX系列欧版细碎机通过调整锤头与反击腔内衬板的间隙以及锤头排列来控制出料粒度，出料口无需安装筛篦，避免排料口堵塞；物料在破碎腔内滞留时间短，可减少部件磨损并延长寿命。破碎机转子轴承座可配置热电阻测温元件和振动控制仪，现场显示温度并对主机振动过载进行保护，还可远传至总控制室显示和报警（二次仪表不配），便于监控设备运行。

Advantages and Features

1. High metal utilization reduces investment and production costs.
2. The spiral hammer arrangement improves crushing efficiency and prevents material blockage.
3. Product fineness is adjusted by changing the gap between the hammers and liners and by changing the hammer arrangement. The grate-free discharge reduces blockage and wear and extends component service life.
4. Resistance temperature sensors and vibration controllers can be installed in the rotor bearing housings to display operating temperature and protect the main unit against excessive vibration.

主要技术参数（Main technical parameters）

规格型号 Model	SHKX-950	SHKX-1200	SHKX-1600	SHKX-2000
转子直径 Rotor Diameter (mm)	960	1200	1600	2000
转子长度 Rotor Length (mm)	1200	1600	1200	2600
最大输入尺寸 Max Input Size (mm)	<80	<80	<80	<80
输出尺寸 Output Size (mm)	<5	<5	<5	<5
最大原料水分 Max Material Moisture	<15	<15	<15	<15
生产能力 Capacity (t/h)	50-100	100-200	200-380	380-550
锤子线速度 Hammer Line Speed (m/s)	56	62	62	70
功率 Motor (kW)	90-110	260-315	560-630	800
转速 Rotate Speed (r/min)	990	980	740	740
电压 Voltage (V)	380	380	6000 (10000)	6000 (10000)
液压系统管接头 Hydraulic Coupler	YOX600	YOX1000	YOX1150	YOX1250

注：技术数据如有变动，恕不另行通知。 Note: Any change of technical data shall not be advised additionally.



液压辊压机

Hydraulic Roller Crusher



产品描述

液压辊压机适用于冶金、建材、耐火材料等工业部门破碎中、高等硬度的物料。该系列液压辊压机主要由辊轮组成、辊轮支撑轴承、压紧和调节装置以及驱动装置等部分组成。出料粒度的调节：两辊轮之间装有形或垫片调节装置，模形装置的顶端装有调整螺栓，当调整螺栓将模块向上拉起时，积块将活动辊轮项离固定轮。

工作原理

液压辊压机是利用辊面的摩擦力将物料咬入破碎区，使之承受挤压或劈裂而破碎的机械。当用于粗碎或需要增大破碎比时，常在辊面上做出牙齿或沟槽以增大劈裂作用

Product Description

The Hydraulic Roller Crusher product is applied to crushing various medium hardness materials such as limestone, slag, coal etc. in metallurgy, cement, chemistry and other industries for primary and secondary crushing.

Working Principle

The motor drives the fixed roller and movable roller to work via reducer, V-belts or coupling. Materials are put into the space between the two rollers via the feed entrance. As the two rollers inward turning, the input materials are crushed, pressed, ground, and at last come out from the base of the machine.



液压辊压机

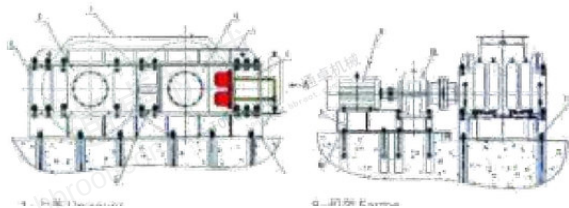
Hydraulic Roller Crusher

产品优势 and 特点

用于破碎特种固体物料可根据物料的硬度设计制作，即按照用户提供的物料，先测该物料的承受压力，再设计辊压机各项参数：活动辊和固定辊与动力全部采用硬连接即联轴器连接，活动辊并采用了万向节技术，完全避免了老式皮带机物料块大皮带打滑的最大缺陷：辊面完全采用大型液压辊压机的锥焊技术，补焊一次可生产8万吨以上，需用成本1000元左右。整机年维修费不超过2000元：给料机采用无动力选粉结构，即物料进辊压机之前，先经过无动力选粉装置，将低于3-8mm的物料选出来不进辊压机，只将粗料经过振动给料机均匀左右平展的进入辊压机，可大大提高破碎效率：电耗是锤式破碎机的二分之一：遇有过硬或不可破碎物时，辊子可凭弹簧的作用自动退让，使辊子间隙增大，过硬或不可破碎物落下：从而保护机器不受损坏：调节辊子间隙：可控制出料粒度，从而改变台时产量。

Advantages and Features

- 1.Compact-structure,low noiseand efficient
- 2.Adjusting the pressure and size easily
- 3.Low cost maintenance and.easy to maintain
- 4.Easy to install and only need simple foundation
- 5.Self-protection,the parts can not bedamaged when hard materials such as the metals goesinto the erushing cavity



主要技术参数 (Main technical parameters)

规格型号 Model	辊子直径 Roller dia. (mm)	辊子宽度 Roller width (mm)	入料粒度 Feeding Size (mm)	出料粒度 Discharging Size (mm)	产量 Capacity (t/h)	入料口尺寸 Feed opening size (mm)	电机功率 Motor power (kW)	外形尺寸 Overall dimension (mm)	重量 Weight (kg)
GP86-37Y	800	600	<30	0.5-10	15-45	600×500	18.5×2	3490×2884×1035	8600
GP118-90Y	1100	800	<60	0.5-10	45-100	800×700	45×2	4398×3354×1200	17600
GP1410-180Y	1400	1000	<60	0.5-10	100-200	1000×900	90×2	5800×3850×2100	36000
2PG400	400	252	<30	3-8	3-5	100×200	5.5×2	1850×1100×800	1300
2PG600	600	400	<40	3-8	5-20	370×400	11×2	2555×2490×1050	4300
2PG800	800	600	<60	3-10	15-40	600×500	22×2	3490×2894×1035	8500
2PG1000	1000	700	<80	3-12	20-50	700×600	30×2	4398×3354×1190	12000
2PG1200	1200	750	<90	3-14	30-80	800×800	45×2	4547×3653×1478	17000
2PG1500	1500	800	<100	3-15	40-100	800×800	75×2	4832×4037×1765	27000
2PG1800	1800	800	<130	3-18	60-130	800×800	90×2	5645×3850×2092	30000

注：技术数据如有变动，恕不另行通知。 Note: Any change of technical data shall not be advised additionally.



对辊式破碎机

Roller Crusher



产品优势和特点

- 对辊式破碎机工作可靠、维修简单、运行成本低廉、排料粒度大小可调。
- 对辊式破碎机壳体与矿石接触的内表面均装有耐磨衬板。
- 适于粗碎、中碎或细碎煤炭、石灰石、水泥熟料和长石等中硬以下的物料。

Advantages and Features

- The roller crusher bears stable operation, easy maintenance, low cost, output size adjustable.
- The roller crusher's shell body and inner surface in contact with the ore are equipped with wear-resistant liner.
- The Roller Crusher can process fragile materials in cement, metallurgy, chemical, power generation and coal industries.

主要技术参数 (Main technical parameters)

规格型号 Model	进料粒度 Feeding Size (mm)	出料粒度 Discharging Size (mm)	产量 Capacity (t/h)	功率 Power (kW)	重量 Weight (kg)
2PG-400×250	<25	1-8	5-10	2×5.5	1500
2PG-400×500	<30	1-15	10-20	2×11	2600
2PG-610×400	<40	1-20	13-25	2×15	4500
2PG-750×500	<40	2-20	15-40	2×18.5	9500
2PG-800×500	<40	3-40	20-50	2×22	14000

注：技术数据如有变动，恕不另行通知。 Note: Any change of technical data shall not be advised additionally.



新型细碎机

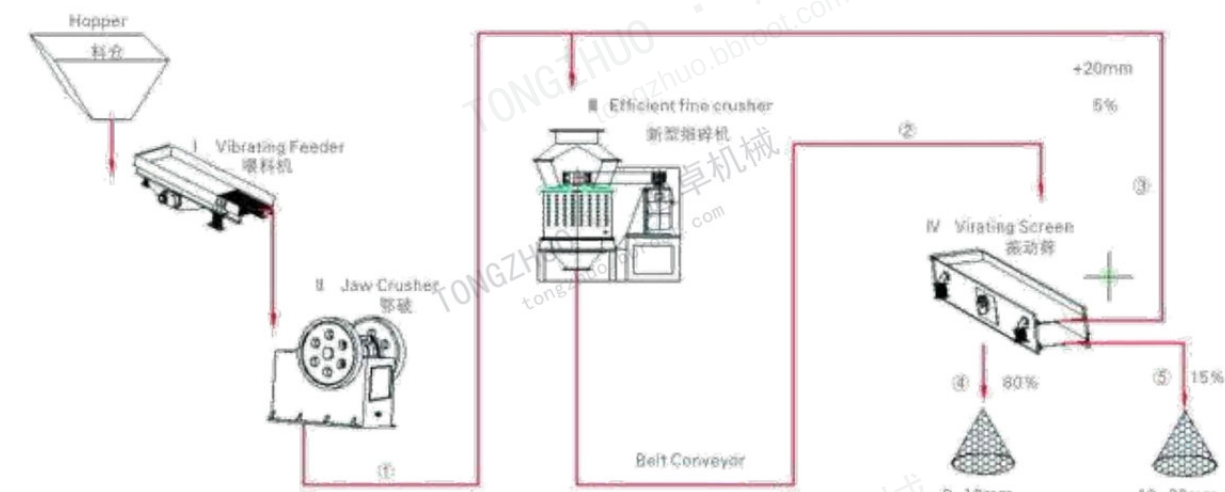
New Fine Crusher

产品描述

新型细碎机是在综合国内外同类产品设备及破、冲击破传统产品基础上，对主要技术参数进行优化设计研制而成的新型细碎、粗磨产品。该机主要用于制砂、细碎，是中型水泥厂破碎水泥生料、熟料的一种理想细碎设备。

Product Description

New fine crusher is a new type of fine crushing and rough milling machine designed and manufactured on the basis of the main technical parameters of the domestic compound crusher and impact crusher. It is widely applied in sand making and fine crushing, and is suitable for a medium-sized cement plant.



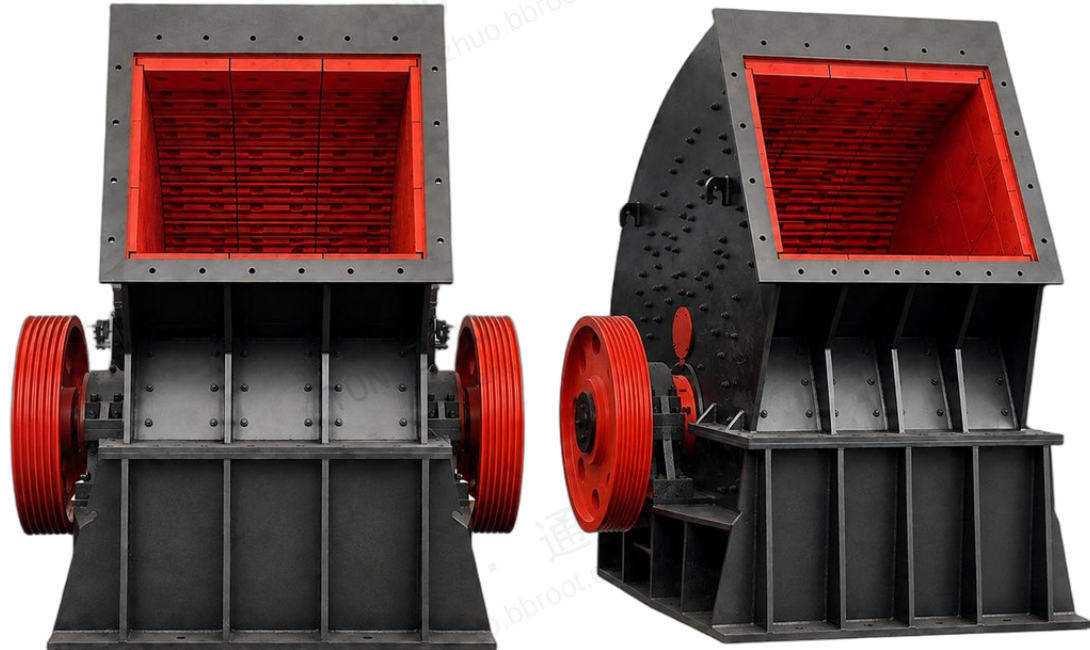
主要技术参数 (Main technical parameters)

规格型号 Model	转子直径 Rotor Diameter (mm)	产量 Capacity (t/h)	进料粒度 Feeding Size (mm)	出料粒度 Discharge Granularity (mm)	主轴转速 Spindle Rotating Speed (r/min)	功率 Power (kW)	外形尺寸 Overall Dimension (mm)
D1176	1000	20-40	<120	<3-5 60%-90%	769	45-75	3100×1750×1640
D1390	1250	40-70	<150	<3-5 60%-90%	530	75-90	3600×1700×1600
D1613	1500	70-100	<180	<3-5 60%-90%	495	110-132	3880×2150×2115
D1818	1750	90-130	<200	<3-5 60%-90%	425	132-160	4610×2157×2350
D2020	2000	100-160	<220	<3-5 60%-90%	370	160-200	4988×2157×2200

注：技术数据如有变动，恕不另行通知。 Note: Any change of technical data shall not be advised additionally.

锤式破碎机

Hammer Crusher



产品描述

锤式破碎机(锤破)经高速转动的锤体与物料碰撞而破碎物料,它具有结构简单,破碎比大,生产效率高特点,可作干、湿两种形式破碎。锤式破碎机用于破碎各种中硬且磨蚀性弱的物料。其物料的抗压强度不超过100MPa,含水率小于15%。被破碎物料为煤、盐、白垩、石膏、砖瓦、石灰石等。此外,锤式破碎机不仅可用于破碎生产线,制砂生产线,也可在选矿生产线中替代圆锥式破碎机。适用于矿山、水泥、煤炭、冶金、建材、公路、燃化等行业对中等硬度及脆性物料进行细碎。该锤式破碎机设备可根据用户要求调整篦条间隙,改变出料粒度,以满足不同用户的不同需求。

Product Description

Hammer crusher crushes materials by the high-speed rotation of the hammer and the collision of the material surface. It features simple structure, high crushing ratio and high capacity, and can be used for dry and wet crushing. It is widely applied in mining, cement, coal, metallurgy, building materials, roads and fuel industries.

锤式破碎机

Hammer Crusher

产品优势

破碎比大,生产效率高,适用性强,可根据客户要求,调节需要的粒度,整体设计造型美观、结构紧凑,易损件少,维修方便等优点,是升级换代产品。无筛网篦底,对物料含水率没有任何要求,完全不存在糊堵筛板的问题,更不存在物料不能及时排出,重复粉碎的问题;锤破机体结构密封,解决了破碎车间的粉尘污染和机体漏灰问题。轴承盒全部用铸钢件制造,并用四个螺丝固定,科学实用;工作锤头采用新工艺铸造,具有耐磨、耐冲击。

Product Description

Large crushing ratio, high production efficiency and strong applicability. The required size can be adjusted to customer needs. The compact structure has fewer wearing parts and is convenient to maintain. Without a bottom screen grate, wet material does not cause paste plugging. The cast-steel bearing box and wear-resistant hammer head improve reliability and service life.

产品原理

锤式破碎机主要由机壳、转子、承击铁和篦条等部件组成,机壳分上下两部分,钢板切割后焊接而成,其余各部分用螺栓连接成一体。机壳内部镶有高锰钢衬板,磨损后可以更换。锤式破碎机主轴上安装有数组规则分布的锤子,与转盘及穿锤轴组成转子。通过电机、三角皮带带动主轴,从而使转子旋转,锤子受到旋转时所产生的离心力向四周伸开,大块物料从进料口进入破碎腔之后,便被高速运动的锤子击碎。破碎合格的物料则由下部有缝隙的篦条排出,不合格的则留在破碎腔内,被锤子和承击铁块反复作用,直至能够排出。

Principle of the Product

The hammer crusher consists mainly of the casing, rotor, bearing parts, impact iron and grate chassis. A motor drives the main shaft and rotor through a V-belt. Material entering the chamber is broken by high-speed hammers; qualified material leaves through the grate, while oversized pieces remain for repeated crushing until they can be discharged.

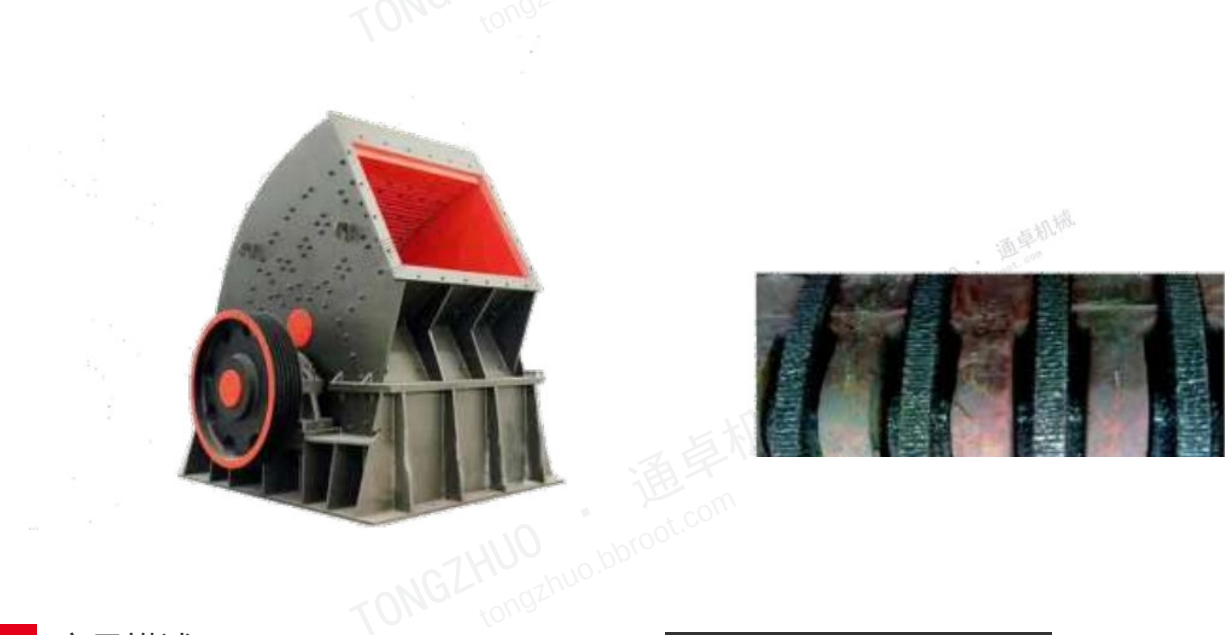
主要技术参数 (Main technical parameters)

规格型号 Model	给料粒度 Feeding Size (mm)	出料粒度 Discharging Size (mm)	生产能力 Capacity (t/h)	电机级数 Motor Pole	功率 Power (kW)	重量 Weight (t)	外形尺寸 Overall Dimension (mm)
PCΦ400×300	≤200	≤25	5-10	4	11	0.8	900×670×860
PCΦ600×400	≤250	≤30	10-22	4	22	1.5	1200×1050×1200
PCΦ800×600	≤250	≤25	18-40	4	55	3.8	1310×1180×1310
PCΦ1000×800	≤350	≤35	25-50	4	75	4.0	1600×1380×1575
PCΦ1000×1000	≤300	≤35	30-65	6	132	8	1600×1590×1775
PCΦ1250×1250	≤350	≤35	35-65	6	180	14	2000×1600×1890
PCΦ1400×1400	≤350	≤35	50-100	6	280	32	2365×1870×2220
PCΦ1600×1600	≤350	≤35	100-150	8	480	37.5	3050×2850×2800

注: 技术数据如有变动, 恕不另行通知。 Note: Any change of technical data shall not be advised additionally.

重锤破碎机

Heavy Hammer Grusher



产品描述

重锤破,也就是重型锤式破碎机,别名也叫锤王,经高速转动的锤体与物料碰撞破碎物料,锤式破碎机具有结构简单,破碎比大,生产效率高特点,可作干、湿两种形式破碎,适用于矿山、水泥、煤炭、冶金、建材、公路、燃化等部门对中等硬度及脆性物料进行细碎。重锤式破碎机可根据用户要求调整篦条间隙,改变出料粒度,以满足不同用户的不同需求

Product Description

Heavy hammer crusher, also called king of hammer crusher, crushes materials through high-speed hammer rotation and impact. It has a simple structure, high crushing ratio and high capacity, and can be used for dry and wet crushing. It is widely applied in mining, cement, coal, metallurgy, building materials, roads and fuel industries.

适用范围

1. 适用于抗压强度在中上等硬度以下的各种物料的一、二级破碎。
2. 特别适用于矿山、建材、化工、冶金行业用物料的破碎。重锤式破碎机适用于焦煤、烟煤、盐、白垩、明矾、小块石灰石、石膏等中等硬度脆性物料。

Scope of application

Heavy hammer crusher is used for primary and secondary crushing of medium-hard and brittle materials. It is especially suitable for mining, building materials, chemical and metallurgy applications, including coking coal, salt, chalk, alum, small limestone and gypsum.

