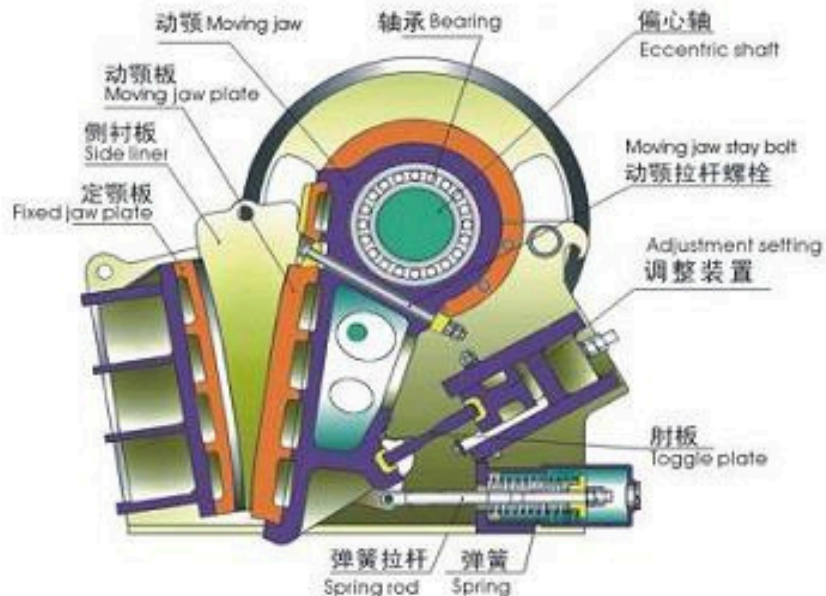


◆ 颚式破碎机 Jaw Crusher

颚式破碎机是目前国际上最为普遍使用的破碎机，其中大中型颚式破碎机是我公司的拳头产品之一，在国内已处于绝对领先水平。

工作原理：

该机由电动机驱动皮带和皮带轮，通过偏心轴使动颚上下运动，当动颚下行时，定颚与动颚间