重锤破碎机

Heavy Hammer Grusher

产品优势和特点

1. 进料粒度大、破碎比大、出料均匀。
2. 成品率高, 颗粒状产品约85%, 符合使用要求。
3. 量产高、性能稳定。
4. 中粗碎一步到位, 工艺流程简化。
5. 采用高耐磨材料锤头、篦板及反击板, 使用寿命长。
6. 装配功率小、能耗低、维修简便、易损件少。
7. 单段重锤结构减少制砂生产线设备并降低成本, 提高破碎效率。

Advantages and Features

1. Large feeding size, high crushing ratio and uniform product.
2. About 85% granular product.
3. High capacity and stable performance.
4. One-step medium and coarse crushing simplifies the process.
5. Wear-resistant hammers, grate plates and impact boards provide long life.
6. Low power consumption, easy maintenance and fewer wearing parts.
7. Single-stage crushing reduces equipment and production cost.

主要技术参数 (Main technical parameters)

型号 Model	进料口尺寸 Feeding Opening Size (L×W)	转子工作 Rotor (D×L)	电机功率 Power (kW)	处理能力 Capacity (t/h)	重量 Weight (t)	外形尺寸 Overall Dimension (L×W×H)
PCZ-1212	1150×800	1150×1200	90	100-160	8.6	2818×2100×2390
PCZ-1414	1350×900	1350×1400	160	220-270	16.8	3060×2680×2780
PCZ-1616	1550×1200	1550×1600	200×2	360-420	27.2	3656×3015×3185
PCZ-1818	1750×1400	1780×1800	315×2	450-500	38.6	3880×2690×3560
PCZ-2020	1920×1600	2000×2000	450×2	500-800	59.8	4080×2990×3560
PCZ-2026	2500×1600	2000×2600	600×2	700-900	98.6	4080×3690×3560

注: 技术数据如有变动, 恕不另行通知。 Note: Any change of technical data shall not be advised additionally.

PEW 系列欧版颞式破碎机

PEW Euro Series Jaw Crusher



产品描述

PEW颞式破碎机俗称欧版颞破，是我公司继传统颞式破碎机之后开发的一款新型破碎机。该产品是现代科技与生产实践的完美结合，更加符合广大客户的自动化生产需求。

Product Description

PEW jaw crusher is commonly known as European jaw crusher, and is a new type developed after the traditional jaw crusher. It combines modern science, technology and production practice to better satisfy automated production requirements.

液压式楔块调整，用3分钟完成2小时的工作

排料口调整更快捷方便。采用半自动楔块调整装置，利用液压装置驱动调整座与机架后壁之间的两个楔块，使其相对移动，实现排料口调整。较传统装置大幅减少人工操作，2—3分钟即可完成调节。

Wedge Adjustment: Three Minutes For A Two-hour Task

The discharge opening is adjusted rapidly by a semi-automatic hydraulic wedge device. Two wedges move between the adjustment seat and the rear rack wall, reducing manual work and completing an adjustment in about 2—3 minutes.

PEW 系列欧版颞式破碎机

PEW Euro Series Jaw Crusher

整体式铸钢工艺，不仅好看更可靠

对于颞破的核心承重部件——动颞和轴承座，均采用高质量铸钢件。该工艺确保机架完全配合、无缝对接，并增强部件的径向强度，性能更可靠、更加经久耐用。

Integral Steel Casting Technology, Beautiful And Reliable

High-quality steel castings are used for the moving jaw and bearing block. They improve fitting, connection, radial strength, reliability and durability.

分段式颞板设计，只让客户维护成本更低

大型颞破采用三段式颞板设计。下部颞板磨损严重时，可与上部颞板对调位置继续使用，从而降低运营维护成本。

Sectional Jaw Plate Design Lowers Maintenance Cost

The three-section jaw plate lets operators exchange the lower and upper plates when the lower section wears faster, extending use and saving maintenance cost.

主要技术参数 (Main technical parameters)

型号 Model	进料口尺寸 Feed Opening (mm)	最大进料粒 度 Max Feeding (mm)	排料口尺寸 Discharging Opening (mm)	处理能力 Capacity (t/h)	转速 REV (r/min)	功率 Power (kW)	电机型号 Motor Model	外形尺寸 Machine Size (mm)
PEW250×1000	250×1000	220	20-40	15-50	330	6-37	Y250M-6/37	1400×1850×1910
PEW250×1200	250×1200	220	20-40	20-50	330	6-37	Y250M-6/37	1400×2060×1310
PEW400×600	400×600	350	35-85	15-70	250	6-37	Y250M-6/37	1920×1480×1840
PEW760	760×1100	620	75-200	150-350	270	6-110	Y315L1-6/110	2600×2500×2200
PEW860	800×1100	720	100-225	200-500	240	6-132	Y315L2-4/132	3300×2200×3120

注：技术数据如有变动，恕不另行通知。 Note: Any change of technical data shall not be advised additionally.

轮胎式系列破碎站

Portable Crushing Plant

产品描述

移动破碎站突破了破碎场地固定、物料运输成本高等传统作业制约，可对物料进行现场破碎、就近作业，广泛应用于矿山、冶金、建材、交通、水利等行业。



产品优势和特点

1. 移动性好，可直接深入作业场地并适应普通公路与复杂道路。
2. 结构紧凑，车载成套设备节约占地，现场驻扎方便。
3. 可现场破碎，减少物料周转和运输成本。
4. 可独立运行，也可组合为粗碎、中碎、细碎筛分系统。
5. 性能稳定、维修方便、操作简单。
6. 可按作业现场、物料和粒型要求灵活定制。

Product Description

Mobile crushing plant breaks through the constraints of fixed crushing sites and high transport cost. It handles materials near the work site and is widely used in mining, metallurgy, building materials, transport and water conservancy.

Advantages and Features

1. Mobile chassis and small turning radius.
2. Compact vehicle-mounted equipment saves site space.
3. On-site crushing cuts material transfer cost.
4. Works independently or in combined crushing and screening systems.
5. Stable, maintainable and easy to operate.
6. Configurations can be customized for site, material and product-size needs.

轮胎式系列破碎站

Portable Crushing Plant

移动颚式破碎站 (Portable Jaw Crushing Plant)

规格 Model	给料机型号 Vibrating Feeder	颚破型号 Jaw Crusher	皮带机规格 Belt Conveyor	轮胎配置 Wheels	加长皮带机 Extended Belt	发电机 Generator	处理量 Capacity (t/h)	功率 Power (kW)	外形尺寸 Overall Dimension (mm)	重量 Weight (t)
YBE69	GZD960×3800	PE600×900	B650×7M	并装双轴	选配	选配	70-150	91.5	13200×2900×4700	42
YBE75	GZD1100×4200	PE750×1060	B800×9M	并装三轴	选配	选配	90-200	134	15000×3100×5100	56
YBE912	GZD1300×4900	PE900×1200	B1000×11M	并装四轴	选配	选配	150-300	146	17000×3300×5600	72

移动反击式破碎站 (Portable Impact Crushing Plant)

规格 Model	给料机型号 Vibrating Feeder	反击破型号 Impact Crusher	皮带机规格 Belt Conveyor	轮胎配置 Wheels	发电机 Generator	处理量 Capacity (t/h)	功率 Power (kW)	外形尺寸 Overall Dimension (mm)	重量 Weight (t)
3YBF1510	3YZS1548	PF1010	B650×7M	并装双轴	选配	50-250	70-90	12500×2800×6000	42
3YBF1810	3YZS1848	PF1210	B650×7M	并装双轴	选配	70-300	126.5-150.5	12500×3000×6500	46
3YBF1814	3YZS1860	PF1214	B650×8M	并装三轴	选配	90-400	154-190	13500×3000×6500	51
3YBF2115	3YZS2160	PF1315	B800×8M	并装三轴	选配	120-450	210-292	14000×3200×6500	57

移动圆锥式破碎站 (Portable Cone Crushing Plant)

规格 Model	给料机型号 Vibrating Feeder	圆锥破型号 Cone Crusher	皮带机规格 Belt Conveyor	轮胎配置 Wheels	发电机 Generator	处理量 Capacity (t/h)	功率 Power (kW)	外形尺寸 Overall Dimension (mm)	重量 Weight (t)
3YBY1550	3YZS1548	PYB900	B500×7M	并装双轴	选配	50-200	75	13000×2800×6400	43
3YBY1836	3YZS1548	ZYS36	B650×7M	并装双轴	选配	70-300	89-134	13000×3000×6400	47
3YBY1851	3YZS1860	ZYS51	B650×8M	并装三轴	选配	120-400	212.5-220.5	14000×3000×6700	53
3YBY2122	3YZS2160	HP220	B800×8M	并装三轴	选配	140-450	257.5-264.65	14000×3200×6700	58

注：技术数据如有变动，恕不另行通知。 Note: Any change of technical data shall not be advised additionally.

箱式破碎机

Box Type Breaker



产品描述

箱式破碎机(Box-typebreaker)也称重锤破碎机,方箱破碎机,是吸收国内外先进技术,综合普通重锤式破碎机、反击式破碎机、立轴重锤式破碎机及各种用锤头(板)对石料进行打击破碎的机械原理上,经过优化设计后,制造生产出了最新一代破碎机械产品,改变了以篦条控制出料颗粒大小的方法,减少了锤头在破碎腔内的磨损,使锤头的寿命提高4-6倍,每副锤头可破碎石料3-4万吨,实现了破碎技术的重大突破,真正达到了事半功倍的效果。

工作原理

石料由机器上部直落入高速旋转的转盘,在高速离心力的作用下,产生高速度的撞击与高密度的粉碎,石料在互相打击后,又会在转盘和机壳之间形成涡流运动而造成多次的互相打击、摩擦、粉碎、直至粉碎成所要求的粒度。

Product Description

Box type breaker, also called heavy hammer or square-box crusher, combines proven hammer and impact-crushing principles. Its optimized grate controls product size and reduces hammer wear, extending hammer-head service life by four to six times.

Working Principle

Material drops into the high-speed rotor and is crushed by centrifugal impact. Repeated collision, friction and vortex motion between the rotor and casing continue until the required product size is reached.

箱式破碎机

Box Type Breaker

产品优势

1. 进料粒度大、破碎比大、出料均匀。
2. 成品率高, 颗粒状产品约占85%。
3. 锤轴安装可调, 锤头寿命长。
4. 栅格尺寸可调, 产品粒度可控、粒形好。
5. 机箱可翻转, 检修方便。
6. 方柄螺栓抗冲击、抗磨损。
7. 产量高、性能稳定。
8. 粗、中碎一步到位, 流程简化。
9. 高耐磨锤头、篦板和反击板寿命长。
10. 配套功率小、能耗低、易损件少。

Product Advantage

1. Large feed size, crushing ratio and uniform discharge.
2. High yield with about 85% granular product.
3. Adjustable shaft and long hammer life.
4. Adjustable grate controls particle size and shape.
5. Reversible case simplifies maintenance.
6. Impact- and wear-resistant square-shank bolts.
7. High output and stable performance.
8. Coarse and medium crushing in one stage.
9. Wear-resistant hammers, grates and impact plates.
10. Low installed power and fewer wear parts.

主要技术参数 (Main technical parameters)

型号 (进料口尺寸) Type Number (Feed Size)	PC600	PC800	PC1000	PC1200
转子转速 (转/分) Rotor Speed	600-800	650-750	650-750	600-750
最大进料粒度 (mm) Maximum Feed Size	550	780	780	800
出料粒度 (mm) Discharging Granularity	≤50	≤50	≤50	≤100
生产能力 (吨/小时) Capacity (Tons Per Hour)	30-50	40-80	50-100	100-160
电动机功率 (kW) Motor Power	40-55	75-90	90-110	110-132
机器重量 (kg) Machine Weight	4200	4800	6500	8300

注: 技术数据如有变动, 恕不另行通知。 Note: Any change of technical data shall not be advised additionally.

球磨机

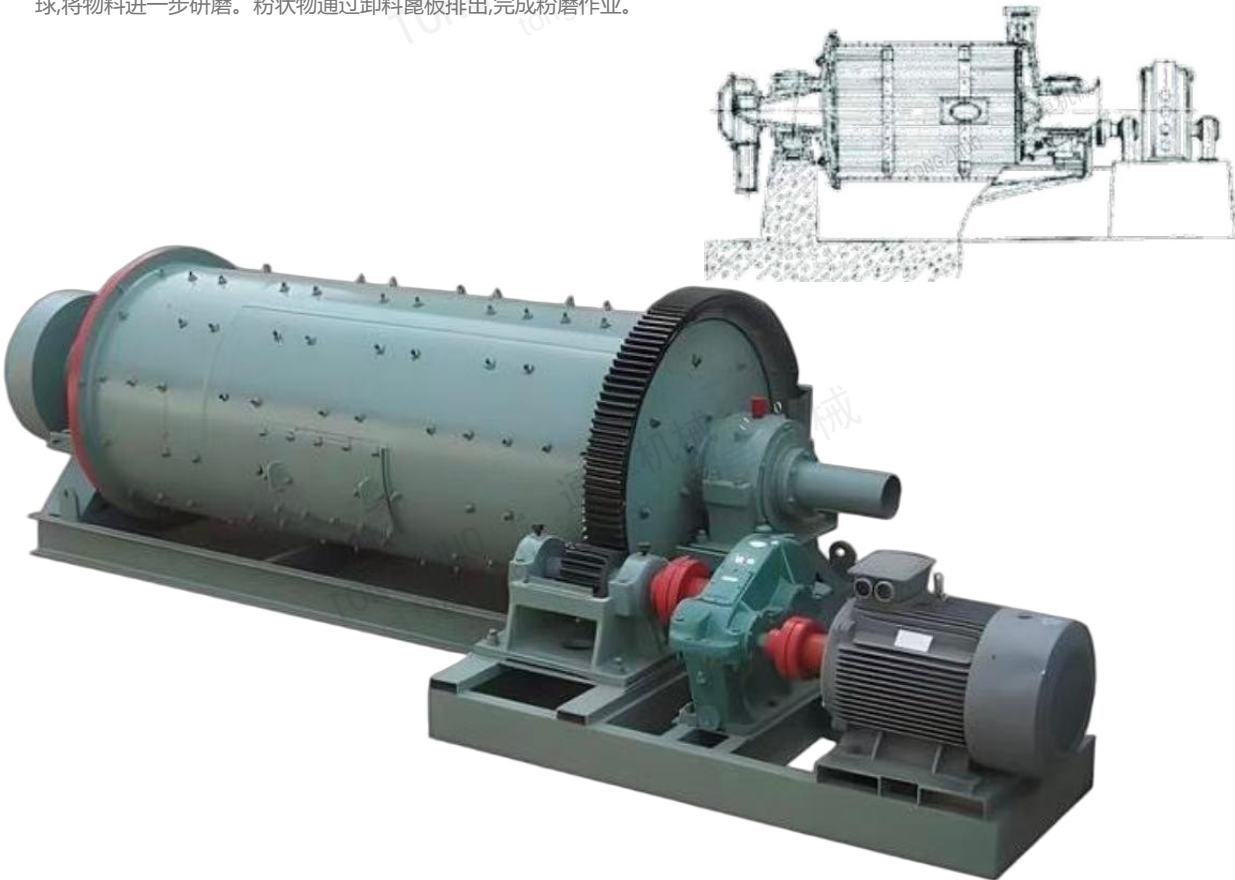
Ball Mill

产品描述

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

工作原理

本球磨机为卧式筒形旋转装置,外沿齿轮传动,两仓,格子型节能球磨机。物料由进料装置经入料中空轴螺旋均匀地进入磨机第一仓,该仓内有阶梯衬板或波纹衬板,内装不同规格钢球,筒体转动产生离心力将钢球带到一定高度后落下,对物料产生重击和研磨作用。物料在第一仓达到粗磨后,经单层隔仓板进入第二仓,该仓内镶有平衬板,内有钢球,将物料进一步研磨。粉状物通过卸料篦板排出,完成粉磨作业。

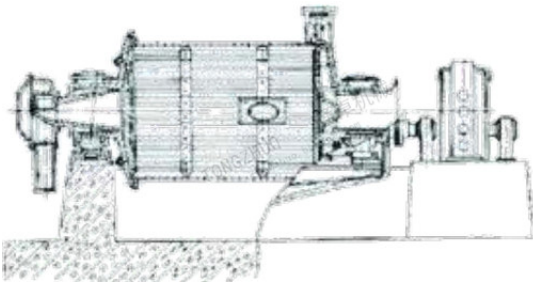


Product Description

Ball mill is a key machine for grinding crushed materials. It is widely used in cement, silicate products, building materials, refractory, fertilizer, mineral processing and glass ceramics, with dry or wet grinding modes.

Working Principle

Material enters the first chamber of the rotating drum and is ground by steel balls and liners. It then passes through a diaphragm into the second chamber for finer grinding and leaves through the discharge grate.



球磨机

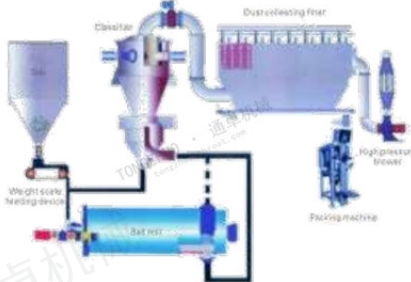
Ball Mill

产品优势和特点

结构简单、维修方便; 处理能力大, 连续作业优势明显; 安装调试方便、易于操作, 使用范围广。

Advantages and Features

Simple structure, convenient maintenance, high processing capacity, continuous operation. convenient installation and wide applicatic



主要技术参数 (Main technical parameters)

型号 Model	进料粒度 Max Feeding	出料粒度 Output Size	装球量 Ball Load	筒体转速 Rotary Speed	功率 Motor Power	处理量 Capacity	重量 Weight
900×1800	≤15	0.075-0.89	1.9	37	15	0.5-2	3.4
900×2100	≤15	0.075-0.4	2.3	37	18.5	0.4-2	3.9
1200×2000	≤25	0.075-0.4	3.85	35	30	1.1-2.5	7.78
1200×2400	≤25	0.075-0.4	4.6	35	30	1.5-3.2	8.65
1200×2800	≤25	0.075-0.4	5.4	35	37	1.5-3.7	10.02
1200×4500	≤25	0.075-0.4	8.6	35	45	2.7-6.79	14
1500×3000	≤25	0.074-0.4	9	29	75	3.3-8.2	16.8
1500×3500	≤25	0.074-0.4	10.5	29	75	3.3-8.5	17.6
1500×4500	≤25	0.074-0.4	13.5	29	90	4.5-12	20
1500×5700	≤25	0.074-0.4	17	29	110	2.6-14	25
1830×3000	≤25	0.074-0.4	13.5	24	135	4-15	28
1830×4500	≤25	0.074-0.4	20	24	155	4-19	32
1830×7000	≤25	0.074-0.4	31.5	24	210	6-22	37.5
2100×3000	≤25	0.075-0.4	18	22	210	6.4-28	40.79
2100×3600	≤25	0.074-0.4	21.5	22	210	7.6-28	43.454
2200×3600	≤25	0.074-0.4	25	20.7	245	5.2-32	48
2200×7000	≤25	0.074-0.4	46	20.7	380	16-38	54
2400×3000	≤25	0.074-0.4	28	19	320	8-60	47
2400×4500	≤25	0.074-0.4	35	19	380	8.6-60	65
2700×4000	≤25	0.074-0.4	40	20.7	400	12-80	94
2700×4500	≤25	0.074-0.4	48	20.7	430	12-90	102
3200×4500	≤25	0.074-0.4	65	18	800	按工艺条件	137

注: 技术数据如有变动, 恕不另行通知。 Note: Any change of technical data shall not be advised additionally.

转筒烘干机

Rotating Cylinder Drying Machine

产品描述

转筒烘干机广泛用于建材、冶金、化工、水泥等行业,可烘干矿渣、煤粉、矿粉、粘土、沙子、石灰石等物料。该机主要由回转体、扬料板、传动装置、支撑装置等部分组成。具有结构合理,制作精良,产量高,能耗低,运转可靠、适应性强等优点。



主要技术参数 (Main technical parameters)

型号 Model	转速 Rotation Speed	倾斜度 Slope (%)	最高温度 Highest Temperature	功率 Power	产量 Capacity	重量 Weight
Φ0.6×10	3.8-5	3-5	700	4	0.6-2	3.2
Φ0.8×10	3.8-5	3-5	700	4	0.8-2.5	4.5
Φ1.0×10	3.8-5	3-5	700	5.5	1-3.5	6
Φ1.2×10	3-6	3-5	700	11	2-6	14.8
Φ1.5×10	2.8-4	3-5	700	15	3-8	17.9
Φ1.5×12	2.8-4	3-5	700	18	3.6-9	22.3
Φ1.5×15	3	3-5	700	18.5	3.7-11	25.6
Φ1.8×14	2-4	3-5	700	18.5	4-13	29
Φ2.2×12	2-4	3-5	700	22	6-15	33
Φ2.4×18	2-4	3-5	700	30	8-25	53

注：技术数据如有变动，恕不另行通知。 Note: Any change of technical data shall not be advised additionally.

Product Description

The rotary dryer is used in building materials, metallurgy, chemical and cement industries for slag, coal powder, clay, sand, limestone and similar materials. It combines a rotary body, lifting blades, drive and support devices with high efficiency and convenient transport.

转筒烘干机

Rotating Cylinder Drying Machine

工作原理

湿物料由皮带输送机或斗式提升机送到料斗,然后经料斗的加料机通过加料管道进入加料端。加料管道的斜度要大于物料的自然倾角,以便物料顺利流入干燥器内。干燥器圆筒是一个与水平线略成倾斜的旋转圆筒。物料从较高一端加入,载热体由低端进入,与物料成逆流接触,也有载热体和物料一起并流进入筒体的。随着圆筒的转动物料受重力作用运行到较底的一端。湿物料在筒体内向前移动过程中,直接或间接得到了载热体的给热,使湿物料得以干燥,然后在出料端经皮带机或螺旋输送机送出。在筒体内壁上装有抄板,它的作用是把物料抄起来又撒下,使物料与气流的接触表面增大,以提高干燥速率并促进物料前进。载热体一般分为热空气、烟道气等。载热体经干燥器以后,一般需要旋风除尘器将气体内所带物料捕集下来。如需进一步减少尾气含尘量,还应经过袋式除尘器或湿法除尘器后再行排放。

Working Principle

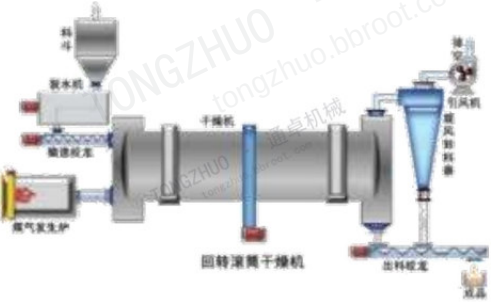
Wet material enters the slightly inclined rotating cylinder through a hopper. Lifting plates repeatedly raise and shower the material into the hot airflow, increasing contact and drying efficiency. Dried material leaves from the discharge end and exhaust gas is cleaned by the dust collector.

产品优势和特点

采用自动控制装置,只需通过控制面板调节好时间,即可自动完成整个烘干过程:转筒采用优质不锈钢制作,筒体美观光滑,经久耐用,绝无划伤织物现象:大开门设计,方便门180度自由打开,提取物料更容易:采用三角胶带传动,运转平稳、噪声低、安全可靠。。

Advantages and Features

Automatic timing control, durable cylinder construction, wide access for material removal, smooth belt drive, low noise and reliable operation.





跳汰机

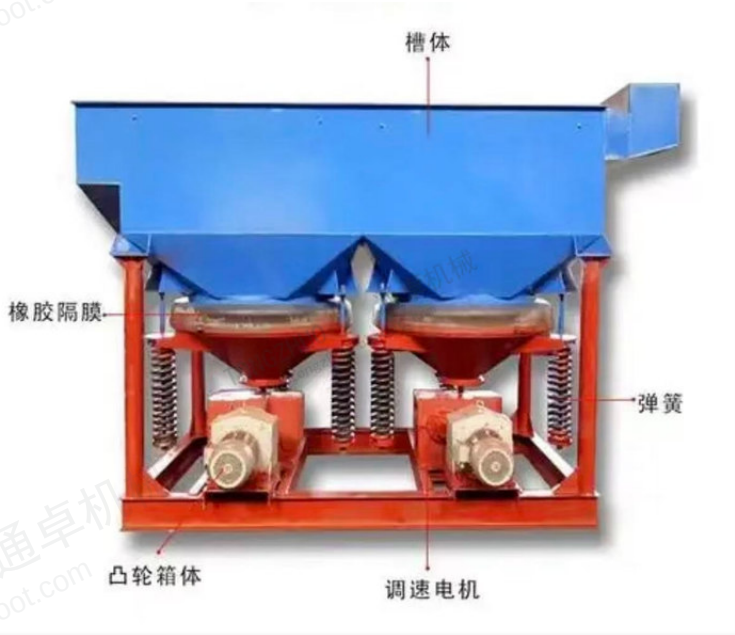
Jigger

工作原理

在垂直交变介质流(水流或气流)的作用下使比重不同的矿物原料按照比重分层,跳汰选矿的结果是使比重不同的矿物原料在跳汰机分选槽中的高度上占据不同的位置,比重大小的占据下层,成为重矿物或精矿,比重较小的占据上层,称为轻矿物或尾矿。最后通过特殊的装置将比重不同的两个原料层分别排出,得到精矿和尾矿。生产过程中原料不断给入跳汰机,产生分层并不断排出机外,这就形成了连续的跳汰选矿过程。

Working Principle

Alternating vertical water or air flow stratifies particles by density. Heavy mineral settles to form concentrate while lighter mineral rises and leaves as tailings. Continuous feeding and discharge form a continuous jigging process.



主要技术参数 (Main technical parameters)

参数 Parameter	JT0.57	JT1-3	JT1-2	JT3-1	JT4-2(O)	JT4-2A(2)	JT5-2
跳汰室形状 Jigging Chamber Shape	梯形	梯形	梯形	梯形	梯形	梯形	梯形
跳汰室面积 Area (m²)	0.57	1.04	2.28	3	4	4	4.86
冲程 Stroke (mm)	8.5-12	10-17	12-21	12-30	25-57	25-57	12-30
冲次 Jig Frequency (n/min)	—	80-180	—	—	50-125	50-125	—
给矿粒度 Feed Size (mm)	<6	<10	<10	<10	<25	<25	<10
筛下补给水量 (m³/t)	1-2	2-3	2-4	3-6	4-8	4-8	3-6
处理量 Capacity (t/h)	1.5-3	2.5-5	5-10	7.5-15	8-20	8-20	12-25
电机功率 Motor Power (kW)	1.5	2.2	3	5.5	7.5	4×2	7.5
重量 Weight (kg)	610	900	1640	3085	3698	3500	4500

注：技术数据如有变动，恕不另行通知。 Note: Any change of technical data shall not be advised additionally.



跳汰机

Jigger



产品优势

1. 处理能力大。
2. 提高有用矿物回收率。
3. 冲程可调。
4. 选别粒度范围广、回收率高。
5. 耗水少、占地面积小。
6. 最大可处理约60mm矿物。

Advantage

1. Large processing capacity.
2. Improved recovery.
3. Adjustable stroke.
4. Wide particle-size range.
5. Lower water use and footprint.
6. Handles particles up to about 60 mm.

产品介绍

跳汰机为固定筛子式设备，适用于钨、金、锡等金属矿选别，可处理细粒物料，也可用于较粗物料。一般最大给矿粒度为6—8mm，个别情况下可达12mm。

Product Description

The fixed-screen jigger is suitable for tungsten, placer gold, tin and similar ores. It handles fine material and, when required, coarser feed up to approximately 12 mm.



摇床

Shaking Table



产品介绍

矿用曲波面摇床是湿选生产工艺中的常用设备，广泛用于黑色金属、稀有金属的重选作业。用于金属矿时的有效选别粒度约为3—0.019mm，选煤时上限粒度可达10mm。

Product Description

The shaking table is a common wet concentrating machine for black-metal and rare-metal ores. Effective separation size is about 3—0.019 mm for metal ore and can reach 10 mm for coal.

产品原理

利用矿物比重不同的原理，床头提供差速运动，配合斜面水流和不同形式的床条，使矿粒在床面松散分层并选择性运送，形成扇形分带，得到不同品质的产品。

Working Principle

Differential deck motion, wash water and deck riffles stratify particles by density. Selective transport forms fan-shaped zones and separates products of different quality.



摇床

Shaking Table

产品优势

- 1.摇床具有富矿比高,选别效率高,看管容易,便于调节冲程。
- 2.在改变横向坡度和冲程时仍可保持床面运行平衡,弹簧放置在箱体
- 内,结构紧凑,且能一次得出最终精矿和最终尾矿。
- 3.占地面积小、处理量大、省电节能、设备成本相对低廉。
- 4.具有富矿比高,选别效率高,看管容易,便于调节冲程、冲次等

Advantage

High enrichment ratio and efficiency; simple adjustment; stable deck balance when stroke and slope change; compact footprint, useful capacity and low energy and operating cost.

主要技术参数 (Main technical parameters)

型号 Model	单位 Unit	粗砂床面 Coarse Ore Deck	细砂床面 Fine Sand Deck	矿泥床面 Slime Deck
床面长度 Length	mm	4450	4450	4450
传动端宽度 Transmission End Width	mm	1855	1855	1855
精矿端宽度 Concentrate End Width	mm	1546	1546	1546
最大进料粒度 Max Feeding Size	mm	2	0.5	0.15
进料产量 Feeding Amount	t/d	30-60	10-20	15-25
给矿浓度 Feeding Density	%	25-30	20-25	15-25
冲程 Stroke	mm	16-22	11-16	8-16
频率 Frequency	r/min	45-48	48-53	50-57
耗水量 Water Added	t/d	80-150	30-60	10-17
横向坡度 Transverse Slope	°	2°30'-4°30'	1°30'-3°30'	1°-2°
纵向坡度 Longitudinal Slope	°	1.4	0.92	—
床面面积 Beneficiation Area	m²	7.6	7.6	7.6
电机功率 Motor Power	kW	1.1	1.1	1.1

注：技术数据如有变动，恕不另行通知。 Note: Any change of technical data shall not be advised additionally.

永磁筒式磁选机

Magnetic Separator

优势特点

1. 磁系采用高磁能积、高矫顽力磁铁，磁场强度高、作用深。
2. 具有弱磁、中磁和强磁等多种槽体形式。
3. 磁系包覆不导磁不锈钢，确保磁块不脱落。
4. 槽体可按流程和用户要求定制。
5. 筒体包覆耐磨橡胶，使用寿命长。

Advantages

Permanent magnets provide high magnetic induction. The separator supports downstream, counter-flow and semi-counter-flow tank configurations. A stainless enclosure protects the magnetic group and wear-resistant rubber extends drum life.



产品介绍

我公司研发的磁选机结构简单，可直接安装在皮带输送机的头部，也可配置成独立的干式磁选机。主要用于低品位矿石的预选，提高入磨品位、降低选矿成本，也可用于非磁性物料的除铁作业。

工作原理：矿浆经给矿箱流入槽体后，在给矿喷水管水流的作用下，矿粒呈松散状态进入给矿区。在磁场作用下，磁性矿粒发生磁聚并形成“磁团”或“磁链”，受磁力作用向磁极运动并被吸附在圆筒上。由于磁极沿圆筒旋转方向交替排列且工作时固定不动，“磁团”或“磁链”随圆筒旋转时产生磁搅拌，夹杂其中的脉石等非磁性矿物在翻动中脱落；吸附在圆筒表面的“磁团”或“磁链”即为精矿。精矿随圆筒转至磁系边缘磁力最弱处，在卸矿水管冲洗水流的作用下卸入精矿槽；全磁磁辊则用刷辊卸矿。非磁性或弱磁性矿物留在矿浆中并随矿浆排出槽外，成为尾矿。

永磁筒式磁选机

Magnetic Separator

Product Description

Our magnetic separator has a simple structure. It can be installed directly at the head of a belt conveyor or configured as an independent dry magnetic separator. It is mainly used to pre-separate low-grade ore, improve the grade entering the mill, reduce beneficiation cost, and remove iron from non-magnetic materials.

Working principle: Slurry enters the tank through the feed box. Spray water loosens the particles in the feeding zone. In the magnetic field, magnetic particles gather into magnetic groups or chains, move toward the magnetic poles and adhere to the drum. Because the poles alternate around the drum while the magnetic system remains fixed, magnetic agitation releases entrained gangue and other non-magnetic particles. The concentrate is carried to the weakest-field area at the edge of the magnetic system and washed into the concentrate trough; a full-magnetic drum uses a brush roller for discharge. Non-magnetic and weakly magnetic minerals remain in the slurry and leave the tank as tailings.

主要技术参数（Main technical parameters）

型号参数 Model & Spec	CTBY1018	CTBY1024	CTBY1030	CTBY1218	CTBY1224	CTBY1230
筒体直径 Diameter (mm)	1000	1000	1000	1200	1200	1200
筒体长度 Length (mm)	1800	2400	3000	1800	2400	3000
筒表磁场 Surface Magnetic Density (mT)	350-550	350-550	350-550	350-550	350-550	350-550
筒体转速 Rotating Speed (r/min)	23	23	23	20	20	20
干矿处理量 Capacity of Dry Ore (t/h)	42-65	53-86	82-124	58-97	71-120	103-158
给矿粒度 Feed Size (mm)	0-10	0-10	0-10	0-10	0-10	0-10
矿浆浓度 Slurry Density (%)	20-50	20-50	20-50	20-50	20-50	20-50
电机功率 Motor Power (kW)	5.5	7.5	7.5	7.5	11	11
总重量 Total Weight (t)	5.2	6.4	7.1	6.7	7.2	8.9

注：技术数据如有变动，恕不另行通知。 Note: Any change of technical data shall not be advised additionally.

SF 型机械搅拌式浮选机

SF Flotation machine



产品描述

浮选机适用于有色和黑色金属选别，也可用于煤、萤石、滑石等非金属。电机带动叶轮旋转形成负压并吸入空气，矿浆、空气和药剂充分混合，矿粒附着于气泡并浮到液面形成矿化泡沫，由刮板刮出。

空气沿导气套筒进入混合区，矿浆、空气和药剂充分混合；在叶轮离心力的作用下，混合后的矿浆进入矿化区，空气形成气泡并被粉碎与颗粒充分接触，形成矿化气泡，在定子和紊流板的作用下，均匀地分布于槽体截面，向上移动进入分离区，富集形成泡沫层，由刮泡机构排出，形成精粉泡沫。槽底上面未被矿化的颗粒通过循环孔和上吸口再一次混合、矿化和分离。槽底下未被叶轮吸入的部分矿浆，通过矿浆中的中矿箱进入第二室的槽底下，完成第二室的全部过程后，进入第三室，浮选机如此周而复始，矿浆通过最后一室后进入尾矿箱排出最终尾矿。

Product Description

The flotation machine separates non-ferrous and ferrous metals and can also process coal, fluorite and talc. The rotating impeller creates negative pressure, draws in air and mixes pulp with reagents. Mineralized bubbles rise to the surface and are removed by the scraper.

Pulp circulates through successive cells for repeated mixing, mineralization and separation. Unmineralized particles return through circulation passages, while the final tailings leave the last cell.

SF 型机械搅拌式浮选机

SF Flotation machine

产品优势

叶轮采用后倾式双面叶片，可实现槽内矿浆双循环；吸气量大、功耗低；叶轮与盖板间隙大、磨损轻、寿命长；矿浆循环合理、粗砂沉积少；机械搅拌并具备自吸气、自吸矿浆能力。

Advantage

Large air-suction volume, low power consumption, long service life, limited coarse-sand sediment, convenient process flow and mechanical self-aeration/self-suction.



SF flotation cell adopts a forward tank, double-side blades and a false-bottom circulation structure to improve coarse-particle suspension.

主要技术参数 (Main technical parameters)

型号 Model	有效容积 Effective Volume	处理能力 Capacity	叶轮直径 Impeller Diameter	叶轮转数 Impeller Revolution	搅拌电机功率 Motor for Stir	刮板电机功率 Motor for Scraper	单槽重量 Weight
SF-0.37	0.37	0.2-0.4	300	352-442	1.5	0.55	468
SF-0.7	0.7	0.3-1.0	350	336-384	3	—	629
SF-1.2	1.2	0.6-1.6	450	312	5.5	1.1	1373
SF-2	2	1.5-3	550	280	11	1.5	1879
SF-2.8	2.8	1.5-3.5	550	280	11	1.5	1902
SF-4	4	2.0-4	650	235	15	1.5	2582
SF-6	6	3-6	700	191	30	2.2	3540
SF-8	8	4-8	760	191	30	2.2	4129
SF-16	16	5-16	850	169-193	45	1.5	7415
SF-20	20	10-12	850	169-193	45	1.5	9828

注：技术数据如有变动，恕不另行通知。 Note: Any change of technical data shall not be advised additionally.

振动给料机

Vibrating Feeder

产品描述

本公司生产的喂料机系列分为激振式喂料机与直线式喂料机两种。激振式喂料机系列采用两台激振式电机,用户可自由调整喂料机的振动率,从而完全控制石料的喂料速度,保证整条生产线的顺畅运行。直线振动式给料机,具有振动平稳,工作可靠,寿命长等特点。可为碎石机械连续、均匀喂料,并对物料进行粗筛分。

Product Description

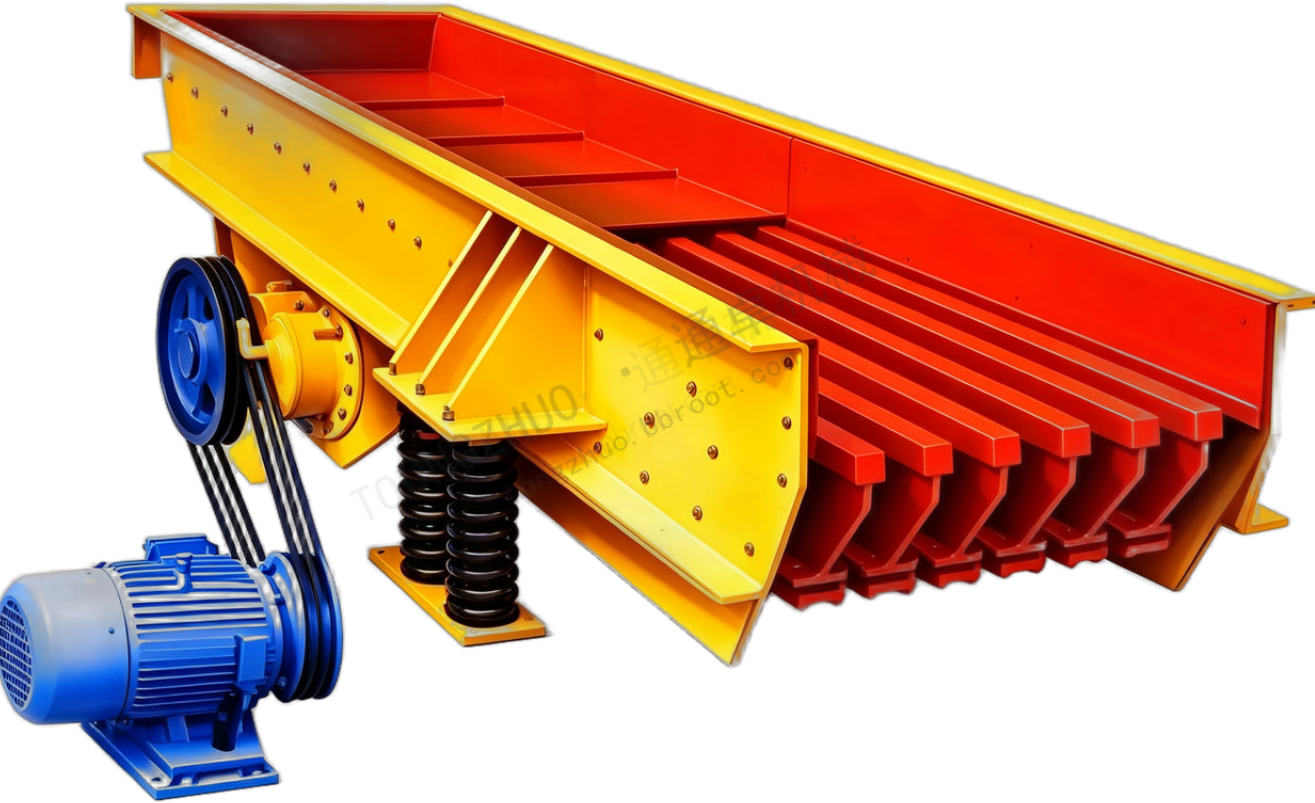
The feeder series includes two types: the GZD vibrating feeder and the ZSW linear feeder. The vibrating feeder uses two vibration motors. Users can freely adjust the vibration frequency to control the feeding speed and keep the entire production line running smoothly. The linear vibrating feeder provides stable vibration, reliable operation and long service life; it feeds crushing equipment continuously and uniformly while performing preliminary screening.

工作原理

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

Working Principle

Two eccentric shafts rotate in opposite directions. Their combined centrifugal force drives the trough in linear vibration, repeatedly lifting and advancing material along the feeder surface.



振动给料机

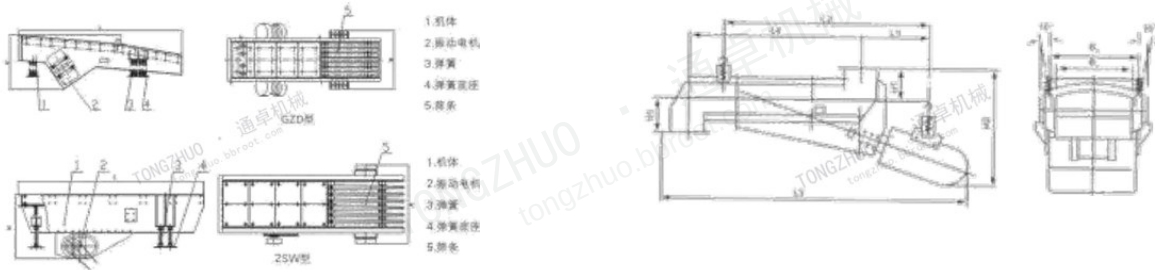
Vibrating Feeder

产品优势和特点

振动平稳、工作可靠、寿命长:可以调节激振力,可随时改变和控制流量,调节方便稳定;振动电机为激振源,噪声低,耗电小,调节性能好,无冲料现象。结构简单,运行可靠,调节安装方便,重量轻,体积小,维护保养方便,当采用封闭式结构机身时可防止粉尘污染。1.机体2.电动机3.弹簧4.弹簧底座5.弹簧

Advantages and Features

Stable vibration, reliable operation, adjustable excitation and flow, low noise and low power consumption. The simple, lightweight structure is easy to maintain, and a closed body helps prevent dust pollution.



主要技术参数 (Main technical parameters)

型号 Model	最大给料粒度 Max Feed Size (mm)	处理能力 Capacity (t/h)	偏心轴转速 Speed (r/min)	功率 Power (kW)	料槽尺寸 Trough Size (mm)	重量 Weight (t)	外形尺寸 Overall Dimension (mm)
GZD-180x80	300	30-80	—	2x1.5	1800x800	0.8	2200x1100x800
GZD-200x120	300	80-500	—	2x2.2	2000x1200	0.9	2000x1200x855
GZD-300x90	300	40-100	—	2x2.2	3000x900	1.5	3050x1430x1550
ZSW-380x96	500	90-200	500-714	11	3800x960	3.96	3882x2224x2121
ZSW-420x110	580	150-350	500-800	15	4200x1100	5	4250x2600x1365
ZSW-490x110	580	180-380	500-800	15	4900x1100	5.32	4957x2500x1365
ZSW-490x130	750	250-450	500-800	22	4900x1300	5.9	4957x2580x2083
ZSW-600x130	750	450-800	500-800	22	6000x1300	7.8	6082x2580x2083
ZSW-600x150	800	600-1000	500-800	30	6000x1500	8.67	6062x2660x2400

注: 技术数据如有变动, 恕不另行通知。 Note: Any change of technical data shall not be advised additionally
本表格仅列出常规标准机型, 更多规格、非标定制型号均可提供。 This table only lists standard models. More specifications and non- customized versions are available upon request.

振动筛

Vibrating Screen

产品描述

本系列振动筛的运动轨迹呈圆周,是专门为采石场筛分料石设计的,也可供选煤、选矿、建材、电力及化工部门等作产品分级用。本公司产品具有结构先进,激振力强,振动噪音小,易于维修,坚固耐用等特点。

Product Description

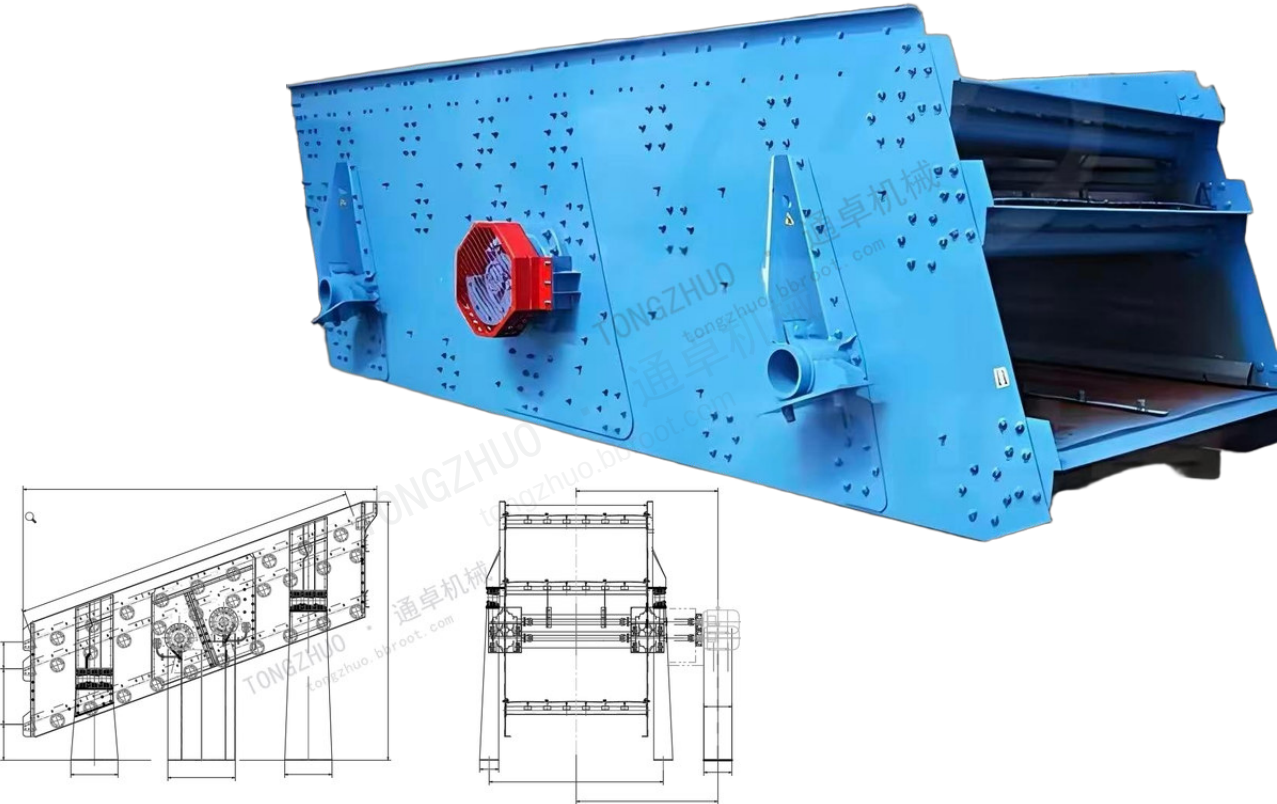
The circular vibrating screen separates crushed stone into different sizes and is also used for grading in coal, ore, construction materials, power and chemical industries.

工作原理

圆振动筛是一个以筛箱激振器等可动部分为质量,以金属螺旋弹簧为弹性元件,以振动器为激振机构的单质量强迫振动系统的筛分设备。电机通过轮胎式联轴器驱动激振器,偏心块高速旋转产生强大的离心力,使筛箱作强制的连续的圆运动。物料则以此运动为动力,在倾斜的筛面上作连续的抛掷运动,抛起时分层,落下时以颗粒透筛,周而复始的完成了粒度的分级过程。

Working Principle

An eccentric exciter produces continuous circular motion. Material is repeatedly thrown, stratified and passed through the inclined screen surface to complete particle-size classification.



振动筛

Vibrating Screen

产品优势和特点

振动平稳、工作可靠、寿命长:可以调节激振力,可随时改变和控制流量,调节方便稳定:振动电机为激振源,噪声低,耗电小,结构简单,运行可靠,调节安装方便,重量轻,体积小,维护保养方便,当采用封闭式结构机身时可防止粉尘污染。调节性能好,无冲料现象。

Advantages and Features

Stable, reliable and durable vibration with adjustable excitation, low noise and energy use, simple installation and maintenance, and an optional closed dust-control structure.

主要技术参数 (Main technical parameters)

型号 Model	筛面层数 Number of sieving layers	筛面规格 Screen surface specification (mm)	最大进料粒度 Maximum particle size (mm)	处理能力 Processing capacity (t/h)	振动频率 Vibration frequency (Hz)	功率 Power (kW)	重量 Weight (t)	外形尺寸 External dimensions (mm)
2YKJ1550	2	1500×5000	200	30-180	13-16	18.5	4.5	4830×2220×3100
3YKJ1550	3	1500×5000	200	30-200	13-16	18.5	5.8	4830×2220×3530
4YKJ1550	4	1500×5000	200	30-250	13-16	22	6.36	4830×2240×4280
2YKJ1860	2	1800×6000	250	50-300	16.2	18.5	5.5	6060×2520×3980
3YKJ1860	3	1800×6000	250	50-300	16.2	22	6.5	6060×2520×3550
4YKJ1860	4	1800×6000	250	50-300	16.2	22	6.5	6060×2520×3980
2YKJ2060	2	2000×6000	250	100-400	16.2	18.5	6	6060×2720×3550
3YKJ2060	3	2000×6000	250	100-400	16.2	22	7.5	6060×2720×3980
4YKJ2060	4	2000×6000	250	100-400	16.2	30	8.5	6060×2720×4720
2YKJ2460	2	2400×6000	300	150-600	16.2	22	7.8	6060×3120×3650
3YKJ2460	3	2400×6000	300	150-600	16.2	30	9.35	6060×3120×4080
2YKJ2070	2	2000×7000	300	200-480	16.2	22	8	6880×2760×4390
3YKJ2070	3	2000×7000	300	200-480	16.2	30	9.5	6880×2760×4820
2YKJ2270	2	2200×7000	300	200-550	16.2	22	8.5	6880×2960×4820
3YKJ2270	3	2200×7000	300	200-550	16.2	30	10	6880×2960×4820
2YKJ2570	2	2500×7000	300	250-650	16.2	30	10	6880×3260×4390

注: 技术数据如有变动, 恕不另行通知。 Note: Any change of technical data shall not be advised additionally.

直线高频筛

Linear Frequency Screen



产品描述

直线振动筛稳定可靠、能耗和噪声低、寿命长、筛分效率高。适用于磨料、化工、塑料、医药、陶瓷、冶金、建材、粮食和化肥等行业的粉状及颗粒状物料筛分。

Product Description

The linear vibrating screen provides stable operation, low energy use and noise, long life and efficient screening for dry powders and fine particles in chemical, ceramic, metallurgy, building-material and food applications.

工作原理

直线振动筛采用双振动电机驱动当两台振动电机做同步、反向旋转时,其偏心块所产生的激振力在平行于电机轴线的方向相互抵消,在垂直于电机轴的方向叠加为一合力,因此筛机的运动轨迹为一直线。其两电机轴相对筛面有一倾角,在激振力和物料自重力的合力作用下,物料在筛面上被抛起跳跃式向前作直线运动,从而达到对物料进行筛选和分级的目的。可用于流水线中实现自动化作业。具有能耗低、效率高、结构简单、易维修、全封闭结构无粉尘溢散的特点。最高筛分目数325目,可筛分出7种不同粒度的物料。

Working Principle

Two counter-rotating motors combine their excitation force into linear motion. Material is repeatedly thrown forward on the inclined screen surface for continuous screening and grading.

直线高频筛

Linear Frequency Screen

产品优势 and 特点

- 1.该型筛分机适合高产能的粗分作业。
- 2.物料在筛面上行程长,处理量大。
- 3.筛选的同时,对物料进行平行输送。
- 4.可调整筛面倾角,来平衡透筛精度的生产量。

Advantages and Features

1. Long screen-mesh service life.
2. Low energy consumption and low noise.
3. Good sealing performance with little dust leakage.
4. High screening accuracy, large capacity and simple structure.
5. Fully enclosed structure and automatic discharge, suitable for production-line operation.

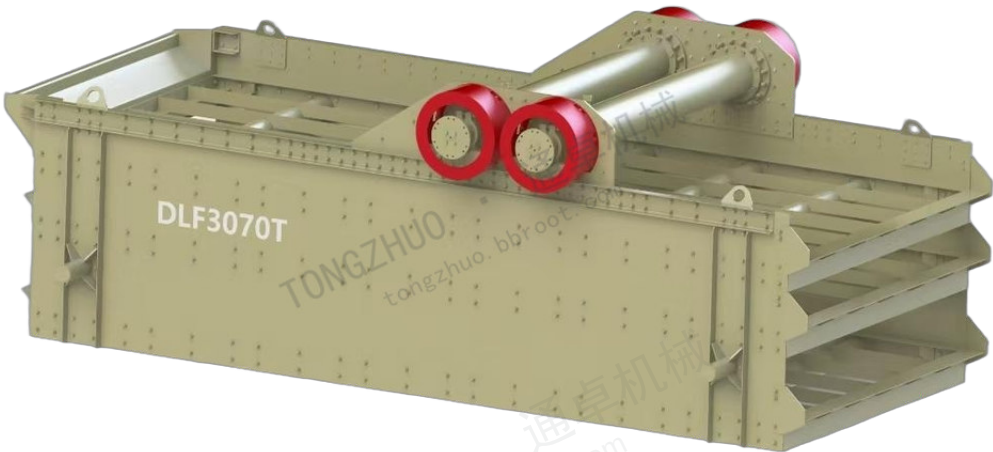
主要技术参数 (Main technical parameters)

型号 Model	筛面尺寸 Sieving Size (mm)	筛面层数 Decks	网孔目 Mesh	处理量 Processing	振次 Vibration	振幅 Amplitude	电机功率 Motor Power	筛面倾角 Inclination	外形尺寸 Dimension (mm)
FZ-DZSF520	500x2000	1	—	0.05-5	—	—	2x0.25	—	2200x800x990
FZ-DZSF520	500x2000	2	—	0.05-5	—	—	2x0.25	—	2200x800x1050
FZ-DZSF520	500x2000	3	—	0.05-5	—	—	2x0.25	—	2200x800x1150
FZ-DZSF525	500x2500	1	—	0.06-8	—	—	2x0.37	—	2700x800x990
FZ-DZSF525	500x2500	2	—	0.06-8	—	—	2x0.37	—	2700x800x1050
FZ-DZSF525	500x2500	3	—	0.1-10	—	—	2x0.37	—	2700x800x1110
FZ-DZSF1020	1000x2000	1	—	0.2-20	—	—	2x0.75	—	2220x1280x1120
FZ-DZSF1020	1000x2000	2	2-200	0.1-20	960	3-10	2x0.75	0-7°	2220x1280x1180
FZ-DZSF1020	1000x2000	3	—	0.1-20	—	—	2x0.75	—	2220x1280x1240
FZ-DZSF1025	1000x2500	1	—	0.1-20	—	—	2x1.1	—	2700x1280x1120
FZ-DZSF1025	1000x2500	2	—	0.1-20	—	—	2x1.1	—	2700x1280x1180
FZ-DZSF1025	1000x2500	3	—	0.1-20	—	—	2x1.1	—	2700x1280x1240
FZ-DZSF1030	1000x3000	1	—	0.1-25	—	—	2x1.5	—	3080x1290x1120
FZ-DZSF1030	1000x3000	2	—	0.1-25	—	—	2x1.5	—	3080x1290x1180
FZ-DZSF1030	1000x3000	3	—	0.1-25	—	—	2x1.5	—	3080x1290x1240

注：技术数据如有变动，恕不另行通知。 Note: Any change of technical data shall not be advised additionally.

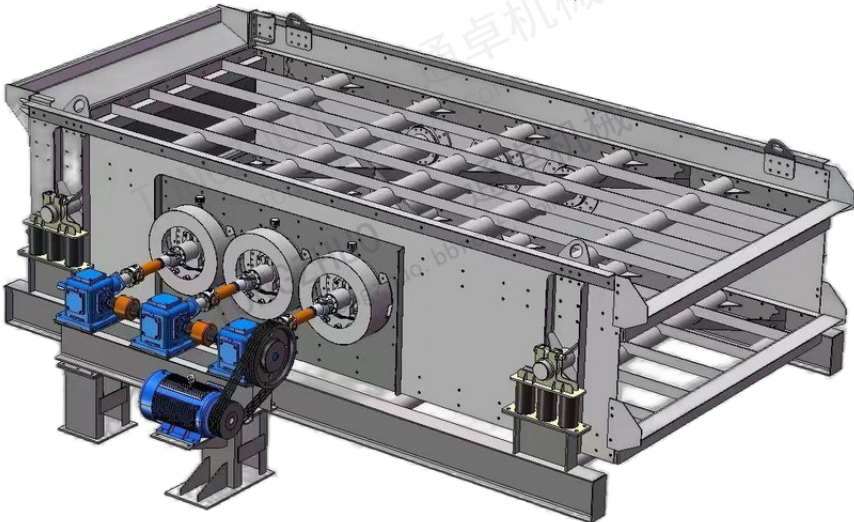
水平振动筛

Horizontal Vibrating Screen



产品描述

SP型直线振动是采用双振动电机驱动。当两台脉动电机微同步、反缶旋转时。其偏心块所产生的激振力在平行于电机轴线的方向相互抵消，在垂直于电机轴的方向叠为一合力，因此筛机的运动轨迹为一直线，其两电机轴相对筛面有一棱角，在激振力和物料自重力的合力作用下，物料在筛面上被抛起跳跃式向前做直线运动，对中，颗粒度物料进干湿式筛分、脱水、脱介、脱泥，广泛用于矿山、煤炭、冶炼、建材、耐火材料、轻工、化工等行业。



Product Description

SP linear vibration is driven by double vibration motors. When two pulsating motors are micro-synchronous and counter-rotating, that The exciting force generated by the eccentric block offsets each other in the direction parallel to the motor axis, and overlaps in the direction perpendicular to the motor axis A resultant force, so the motion track of the screen machine is a straight line, and its two motor shafts have an angular angle relative to the screen surface, which is different from the exciting force and objects Under the combined force of gravity, the material is thrown up on the screen surface and moves forward in a straight line in a jumping way to center and center the granular material It is widely used in mines, coal, smelting, building materials, refractory materials, light weight, etc. Industrial, chemical and other industries.

水平振动筛

Horizontal Vibrating Screen

产品优势和特点

- 1.多层框架选择。
- 2.振幅、振动方向，振动频率可调。
- 3.筛箱制作工艺先进。
- 4.采用水平安装的方式。
- 5.适用于不同产品筛分需求。
- 6.物料筛分畅、不易堵孔，堵料。
- 7.工作状态稳定、处理量大
- 8.结构性能好，使用寿命长
- 9.有效降低了安装的高度
- 10.筛分效率可高达95%

Advantages and Features

- 1.Multi-layer frame selection
- 2.Adjustable amplitude, vibration direction and vibration frequency
- 3.Advanced production technology of sieve box
- 4.Adopt horizontal installation method
- 5.Suitable for screening requirements of different products
- 6.Material screening is smooth, and it is difficult to block hole
- 7.Stable working state and maximum treatment
- 8.Good structural performance and long service life
- 9.The mounting height is effectively reduced
- 10.Screening efficiency can be as high as 95%

主要技术参数 (Main technical parameters)

型号 Model	筛面层数 Number of sieve layers	筛面规格 (mm) Screen surface specification (mm)	入选粒度 (mm) Selected granularity (mm)	处理能力 (t/h) Processing capacity (t/h)	电机功率 (kw) Power (kw)
2SP2460	2	2400×6000	≤200	300- 450	22KW×2
2SP3060	2	3000×6000	≤200	450- 600	45KW
3SP2460	3	2400×6000	≤200	450- 600	22KW×2
2SP2760	2	2700×6000	≤200	500- 700	30KW×2
3SP2760	3	2700×6000	≤200	650- 900	30KW×2

注：技术数据如有变动，恕不另行通知。 Note: Any change of technical data shall not be advised additionally.



尾砂回收机

tailings recovery unit



产品描述

WS系列细砂回收装置是我公司吸收国外先进技术并结合我国实际情况而设计的细沙回收机。广泛用于泥浆净化、水电站砂石骨料系统、玻璃原料加工系统、人工制砂生产线及选煤厂粗煤泥的回收及环保工程，盾构机[泥浆净化]金属和非金属选矿场尾矿干排处理等。

工作原理

WS系列细砂回收装置利用泵输送、旋流器离心分级、振动筛脱水原理工作。砂水混合浆由泵送入旋流器，通过离心作用将细砂分离下沉，落到脱水筛上振动脱水，得到干燥成品细砂。细小泥浆从旋流器顶部溢流回流循环处理，实现细砂高效回收、减少流失、降低尾水含砂量。

Product Description

The WS- series fine sand recovery unit is developed by our company by absorbing advanced foreign technologies and combining China's practical conditions. It is widely applied in mud purification, hydropower- station aggregate systems, glass raw- material processing systems, artificial sand- making production lines, coarse coal- slime recovery in coal- preparation plants, environmental- protection projects, shield- machine mud purification, as well as tailings dewatering treatment for metallic and non- metallic mineral- processing plants.

Working Principle

The WS series fine sand recovery unit adopts pump feeding, hydrocyclone centrifugal classification and vibrating screen dewatering. The sand-water slurry is pumped into the hydrocyclone. Fine sand is separated by centrifugal force and dewatered on the vibrating screen, while fine mud overflows and circulates again. It effectively recovers fine sand and reduces sand loss.



尾砂回收机

tailings recovery unit

产品优势和特点

矿石料场应用
人工砂湿法生产会造成大量细砂流失，加重环境负担。WS细砂回收系统可大幅减少细颗粒流失，改善成品砂细度模数偏高、石粉不足的问题，提高资源利用率，降低现场污染，减少沉淀池负荷，细颗粒回收率最高可达 85%。
尾矿干排应用
传统选矿破碎后提取精矿，尾矿多采用筑坝堆存。结合现场工况与环保要求，我司尾矿干排系统实现尾矿直接干堆，降低选矿生产成本，严控尾矿含水率，解决尾矿环境污染，满足环保排放。可根据工况选配加大脱水筛，调节尾矿含水量。

Advantages and Features

Application in Ore Stockyard
Wet- process artificial sand production causes massive fine- sand loss and environmental pressure. The WS fine sand recovery system reduces fine particle loss, optimizes fineness modulus and stone- powder content of finished sand, improves resource utilization, lowers site pollution and reduces sediment- tank workload, with maximum fine- particle recovery rate up to 85%.
Application in Tailings Dewatering
In conventional mineral processing, tailings are mostly stored by damming. Our tailings dewatering system is designed for site conditions and environmental regulations. Treated tailings can be directly dry- stacked, cutting production cost, controlling moisture content and meeting environmental discharge standards. Larger dewatering screens can be adopted to adjust tailings moisture as required.

主要技术参数 (Main technical parameters)

型号 Model	振动电机功率 Vibration Motor Power (kw)	水处理量 Water- handling Capacity (m³/h)	设备重量 Weight (t)	筛面尺寸 Screen Size (mm)
WS0820	0.75×2	30-60	1.8	800×2000
WS1020	1.1×2	80-100	2.5	1000×2000
WS1230	1.5×2	150-200	3.0	1200×3000
WS1830	2.2×2	150-200	4.0	1800×3000
WS2036	3.0×2	220-320	5.8	2000×3600
2WS2440 (双旋流器)	3.7×2	350-450	8.5	2400×4000

注：
1.型号编码规则：WS + 筛宽 + 筛长；2WS 代表双旋流器大处理量机型，适配大型制砂、大规模尾矿干排。
2.水处理量为参考值，实际受进料泥浆浓度、物料粒度影响。
3.渣浆泵为配套外购件，可根据现场工况另行选型配置。

Remarks:
1.Model coding rule: WS + screen width + screen length; 2WS stands for large- capacity model with double hydrocyclones, suitable for large- scale sand- making and large- volume tailings dewatering projects.
2.The water- handling capacity is for reference only. Actual performance is subject to feed slurry concentration and material particle size.
3.Slurry pump is an outsourced auxiliary component, which can be separately selected according to site working conditions.

滚筒洗石机

Rotary Drum Scrubber



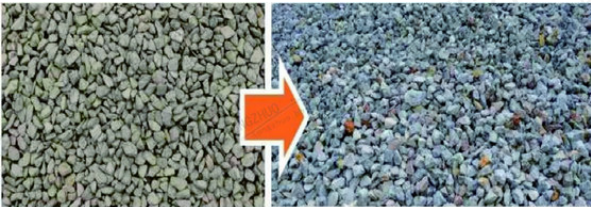
产品描述

滚筒洗石机产量大、运转噪音小，维护方便的特点，是在传统的洗石设备基础上经过设计、实验、制造而开发的一种节能、效率高、维修率低的洗石设备产品。洗矿石设备用于建筑工地、砂石厂、预制厂及水电工地大量用砂石的脱泥、作业，用于选矿工艺执行前含泥矿石清洗，提高后道工艺选矿指标，常用于铝矾石、重晶石、锰矿石、铁矿石、石灰石、钨矿石、锡矿石、硅砂矿等矿物原料的清洗工序。

Product Description

The rotary drum stone washer features large output, low operating noise and easy maintenance. Developed through design, testing and manufacturing based on traditional stone- washing equipment, it is an energy- saving, high- efficiency washing machine with low failure rate. It is widely used for desliming operations at construction sites, sand- and- gravel plants, precast component factories and hydropower projects. It cleans muddy ores prior to mineral processing to improve subsequent beneficiation indicators. It is commonly applied for washing bauxite, barite, manganese ore, iron ore, limestone, tungsten ore, tin ore and silica sand.

清洗前后对比图



滚筒洗石机

Rotary Drum Scrubber

产品优势和特点

处理能力大，洗矿能力强；
筒体采用加厚型钢板；
高压冲水冲洗筒体内壁；
采用重型轴承，齿轮和托轮；
最大进料粒度可达230mm；
大输出功率的电机和齿轮系统产生高效的扭矩；
长形的洗矿筒体使得物料在内的逗留时间长，充分且有力地
将物料完全分散；

Advantages and Features

Large processing capacity and powerful ore- washing performance
Drum constructed of thickened steel plates
High- pressure water flushing for drum inner wall
Equipped with heavy- duty bearings, gears and supporting rollers
Max. feed particle size up to 230 mm
High- power motor and gear system deliver high- efficiency torque output
Elongated washing drum ensures long material residence time for sufficient and thorough material dispersion

主要技术参数 (Main technical parameters)

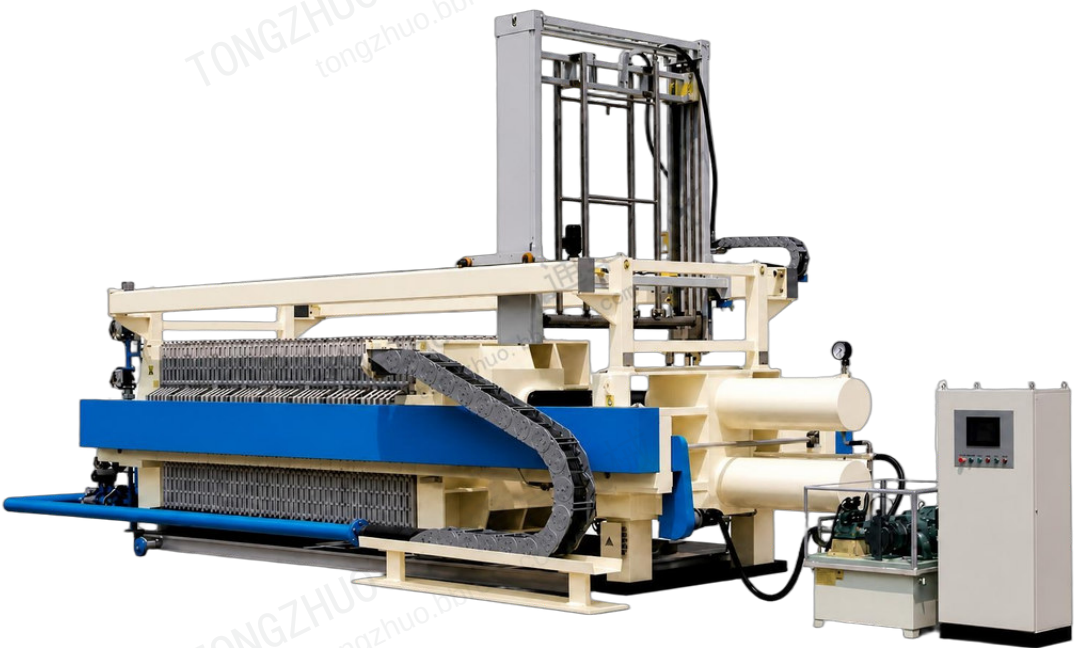
型号 Model	圆筒大小 Drum Size (m)	选装筛网 Optional Screen Mesh (mm)	给料粒度 Feed Size (mm)	处理能力 Capacity (t/h)	旋转速度 Rotation Speed(r/min)	功率 Power (kw)	设备重量 Weight (t)
RXT1030	Φ 1.0×3.0	≥5	≤100	10-40	25-28	15	3.8
RXT1230	Φ 1.2×3.0	≥5	≤100	20-50	23-25	18.5	5.8
RXT1545	Φ 1.5×4.5	≥5	≤150	40-60	18-22	30	6.9
RXT1560	Φ 1.5×6.0	≥5	≤150	50-80	18-22	37	7.8
RXT1845	Φ 1.8×4.5	≥5	≤170	70-120	18-21	45	8.6
RXT1860	Φ 1.8×6.0	≥5	≤170	80-130	18-21	45	9.5
RXT2060	Φ 2.0×6.0	≥5	≤210	110-260	14-18	55	11.5
RXT2260	Φ 2.2×6.0	≥5	≤230	130-320	14-16	55	13.2

注：
处理能力为参考值，受物料种类、进料含泥量、给水水量影响；
筛网属于选装配件，按需选配；
设备不含配套供水管道、水泵。

Remarks:
Capacity is for reference only, subject to material type, feed mud content and water supply volume.
Screen mesh is optional accessory.
Water supply pipeline and water pump are not included.

板框压滤机

Plate- and- Frame Filter Press



产品描述

HHT板框式压滤机是我公司新设计研发的一种固、液分离设备。在机器的运转作用下进行水料分离，清水回收正常使用，污泥经压榨后成块状输出（含水率30%以内），达到方便运输的效果。压滤机有PLC控制自动拉板系统，自动接液翻板，自动清洗滤布等功能。

工作原理

液压将滤板压紧形成密闭滤室，泥浆泵加压送入泥浆。水透过滤布流出，固体被滤布截留堆积成泥饼。隔膜款可充气/注水二次挤压进一步降低含水率。过滤完成后松开滤板，泥饼自重脱落，完成一批次脱水，循环作业。

Product Description

HHT plate-and-frame filter press is a kind of solid-liquid separation equipment newly designed and developed by our company. Under the action of operation, the water and material are separated, the clear water is recovered for normal use, and the sludge is squeezed and transported out in blocks (water content is less than 30%), so as to achieve the effect of convenient transportation. The filter press has PLC controlled automatic plate pulling system, which moves the liquid to turn over the plate, and automatically clean the filter cloth.

Working Principle

The hydraulic system compresses filter plates to form closed filter chambers. A slurry pump feeds pressurized slurry into the chambers. Water passes through filter cloth and drains out, while solid particles are trapped and build up into filter cakes. For diaphragm- type models, air or water is injected for secondary squeezing to further reduce moisture content. Upon completion of filtration, filter plates are released, and filter cakes fall off by gravity to finish one batch of dewatering before the cycle repeats.

板框压滤机

Plate- and- Frame Filter Press

产品优势和特点

- 1. 脱水效果好，隔膜机型泥饼含水率低，滤液清澈可循环利用
- 2. 滤板组合灵活，可调整过滤面积适配不同处理量
- 3. 固液分离彻底，细物料不易跑料，尾矿回收率高
- 4. 结构简单牢靠，易损件全球易购，维护方便
- 5. 适配洗砂、矿山尾矿、打桩泥浆等多种工况
- 6. 可选自动拉板、滤布冲洗，降低人工强度

Advantages and Features

Good dewatering performance. Diaphragm- type model achieves low moisture content of filter cake, and clear filtrate can be recycled.
Flexible filter- plate combination, filter area adjustable for different processing capacity.
Thorough solid- liquid separation, little fine- material leakage and high tailings recovery rate.
Simple and robust structure, wear parts widely available for easy maintenance.
Suitable for various working conditions: sand- washing, mine tailings, piling slurry, etc.
Optional automatic plate- shifting and filter- cloth washing to reduce labor intensity.

主要技术参数 (Main technical parameters)

型号 Model	滤板规格 Plate size (mm)	过滤面积 Filter area (m²)	滤室容积 Chamber volume (m³)	拉板方式 Plate-shifting mode	进料压力 Feed pressure (MPa)	压榨压力 Squeezing pressure (MPa)	控制方式 Control mode	拉板时间 Plate-shifting time (min)	处理能力 Processing capacity (t/h, dry solid)	电机功率 Motor power (kW)	泥饼含水率 Cake moisture
HHT200-1250A	1250	200	2.8	自动 Automatic	0.4-0.6	0.8	自动 Automatic	30-60	7月10日	5.5	60-68%
HHT400-1500A	1500	400	5.6	自动 Automatic	0.4-0.6	0.8	自动 Automatic	30-60	13-15	5.5	60-68%
HHT500-1500A	1500	500	7.0	自动 Automatic	0.4-0.6	0.8	自动 Automatic	30-60	16-20	5.5	60-68%
HHT800-2000A	2000	800	11.5	自动 Automatic	0.4-0.6	0.8	自动 Automatic	30-60	35-40	18.5	60-68%

注：处理能力为干固体 t/h；泥饼含水率为隔膜机型参考值

Note: Processing capacity is calculated on dry solid t/h. Cake moisture is the reference value for diaphragm- type filter press.



脱水/尾砂/回收/三合一机

Fine- Sand Recovery & Dewatering Integrated Machine



产品描述

新型洗砂机是公司在长期的实验经验中,规避了以前洗砂机、脱水机、尾砂回收机,分开采购分体使用的高成本高维修率的烦恼,粗砂、细砂脱离,不均匀、不干净的状况,提供了最新独特设计理念和办法,集洗砂、脱水、尾砂回收于一体,提供更干净的洗砂效果、细中、细砂更匀称,级配效果更好,为机制砂、洗砂行业客户提供了更好更高的效益,极为简便、实用、价值突出。

工作原理

浆料废水由渣浆泵输送至水力旋流器内部,利用离心沉降原理完成粗细物料分级分离。细砂颗粒在旋流器离心力作用下向下沉降,经旋流器沉砂口排入直线脱水筛;泥浆、泥灰等细泥杂质从旋流器溢流口排出。落入脱水筛的含砂物料,通过高频振动进行固液分离,水分透过筛网流出,砂料在筛面向前输送,最终得到低含水率成品细砂。设备同步实现尾砂提取回收、物料脱水、泥浆分级处理三道工序,完成尾砂资源化利用。

Product Description

The new sand washing machine is our company's long-term experimental experience, avoiding the previous sand washing machine, dehydrator, tailings recovery machine, high cost and high maintenance rate for separate procurement and split use, separation of coarse sand and fine sand, uneven and unclean conditions provide the latest unique design concept and method, which integrates cleaner sand washing, dehydration and tail washing. Sand is recycled into a whole, providing cleaner sand washing effect, more symmetrical coarse, medium and fine sand and better grading effect.

Working Principle

Slurry wastewater is pumped into the hydrocyclone by a slurry pump. Classification and separation of coarse and fine materials are realized by centrifugal sedimentation. Driven by centrifugal force inside the hydrocyclone, fine- sand particles settle down and discharge through the cyclone underflow outlet onto the linear dewatering screen, while slurry and fine mud impurities flow out from the cyclone overflow outlet. Sand- bearing materials falling onto the dewatering screen achieve solid- liquid separation under high- frequency vibration. Water passes through the screen mesh, and sand is conveyed forward along the screen surface to produce fine- sand products with low moisture content. The equipment completes three processes simultaneously: tailings recovery, material dewatering and slurry classification, so as to realize resource utilization of tailings.



脱水/尾砂/回收/三合一机

Fine- Sand Recovery & Dewatering Integrated Machine

产品优势和特点

1. 三合一集成设计: 集细砂回收、泥浆分级、物料脱水于一体, 替代多台单机, 投资省、占地面积小。
2. 细砂回收率高: 最高可回收85%细颗粒, 减少细砂流失, 提升成品产量。
3. 脱水效果优异: 出料含水率低, 物料可直接堆存外运, 大幅减少沉淀池土建及清淤作业。
4. 运行稳定易维护: 配置耐磨旋流器、重型脱水筛, 易损件寿命长, 故障率低。
5. 适用工况广泛, 兼顾人工制砂细砂回收与选矿尾矿干排, 可处理尾矿、盾构泥浆、煤泥等物料。
6. 节能环保, 废水可循环利用, 泥浆排放量减少, 满足环保要求。
7. 模块化结构, 安装调试简单, 可根据现场调节产量与砂子细度。

Advantages and Features

1. 3- in- one integrated unit: Combines fine- sand recovery, slurry classification and dewatering. Replaces multiple machines with lower investment and smaller footprint.
2. High fine- particle recovery: Recovers up to 85% fine particles to reduce sand loss and increase output.
3. Good dewatering effect: Low- moisture output for direct stacking and transport, reducing sediment- pond construction and dredging.
4. Stable & easy- maintenance: Fitted with wear- resistant hydrocyclone and heavy- duty dewatering screen, long- life wear parts and low failure rate.
5. Wide application: For artificial sand production and tailings dewatering, handles ore tailings, shield slurry, coal slime etc.
6. Energy- saving & eco- friendly: Recyclable wastewater, less slurry discharge to meet environmental standards.
7. Modular structure: Simple installation and commissioning; capacity and sand fineness are adjustable on- site.

主要技术参数 (Main technical parameters)

型号 Model	电机功率 Power (kw)	入选粒度 Selected granularity (mm)	砂处理能力 Sand capacity (t/h)	水处理量 Water flow (m³/h)	外形尺寸 Overall dimension (mm)	设备重量 Weight (t)
SHY1535	37	≤10	40-70	60-100	7200×2600×3000	12.5
SHY1840	56	≤10	80-120	80-160	8500×2800×3300	16.2
SHY2040	66	≤10	150-180	180-200	8500×3200×3400	19.8
SHY2445	111	≤10	200-250	200-250	8500×3200×3300	26.5

注: 处理砂量、水量为参考值, 取决于物料特性、进料浓度; 入选粒度可根据工况定制调整; 不包含配套水泵、管道等附属设备。

Remarks: Sand capacity and water flow are for reference only, depending on material property and feed concentration. Feed particle size can be customized according to working conditions. Water pumps, pipelines and auxiliary parts are not included.

脱水筛

Dewatering Screen



产品描述

TS 系列脱水筛专为浆状物料脱水、脱介、脱泥研发，筛箱近似直线运动。
动力分为小机型振动电机直驱，及普通电机经联轴器驱动激振器两种。
筛面可选不锈钢、尼龙、聚氨酯材质。
支持支座式、吊挂式、吊座结合安装，无特殊要求默认支座式。
适用于尾砂处理、洗煤、水洗石英砂、泥浆脱水等脱泥脱水工况。

工作原理

采用双电机自同步技术，两台电机同步反向旋转，偏心块产生的离心力横向抵消、纵向叠加，驱动筛箱做近似直线往复振动。浆状物料在筛面上向前跳跃输送，水分透过筛面排出，实现物料脱水、脱泥、脱介。

Product Description

TS Series Dewatering Screen is developed for dewatering, medium- removal and desliming of slurry materials, with approx linear motion of screen box.
Two drive types: direct vibration- motor drive (small models), or normal motor driving vibrator through coupling.
Screen deck materials: stainless steel, nylon, polyurethane for option.
Installation: base- mounted, suspension- mounted, combined type. Base- mounted is default unless specified.
Suitable for tailings disposal, coal washing, washed quartz sand, slurry dewatering and similar desliming & dewatering applications.

Working Principle

Adopting dual- motor self- synchronization technology. Two motors rotate reversely and synchronously.
Centrifugal force from eccentric blocks counteracts horizontally and superposes vertically, driving the screen box for approximate linear reciprocating vibration. Slurry materials leap forward on the screen deck, water drains through sieve plates to realize dewatering, desliming and medium- removal.

脱水筛

Dewatering Screen

产品优势和特点

结构紧凑，整机刚度与各部强度大
相对体积小，单位面积处理能力大，便于系统工艺布置
相对耗能少，脱水率高
安装与调试方便，运行可靠，操作维修简便
筛面结构与类型模块化设计，更换方便

Advantages and Features

Compact structure with high overall rigidity and component strength.
Small footprint and high processing capacity per unit area, convenient for process layout.
Low energy consumption and high dewatering efficiency.
Easy installation & commissioning, reliable operation, simple operation and maintenance.
Modular- designed screen deck for convenient replacement.

主要技术参数 (Main technical parameters)

型号 Model	筛面面积 Sieving Size (mm)	电机功率(kW) Motor Power(kW)	激振力(kN) Vibration Force(kN)	处理量 Capacity(t/h)	整机重量(t) Total Weight(t)
TS1630	4.8	2.2*2	24	40-80	3.2
TS1840	7.2	3.7*2	36	80-120	4.5
TS2040	8.0	5.5*2	48	150-200	5.8
TS2450	12.0	11*2	72	200-250	8.5
TS3050	15.0	15*2	90	260-300	11.2

注：1. 处理能力为标准工况参考值，实际产量受物料粒度、泥浆浓度、筛面材质影响
2. 设备可适配支座式、吊挂式、吊座结合三种安装方式，无特殊要求默认支座式
3. 筛面可选不锈钢、尼龙、聚氨酯材质，可按需定制
4. 可接受非标规格定制

1. The capacity is for reference only under standard working conditions. Actual output depends on material size, slurry concentration and screen deck material.
2. Three installation types are available: base-mounted, suspension-mounted, and combined type. Base-mounted is default unless specified.
3. Screen deck materials: stainless steel, nylon, polyurethane for option, custom-made available.
4. Non-standard specifications are acceptable.

链条挖斗提升机

Chain bucket elevator



产品描述

挖斗式洗砂机由采砂船链斗装置演变而来，设备造价低、砂石提升高度大、脱水效果好，处理量可通过料斗规格调节，整机功耗小。

针对轮式洗砂机细砂流失严重的痛点，该机可有效提高细砂回收率。设备结构合理、检修方便，处理量大、洗净度高、细砂流失少。

广泛用于砂石厂、建筑工地、铁路、高速、高架桥、混凝土搅拌站、水电站大坝等对砂石品质要求较高的工程。

工作原理

电机 + 减速机驱动头部链轮，带动闭环链条循环运转；底部料斗直接挖取砂石物料，垂直向上输送；到机头位置靠重力 / 离心力卸料，物料从出料口落入下一道设备（筛分、料仓），链条循环回到底部继续挖料。

Product Description

Evolved from sand- dredger chain- bucket structure, the bucket- type sand washer features low cost, high lifting height, good dewatering effect and adjustable capacity by bucket size with low power consumption.

It solves heavy fine- sand loss of wheel sand washers with high fine- sand recovery. It has reasonable structure, easy maintenance, large capacity, high cleaning degree and little fine- sand loss.

Widely applied in sand plants, construction sites, railway, highway, viaduct, concrete batching plant, hydropower dam and other projects requiring high- quality sand.

Working Principle

Driven by motor and reducer, the head sprocket drives the closed- loop chain for cyclic operation. The bottom buckets scoop sand and gravel materials and convey them vertically upward. At the head section, materials are discharged by gravity / centrifugal force, then fall through the discharge outlet to downstream equipment (screener, silo). The chain circulates back to the bottom for re- scooping.

链条挖斗提升机

Chain bucket elevator

产品优势 and 特点

处理量大
单机产量上限可达500吨/小时，满足广大客户的洗沙需求；
机器投资少，功率低，耗电少，节省生产成本。

沙子流失小
洗砂过程中沙子流失较小，尤其是转动部分均与水、沙隔离。

多重功能
该设备兼有提升，清洗，脱水三种功能，可在水流下完成清洗、除杂功能。

寿命较长
该设备使用寿命较长，其故障率低于目前常用的砂石设备。

Advantages and Features

Large Processing Capacity
Maximum single- unit output reaches 500 tons per hour to meet sand- washing demands. Low investment and power rating reduce power consumption and production costs.

Low Sand Loss
Minimal sand loss during washing. Rotating components are isolated from water and sand.

Multi- function
Integrates lifting, washing and dewatering. It completes cleaning and impurity removal under water flow.

Long Service Life
Long service life with lower failure rate than conventional sand- gravel equipment.

主要技术参数 (Main technical parameters)

型号 Model	电机功率 Motor Power	处理量 Capacity(t/h)	整机重量 Total Weight(t)
400	22KW	80-120	16
500	30KW	120-160	20
600	37KW	150-200	22
800	45KW	200-300	26
1000	37KW*2	400-450	30
1200	45KW*2	450-550	36
1400	55KW*2	600-700	42

注：1.400、500、1400 为定制规格，600- 1200 为常规标准机型。

2.设备参数以12 米提升高度为基准；提升高度发生变化时，整机重量、装机尺寸随之变动。

3.高度每增减 1 米，整机重量约 ±1.2t；设备建议使用提升高度不低于 8 米。

4.可选配置：高锰钢耐磨链条料斗、底部自动张紧机构、变频调速系统、出口重防腐涂装。

5.本设备为砂石湿料链斗提沙设备，不适用于干粉物料提升。英文

Models 400, 500 and 1400 are custom- made, while 600- 1200 are standard models. Parameters are based on standard lifting height of 12m, weight and dimension will change with lifting height.

Total weight changes by approx. ±1.2t per meter height adjustment. The recommended minimum lifting height is 8m.

Optional accessories: High- manganese steel chains & buckets, automatic tension device, variable frequency speed control, heavy- duty anti- corrosion coating for export.

This machine is designed for wet sand & aggregate, not suitable for dry powder materials.



轮式洗砂机

Wheel Sand Washer



产品描述

洗砂机是完成机制砂、自然砂洗选作业的重要设备,主要应用于建筑工地、砂石厂、玻璃厂、水电站、混凝土大坝工地、邮电电厂等行业,是海砂、石英砂、油井回填压力砂等多种砂石生产中洗选、分级、脱水处理的重要设备,衡阳通卓所生产的洗砂机具有砂子流失少、洗净度高、处理速度快、处理量大等特点,在国内同类产品中处于先进水平。具有以下特点:节水节能,除尘、除杂质、除细粉,无污染。结构简单合理、维修方便、除筛网外无易损件,寿命长。洗净度高,处理速度快,处理能力强,产量高,综合效益高。

Product Description

The wheel washer agitates sand in a water trough to remove impurities. It offers simple construction, reliable sealing, low fine-sand loss, useful capacity and convenient maintenance.

主要技术参数 (Main technical parameters)

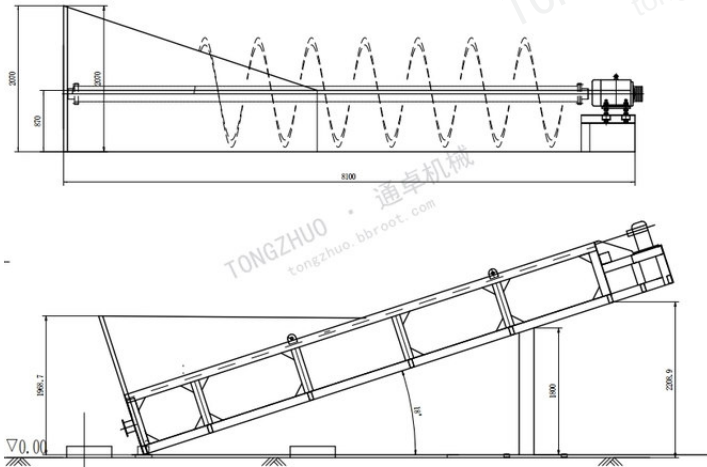
型号 Model	叶轮直径 Impeller diameter (mm)	入选粒度 Selected granularity (mm)	处理能力 Processing capacity (t/h)	电机功率 Motor power (kW)	重量 Weight (kg)
YL3010	3000	30	50-60	7.5	3000
YL3016	3000	30	80-100	11	5000
YL3018	3000	30	150-180	15	8000
YL3020	3000	30	200-230	22	10000
YL2440	4000	30	150-200	22	12000

注: 技术数据如有变动, 恕不另行通知。 Note: Any change of technical data shall not be advised additionally.



螺旋洗砂机

Spiral Sand Washer



产品描述

螺旋洗砂机主要应用于冶金、建材、水电等行业的洗选、脱泥、分级、除杂等作业,适用于中细粒度和粗粒度物料的洗选作业。衡阳通卓螺旋洗砂机具有实用性、适用性强等优点,在国内同类产品中处于先进地位。

Product Description

The spiral washer is used for washing, dewatering, classifying and impurity removal. It provides high cleaning efficiency, low power use, large capacity and low sand loss.

主要技术参数 (Main technical parameters)

型号 Model	螺旋数量 Spirals	螺旋直径 Diameter	水槽长度 Trough	入选粒度 Feed	处理能力 Capacity	螺旋转速 Speed	功率 Power	耗水量 Water	重量 Weight	外形尺寸 Dimension
LSX-920	1	920	7585	<=10	100	21	11	10-80	6.2	8420x2810x3960
2LSX-920	2	920	7585	<=10	200	21	2x11	20-160	11.5	8420x3970x3960
LSX-1120	1	1120	9750	<=10	175	17	18.5	20-150	10.9	10770x3950x4860
2LSX-1120	2	1120	9750	<=10	350	17	2x18.5	40-300	17.8	10770x5260x4860

注: 技术数据如有变动, 恕不另行通知。 Note: Any change of technical data shall not be advised additionally.



皮带输送机

Belt Conveyor



产品描述

皮带输送机输送量大、结构简单、维护方便、部件标准化，广泛用于矿山、冶金、煤炭等行业输送散状和成件物品，可组成单机或多机输送系统。

Product Description

The belt conveyor provides large capacity, simple construction, standardized parts and convenient maintenance. It can operate alone or as part of horizontal and inclined conveying systems.

产品优势和特点

输送量大、结构简单、维护方便、部件标准化。

主要技术参数 (Main technical parameters)

胶带宽度 Belt Width	长度/功率 1	长度/功率 11	长度/功率 111	输送速度 Belt Speed	输出产量 Capacity (t/h)
B400	<=12/5.5	12-20/2.2-4	20-25/3.5-7.5	1.3-1.6	40-80
B500	<=12/3	12-20/4-5.5	20-30/5.5-7.5	1.3-1.6	80-190
B650	<=12/4	12-20/5.5	20-30/7.5-11	1.3-1.6	150-320
B800	<=6/4	6-15/5.5	15-30/7.5-15	1.3-1.6	280-550
B1000	<=10/5.5	10-20/7.5-11	20-40/11-12	1.3-2	440-850
B1200	<=10/7.5	10-20/11	20-40/15-30	1.3-2	660-1200

注：技术数据如有变动，恕不另行通知。 Note: Any change of technical data shall not be advised additionally.



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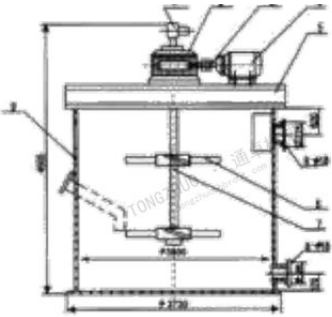
Agitation Tank

产品原理和优势

优势:筒体内衬高耐磨橡胶,防腐耐磨性能强叶轮设计矿浆搅拌能力强;运转稳定,维修方便。轮下端排出,在叶轮腔形成负压,使矿浆从搅拌槽叶轮上面流入叶轮腔加以补充。同时,在稳流板的导流作用下,矿浆在槽内形成中心向下、四周向上的垂直循环流。当矿浆的上升流速大于矿粒的沉降速度时,矿浆中的矿粒便呈悬浮状态,并保持均匀的浓度

Product Description

The agitation tank uses a wear-resistant lining and a high-capacity impeller. Stable circulation keeps slurry uniform and supports convenient maintenance.



- 1.直角吹气
- 2.减速机
- 3.联轴器
- 4.电动机
- 5.横梁支架
- 6.搅拌叶轮
- 7.主轴
- 8.槽体

主要技术参数 (Main technical parameters)

型号 Model	有效容积 Volume (m³)	叶轮转速 Speed (r/min)	叶轮直径 Diameter (mm)	电机型号 Motor Model	电机功率 Power (kW)	重量 Weight (kg)
BJ-500x500	0.0765	493	160	Y80L-4	0.55	120
BJ-750x750	0.26	530	240	Y100L-6	1.5	240
BJ-1000x1000	0.58	530	310	Y100L-6	1.5	680
BJ-1500x1500	2.2	320	400	Y132S-6	3	790
BJ-1600x1800	2.6	331	400	Y132M2-6	5.5	990
BJ-2000x2000	4.4	230	550	Y132M2-6	5.5	1800
BJ-2500x2500	9.2	230	630	Y160M-6	7.5	2766
BJ-3000x3000	14.8	210	700	Y225S-8	18.5	4613
BJ-3500x3500	24	230	850	Y225M-8	22	5980
BJ-4000x4000	45	153	1000	Y250M-8	30	8910

注：技术数据如有变动，恕不另行通知。 Note: Any change of technical data shall not be advised additionally.

螺旋溜槽

Screw Chute

产品描述优势

螺旋溜槽利用矿浆在螺旋回转运动中产生的惯性离心力，按矿物密度进行分选。设备选别范围宽、富集比高、回收率高，无需动力。

Product Description

A gravity separator divides minerals of different density using inertial centrifugal force generated by pulp moving through the helical chute. It provides a wide separation range, high enrichment and no power requirement.

Working Principle

Ore slurry forms layers as it moves down the spiral. Heavy particles settle and move toward the inner edge; light particles remain nearer the outer edge and leave through separate discharge ports.



主要技术参数 (Main technical parameters)

型号 Model	BLL-2000	BLL-1500	BLL-1200	BLL-900
螺旋外径 Outside Diameter (mm)	2000	1500	1200	900
螺距 Screw Pitch (mm)	1200	900, 675	900, 720, 540	675, 540, 405
距径比 Pitch Diameter Ratio	0.6	0.48, 0.36	0.75, 0.6, 0.45	0.75, 0.6, 0.45
横向倾角 Lateral Dip Angle	9°	9°	9°	9°
安装螺旋头数 Max. Screw Numbers	4-2	4-2	4-2	4-2
给矿粒度 Feed Size (mm)	2.00-0.04	0.8-0.037	0.3-0.03	0.3-0.03
给矿浓度 Feed Density (%)	30-56	30-56	25-55	25-55
生产能力 Capacity (t/h)	7-10	6-8	4-6	2-3
外形长度 Length (mm)	2120	1600	1300	1060
外形宽度 Width (mm)	2120	1600	1360	1060

注：技术数据如有变动，恕不另行通知。 Note: Any change of technical data shall not be advised additionally.

脉冲单机袋式除尘器

DMC Pulse Bag Dust Catcher



产品描述

DMC型脉冲单机袋式除尘器是一种小型袋式除尘器,在吸收国内外同类产品优点的基础上设计而成。除尘器采用先进的在线脉冲喷吹技术,清灰彻底,运行阻力低;优质的配件,保证了除尘的高效;完全自动控制,运转效率高,检修方便。该除尘器净化效率高,滤袋寿命长,维修工作量大,运作安全可靠,是机顶和机底等分散扬尘点的首选除尘设备,可广泛用于各种破碎、筛分设备粉尘的净化。

Product Description

The compact DMC pulse bag dust catcher uses advanced online pulse cleaning for thorough dust removal and low resistance. It provides automatic operation, long service life and convenient maintenance.

主要技术参数 (Main technical parameters)

型号 Model	处理风量 Wind Capacity	过滤面积 Area	过滤风速 Speed	滤袋数量 Bags	设备阻力 Resistance	入口含尘 Inlet Dust	出口含尘 Outlet Dust	压力 Pressure	承受压力 Bearing	耗气量 Air Use	风机功率 Blower	电磁阀数量 Valves
DMC-32	1500-2100	24	1-1.5	32	<=1200	<200	<50	0.4-0.6	5000	0.10	15	4
DMC-48	2100-3200	36	1-1.5	48	<=1200	<200	<50	0.4-0.6	5000	0.14	30	6
DMC-64	2900-4300	48	1-1.5	64	<=1200	<200	<50	0.4-0.6	5000	0.20	30	8
DMC-80	4000-6000	60	1-1.7	80	<=1200	<200	<50	0.4-0.6	5000	0.24	55	10
DMC-96	5200-7000	72	1.2-1.7	96	<=1200	<200	<50	0.4-0.6	5000	0.29	55	12
DMC-112	6000-9000	84	1.2-1.8	112	<=1200	<200	<50	0.4-0.6	5000	0.34	75	14
DMC-120	10800-21600	96	1.5-4	120	<=1200	<200	<50	0.4-0.6	5000	0.45	75	20

注：技术数据如有变动，恕不另行通知。 Note: Any change of technical data shall not be advised additionally.

GS 滚筒筛

GS Trommel

产品优势和特点

- 1.采用滚动输送原理,摩擦系数小,磨损轻,筛孔不易堵塞。
- 2.滚筒支承采用整体通轴结构,运行平稳,不振动,噪声低。
- 3.内部滚筒筛网配件采用分体设计,结构简单,更换维修快捷方便。
- 4.滚筒体采用有效的全密封结构不扬尘,不污染。
- 5.运行安全可靠,采用减速传动,传动效率高,配带功率小,能耗低,节能效果明显
- 6.可按客户要求采用不同筛网材质,筛孔尺寸,筛分效率高,使用寿命长,维护成本低。

Advantages and Features

Rolling conveyance reduces friction and blockage. The through-shaft support runs smoothly with low vibration and noise. Split screens simplify replacement, while the sealed cylinder and reduction drive improve cleanliness and energy efficiency.



主要技术参数 (Main technical parameters)

型号 Model	通过量 Throughput(t/h)	功率 Power	筛筒直径 Diameter	筛筒长度 Length	入料粒度 Feed	筛下粒度 Under	重量 Weight
GTS1020	50	3.0	1000	2000	<=300	0-100	2200
GTS1030	100	4.0	1000	3000	<=300	0-100	2600
GTS1240	150	5.5	1200	4000	<=300	0-100	4200
GTS1550	200	7.5	1500	5000	<=300	0-100	5100
GTS1560	300	11	1500	6000	<=300	0-100	6000
GTS1860	300	15	1800	6000	<=400	0-100	7500
GTS2075	400	22	2000	7500	<=400	0-100	9600
GTS2285	400	30	2200	8500	<=400	0-100	12800

注：技术数据如有变动，恕不另行通知。 Note: Any change of technical data shall not be advised additionally.

高细转子式选粉机

Super-fine Rotor Style Powder Separator



产品描述

K系列高细转子式选粉机是我公司技术人员在转子式选粉机的基础上,将平面涡流理论较好的运用在旋风式选粉机的基础上,经过多年的研究而开发出来的一种外部循环式带转子的改进型选粉机。经实践使用证明,选粉效率达85%以上,而且细度调节方便、灵活,可靠性高。

Product Description

The KX Series super-fine rotor powder separator was developed by optimizing advanced domestic and international technology. Practical operation shows a separation efficiency of more than 85%, while fineness can be adjusted easily and flexibly with high reliability.



主要技术参数 (Main technical parameters)

型号 Model	磨机直径 Mill Dia.	主轴转速 Speed	生产能力 Capacity	产品细度 Fineness	主轴电机型号 Motor	功率 Power	调整范围 Range	风机型号 Blower	风机转速 Speed	风压 Pressure	风量 Wind	功率 Power
KX500	Φ1.83	190-380	21-28	8%-10%	YCTL225-4A	11	125-1250	KXJF-No8C	1680	2494	29668	30
KX600	Φ2.2	150-350	30-35	8%-10%	YCTL225-4B	15	125-1250	KXJF-No10C	1200	2400	34996	37
KX700	Φ2.4	130-320	35-46	8%-10%	YCTL225-4C	18.5	132-1320	KXJF-No12.5C	1000	2390	64188	55
KX800	Φ2.6	120-290	55-65	8%-10%	YCTL280-4B	30	132-1320	KXJF-No14C	980	2548	86331	90
KX900	Φ3.0	120-280	70-86	8%-10%	YCTL225-4A	55	132-1320	KXJF-No16B	800	2456	99493	110
KX1000	Φ3.5	120-280	90-115	8%-10%	YCTL355-4B	75	132-1320	KXJF-No16B	900	2684	136430	132
KX1200	Φ3.8	120-260	120-180	8%-10%	Y380M-4	90	120-1480	KXJF-No20B	660	2771	165164	160

注：技术数据如有变动，恕不另行通知。 Note: Any change of technical data shall not be advised additionally.



撕碎机

Shredder



产品描述

主要用于撕碎有一定强度的轻薄金属、废生活垃圾等,增加其堆积密度以便于运输,再利用。特点:通利双轴撕碎机通过欧盟CE认证,整机技术来源于意大利,采用微电脑(PC)自动控制,设启动、停止、反转及超载自动反转控制功能,具有低速、大转矩、低噪音等特点,轴承座采用对开型式,拆装换刀容易方便适合撕碎特大、特厚难碎物料。

1.动刀标准厚度为20mm,也有15mm,可根据物体破碎后颗粒大小来选择刀体。

2.动刀为单爪刀体,如需双爪刀体及多爪刀体用户可与业务部联系。

单爪刀体破碎物体相对较硬,双爪刀体、多爪刀体破碎物体相对较软,但效率高。

主要技术参数 (Main technical parameters)

型号 Model	T12130	T12140	T12160	T12180
A (mm)	1210	1310	2730	2930
B (mm)	1080	1080	1190	1190
C (mm)	300	400	600	800
D (mm)	430	430	510	510
H (mm)	1840	1840	1930	1930
刀体回转直径 Turning Diameter	Φ284	Φ284	Φ284	Φ284
主轴转速 Spindle Speed	17	17	15	15
动刀数量 Rotating Blades	15	20	30	40
刀体厚度 Blade Thickness	20	20	20	20
设备功率 Equipment Power	7.5	7.5	5.5+5.5	7.5+7.5
主机重量 Main Engine Weight	950	1400	2200	2400

注: 技术数据如有变动, 恕不另行通知。 Note: Any change of technical data shall not be advised additionally.



给料机

Shredder



产品描述

K 型往复给料机依靠曲柄连杆机构驱动料槽做往复运动, 将仓内物料连续均匀送出。给料量可通过调节行程灵活调整, 运行稳定、维护便捷。广泛应用于煤矿、砂石骨料、建材等行业, 安装在料仓底部, 为破碎、筛分生产线稳定供料, 适合颗粒、小块松散物料输送。

Product Description

K- type Reciprocating Feeder adopts crank- link mechanism to drive the trough for reciprocating motion, delivering materials continuously and evenly from silo. The feeding capacity can be flexibly adjusted by changing stroke. Featuring stable operation and easy maintenance, it is widely used in coal mining, aggregate, building- material industries. Installed under silos, it provides steady feeding for crushing & screening production lines, suitable for granular and small- lump loose materials.

主要技术参数 (Main technical parameters)

型号 Model	K1	K2	K3	K4
给料槽宽度 Feeding trough width (mm)	500	600	800	1000
最大给料量 Max. feeding capacity (t/h)	100	200	350	600
往复行程 Reciprocating stroke (mm)	0-200 可调 adjustable	0-200 可调 adjustable	0-240 可调 adjustable	0-240 可调 adjustable
往复次数 Reciprocating frequency (time/min)	60	60	50	50
电机功率 Motor power (kW)	4	5.5	7.5	11
最大进料粒度 Max feed size (mm)	100	150	200	250
整机重量 Overall weight (t)	1.2	1.7	2.6	3.8

注: 技术数据如有变动, 恕不另行通知。 Note: Any change of technical data shall not be advised additionally.



湿法机制砂生产线

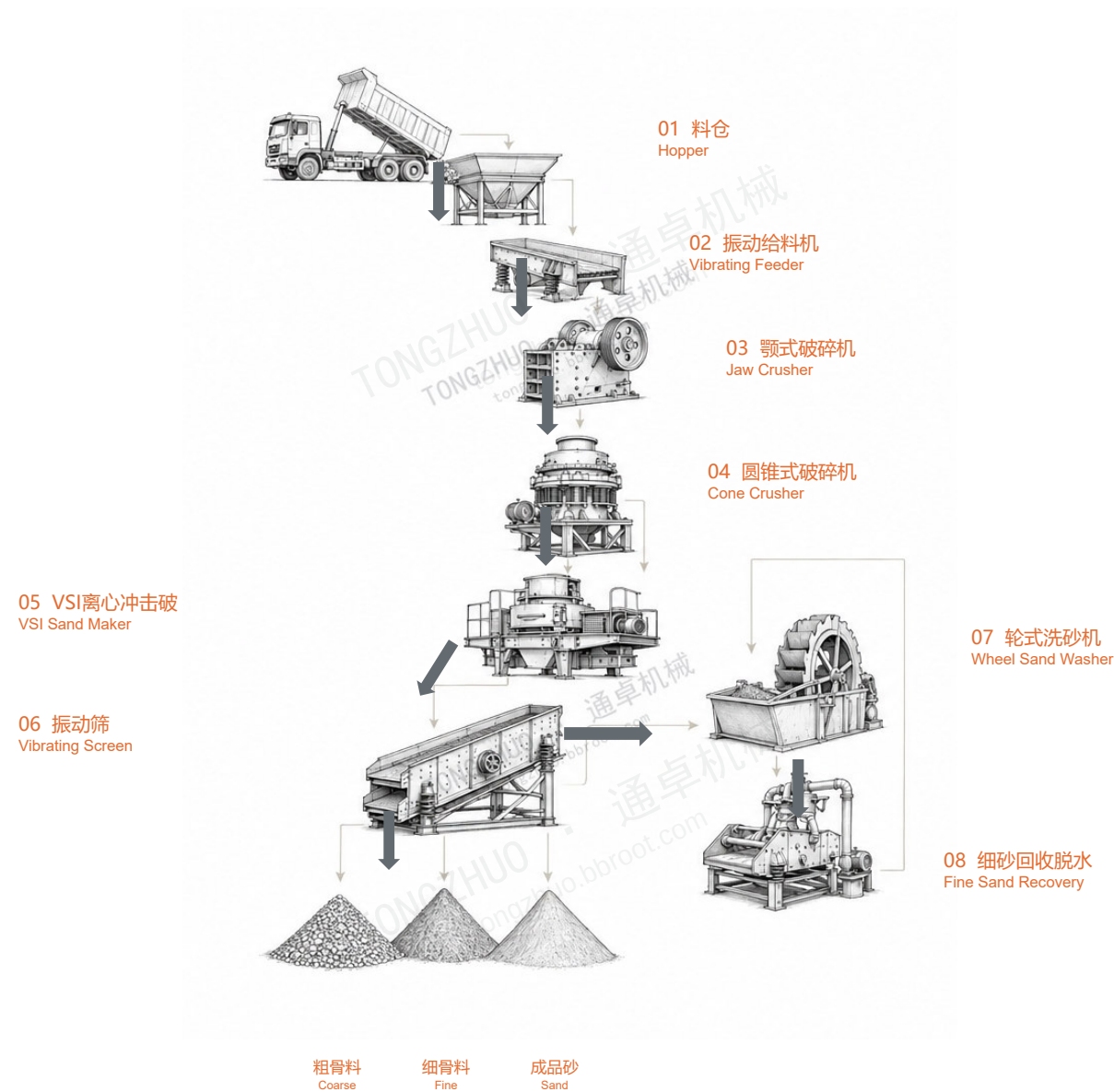
Wet Sand Making Line

产品描述

适用于河卵石、花岗岩等硬质原料制砂。洗砂、细砂回收和脱水环节可降低含泥量，并减少细砂流失。

Product Description

Designed for hard-rock sand making. Washing, fine-sand recovery and dewatering improve cleanliness and reduce fine-particle loss.



干法机制砂生产线

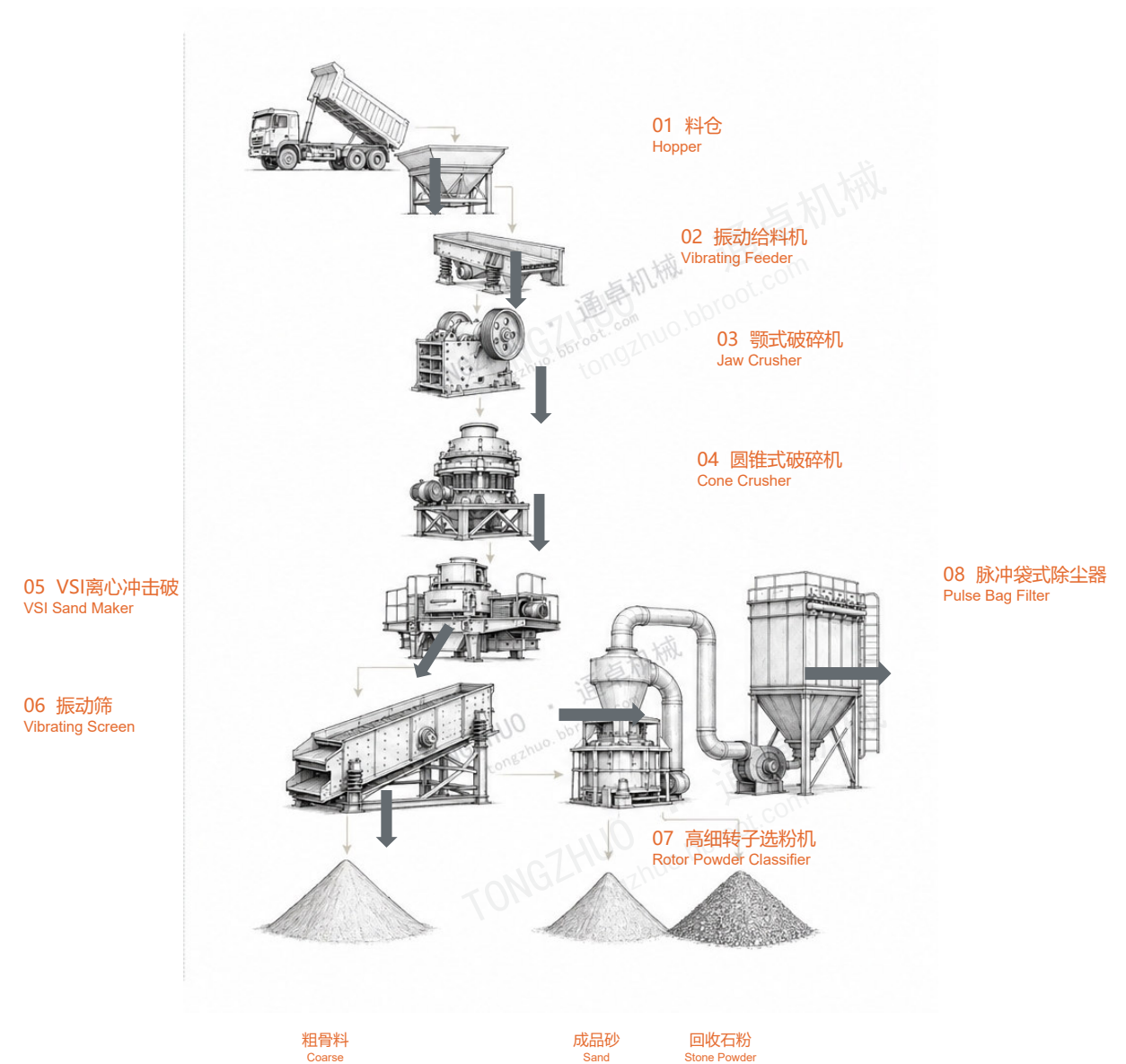
Dry Sand Making Line

产品描述

适用于缺水或环保要求较高的项目。筛分、选粉和集中除尘构成干法闭路，并回收可利用石粉。

Product Description

A dry closed circuit combines screening, powder classification and dust collection where process water is limited.





石灰石单段破碎生产线

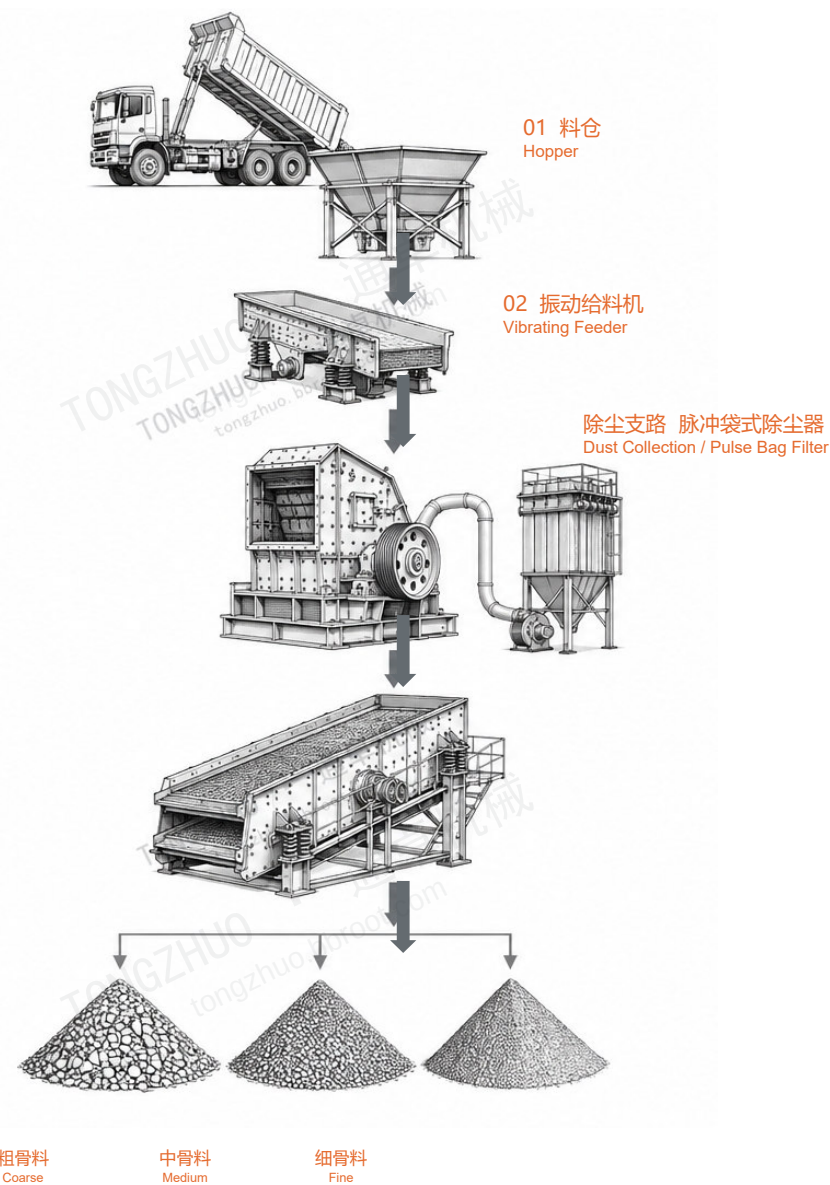
Limestone Single-stage Crushing Line

产品描述

针对中低硬度石灰石，以重锤式破碎机完成单段破碎，再经筛分获得多规格骨料，流程短、设备数量少。

Product Description

For medium-to-low hardness limestone, a heavy hammer crusher completes single-stage crushing before screening into graded aggregates.



煤炭 / 焦炭细碎筛分线

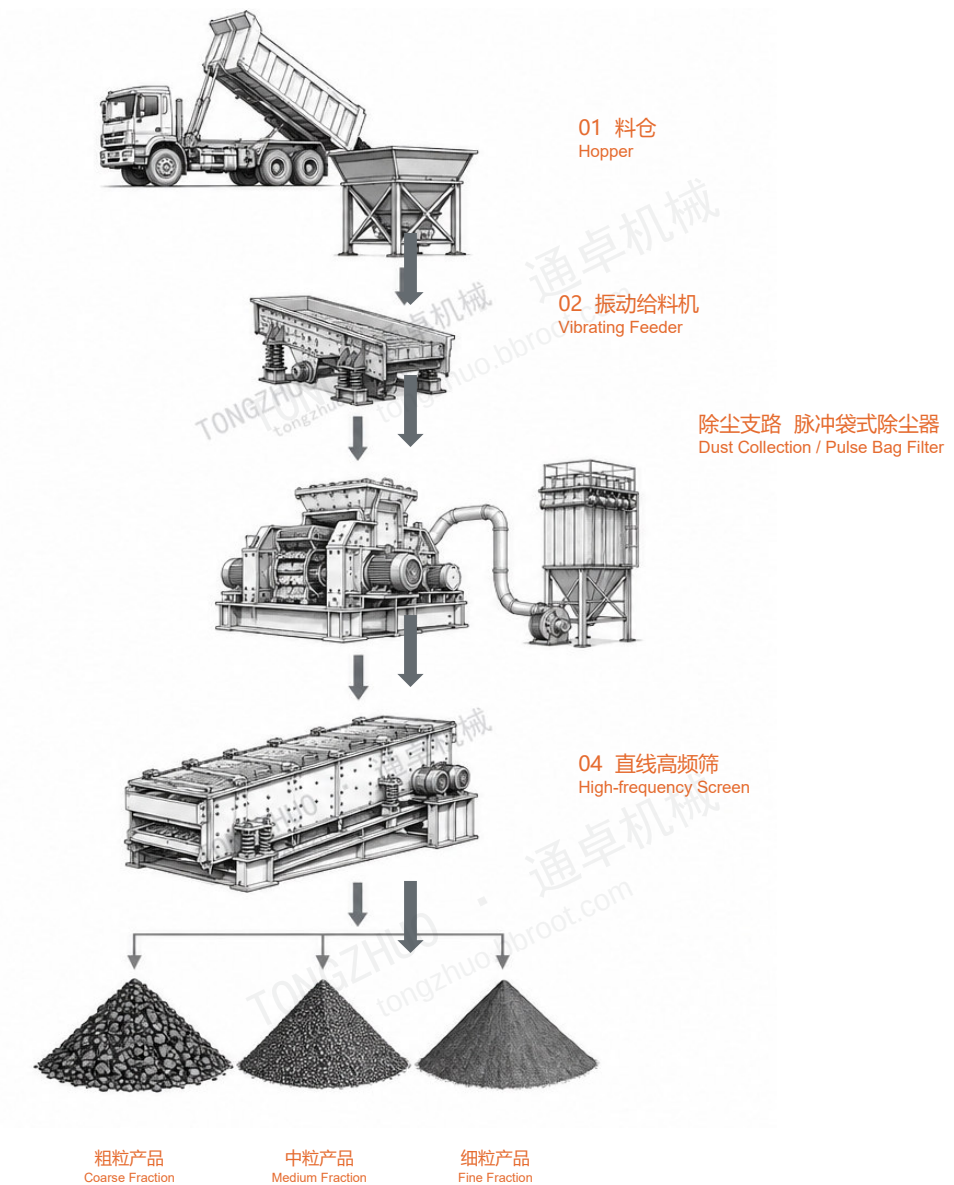
Coal / Coke Fine Crushing Line

产品描述

针对煤炭、焦炭等易碎物料，采用可逆式细碎机控制过粉碎，并通过直线高频筛完成粒级分选。

Product Description

For friable coal and coke, reversible fine crushing limits over-crushing, followed by high-frequency screening for size classification.





含泥骨料洗选生产线

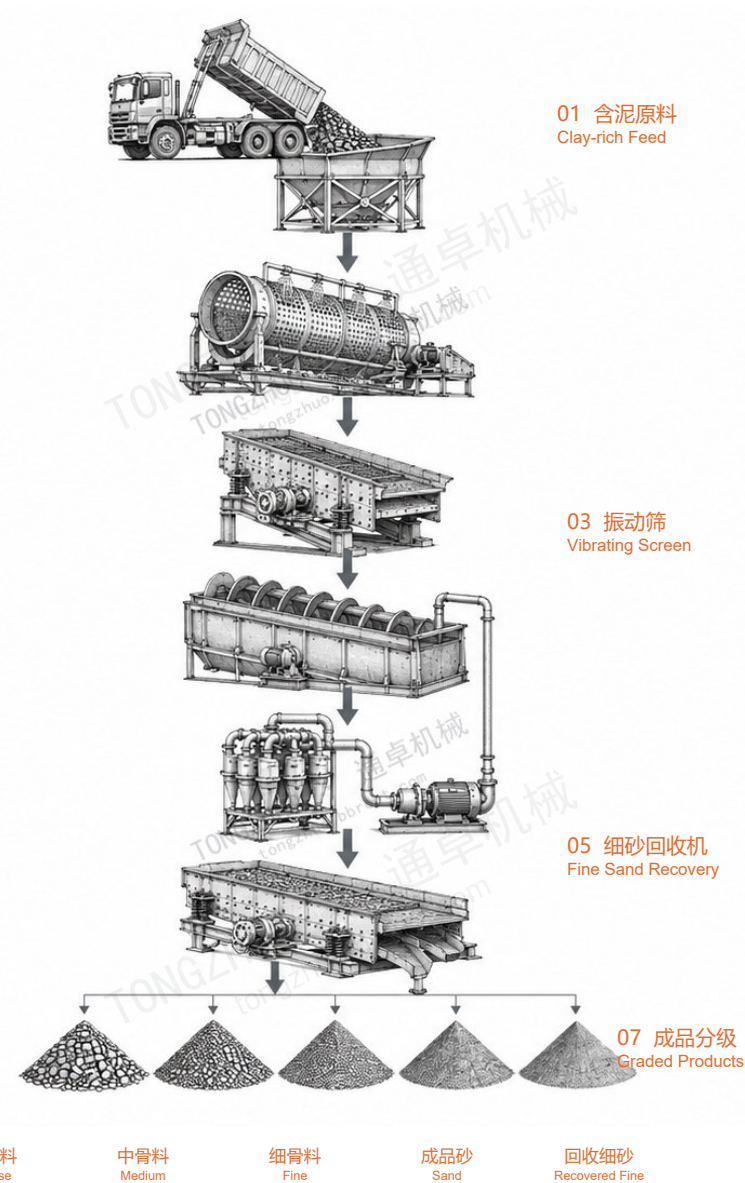
Clay-rich Aggregate Washing Line

产品描述

针对含泥量较高的矿石和砂石原料，先经滚筒洗石机解泥，再完成筛分、洗砂、细砂回收和脱水，获得清洁砂石骨料。

Product Description

Clay-rich feed is scrubbed in a trommel, then screened, washed and dewatered. Fine-sand recovery reduces material loss.



尾砂回收与水循环系统

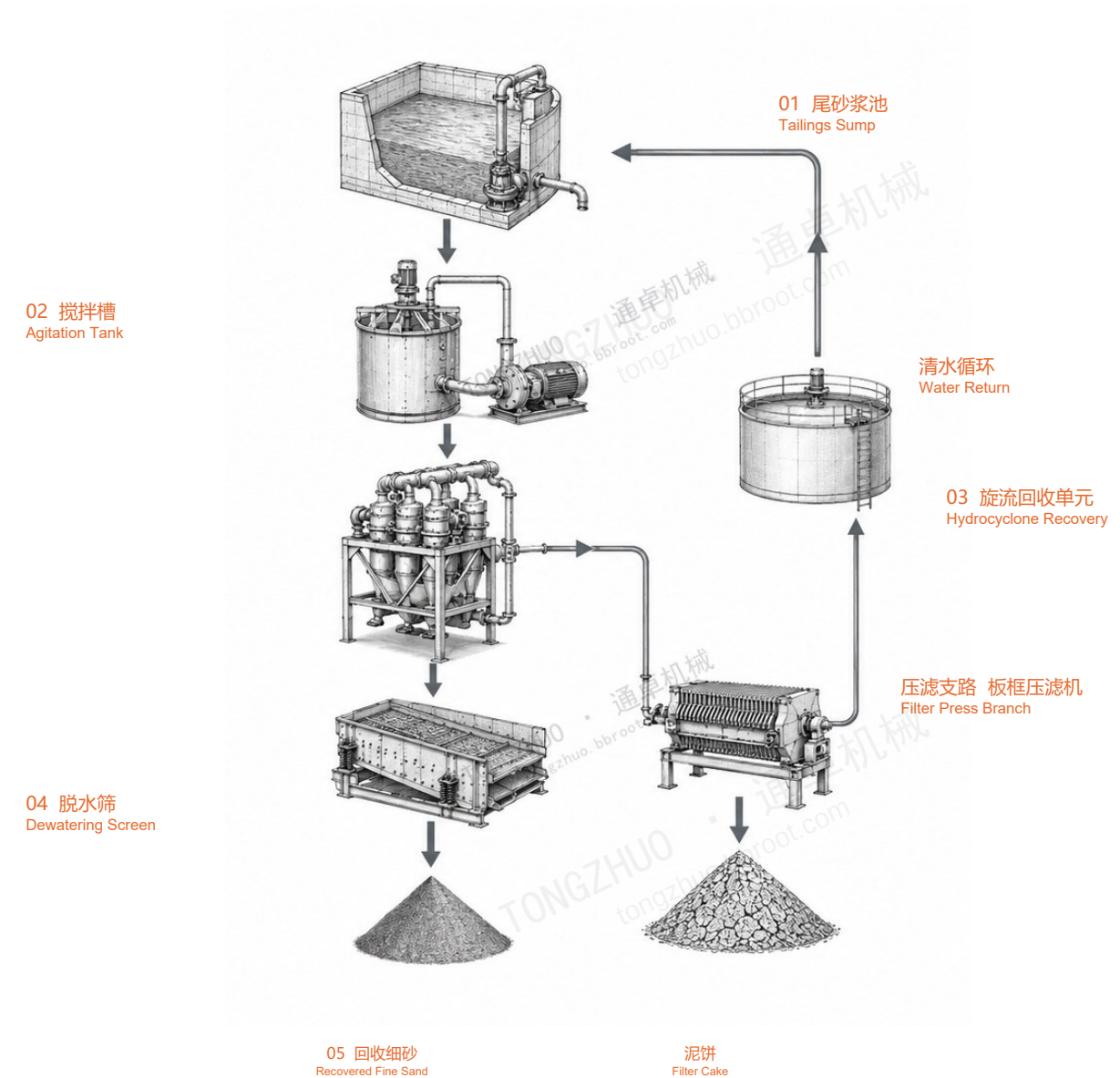
Tailings Recovery & Water Recycling

产品描述

尾砂浆经搅拌和旋流回收后脱水。细砂形成成品，细泥进入压滤机，清水返回生产系统循环使用。

Product Description

Tailings slurry is conditioned and classified before dewatering. Fine sand is recovered, filter cake is discharged and clarified water returns to the process.





铁矿磁选生产线

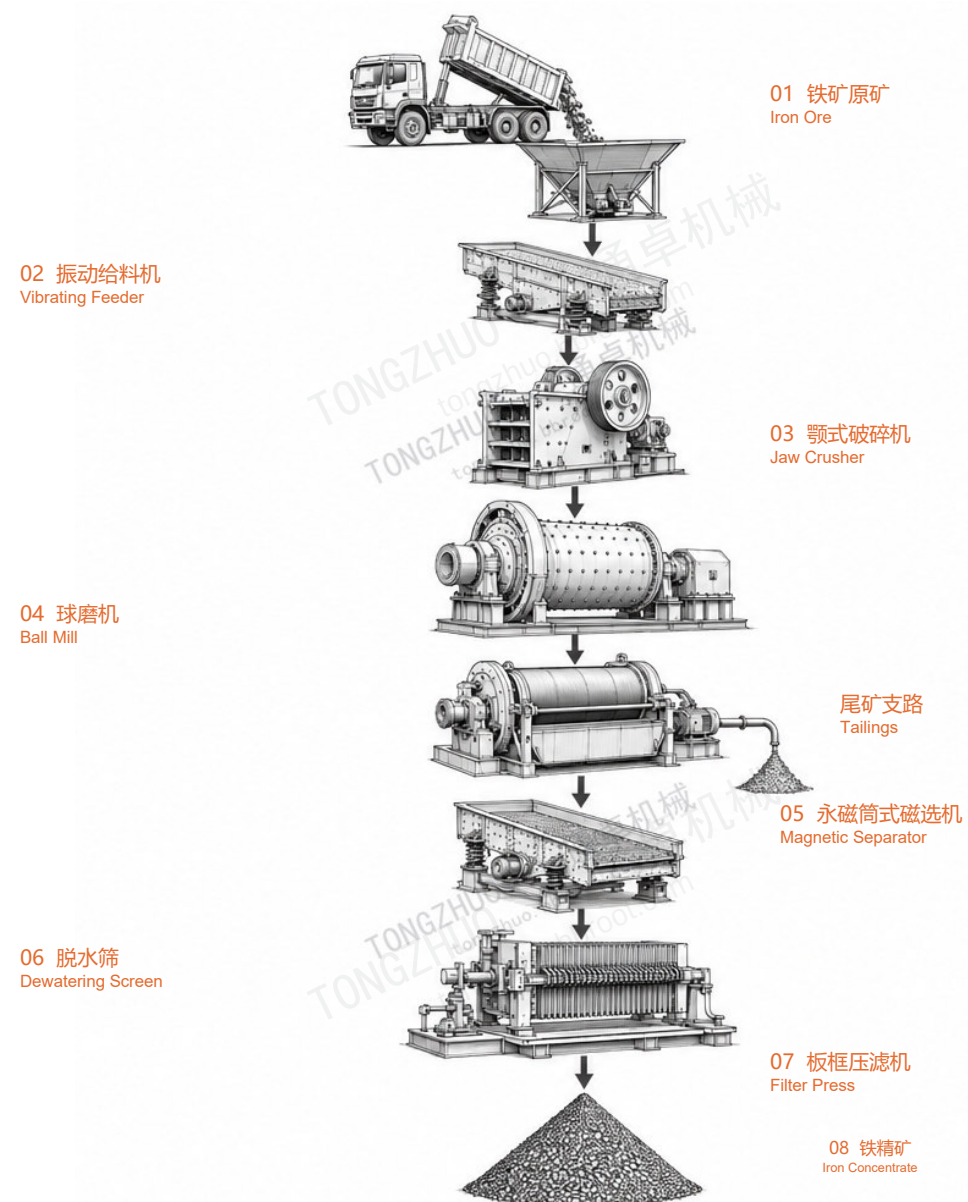
Iron Ore Magnetic Separation Line

产品描述

铁矿原矿经给料、颚破和球磨实现解离，再由永磁筒式磁选机富集磁性矿物，经脱水和压滤获得铁精矿。

Product Description

Iron ore is crushed and ground for liberation, concentrated by a permanent drum magnetic separator, then dewatered and filter-pressed.



重选选矿生产线

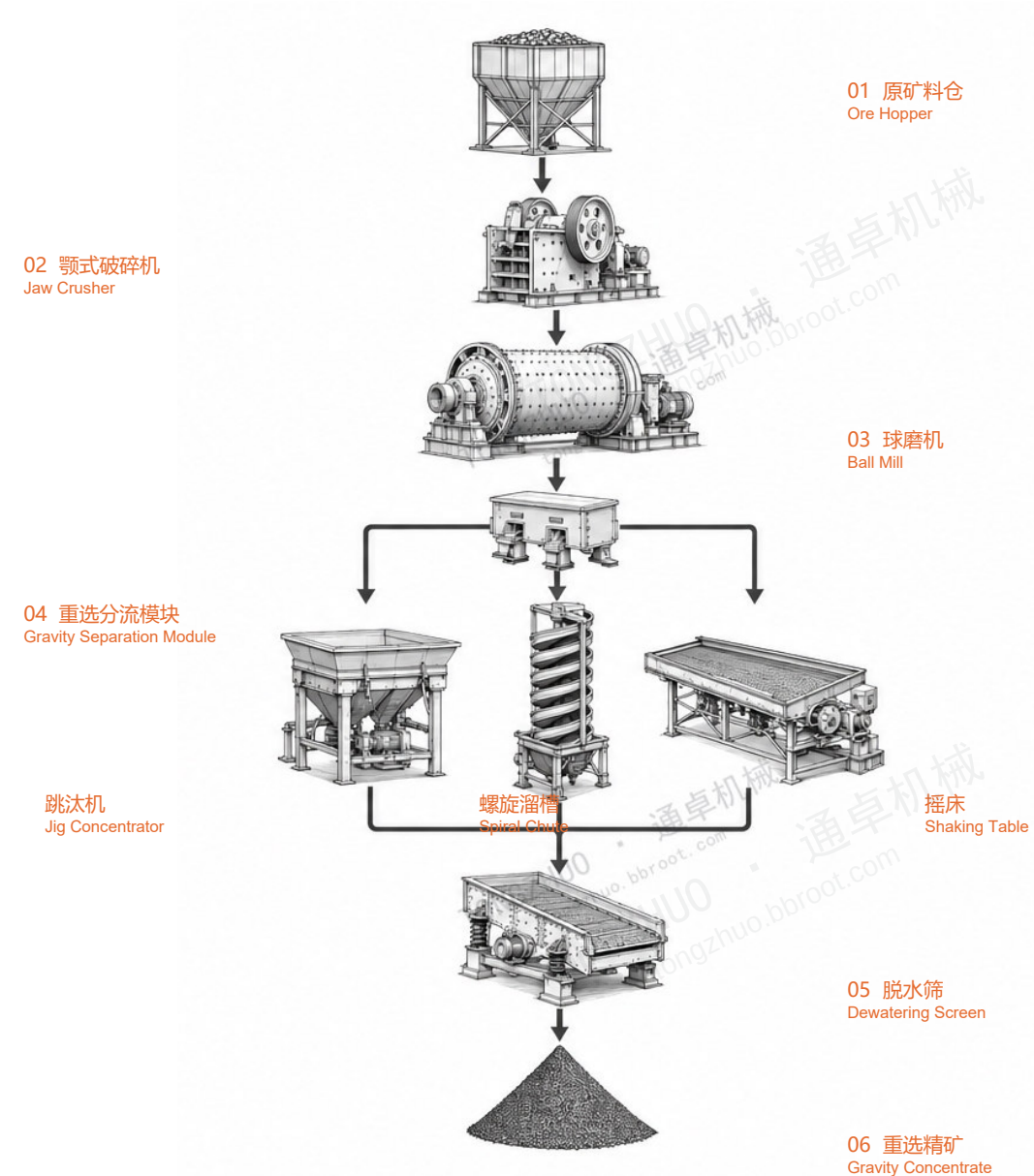
Gravity Concentration Line

产品描述

原矿破碎磨后进入重选模块，可按矿物粒度和密度差配置跳汰机、螺旋溜槽或摇床，再经脱水获得精矿。

Product Description

After crushing and grinding, the gravity module uses a jig, spiral chute or shaking table according to particle size and density contrast.





浮选选矿生产线

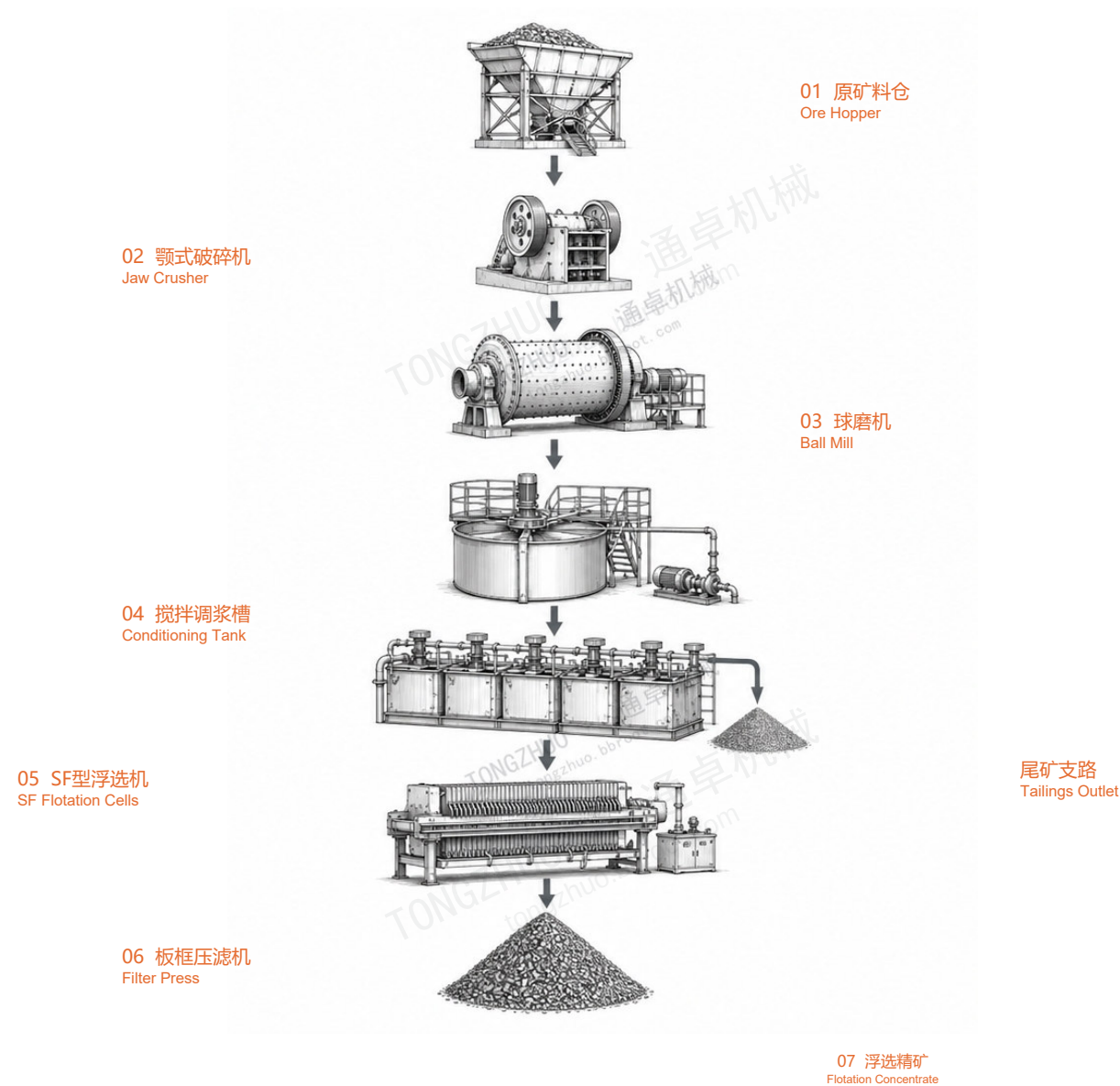
Flotation Beneficiation Line

产品描述

原矿经颚破和球磨后进入药剂调浆环节，再由SF型机械搅拌式浮选机完成分选，精矿经压滤形成最终产品。

Product Description

Crushed and ground ore is conditioned with reagents, separated in SF mechanical flotation cells and filter-pressed into concentrate.



移动式建筑固废处理线

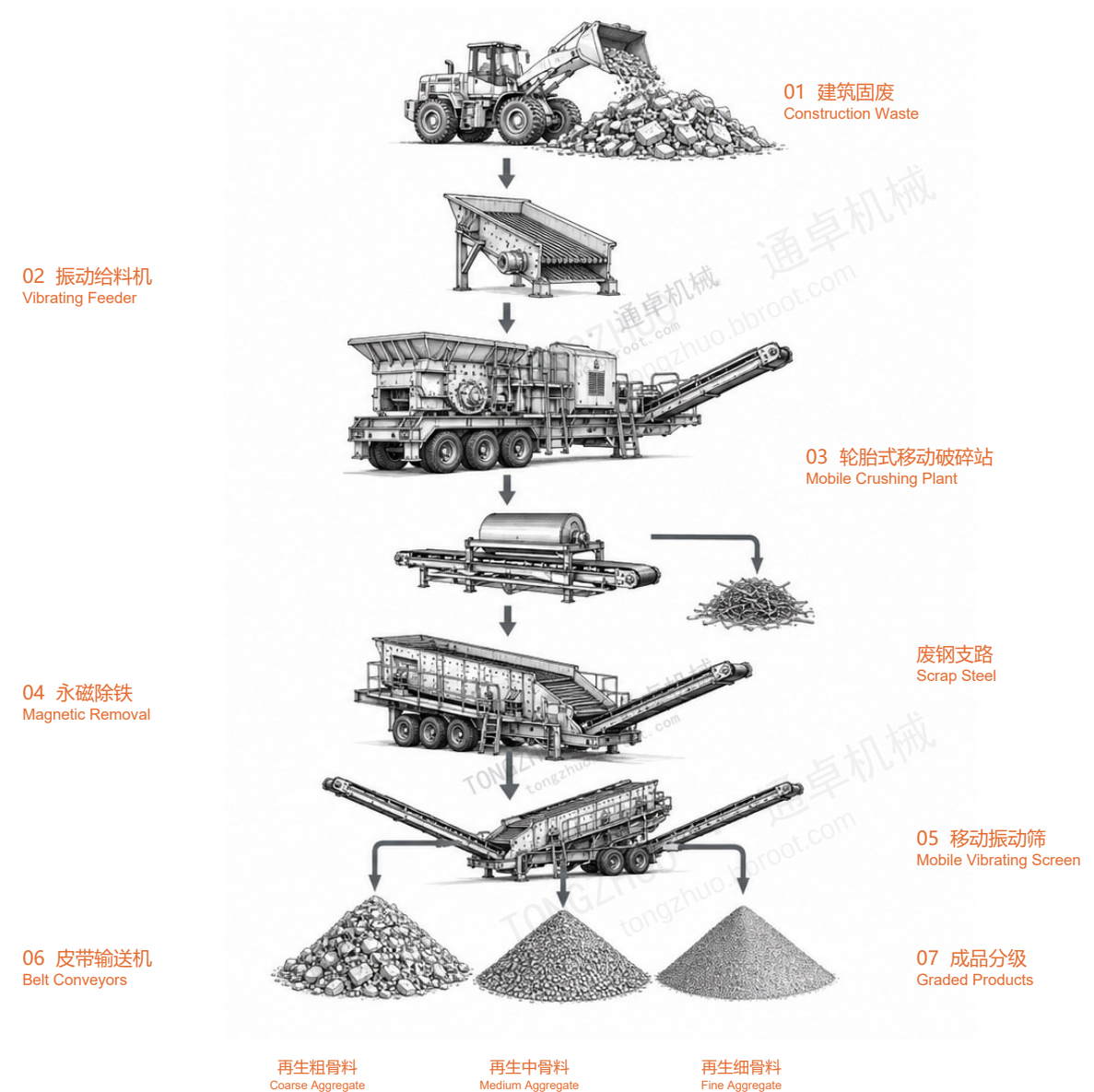
Mobile Construction Waste Recycling Line

产品描述

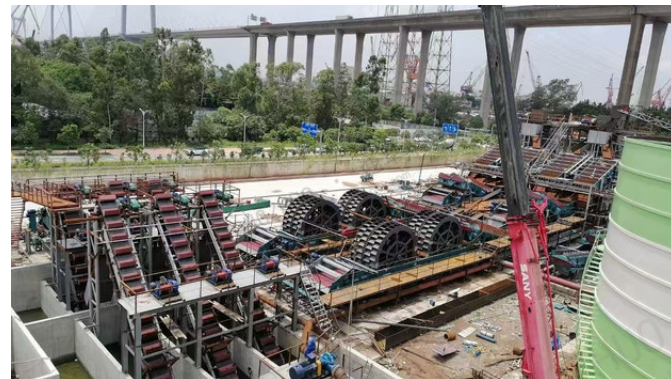
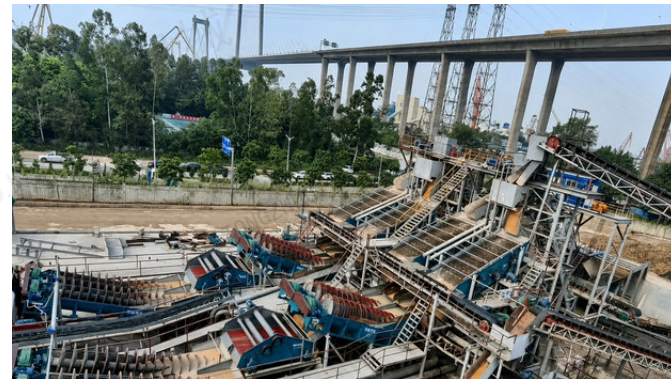
建筑固废经给料和移动破碎后进行除铁与筛分，皮带输送机将物料送至不同堆场，形成分级再生骨料。

Product Description

Construction waste is fed to a mobile crusher, followed by iron removal and screening. Conveyors discharge graded recycled aggregates.



客户现场
Customer Site



客户现场
Customer Site



生产现场 Production Site



生产现场 Production Site

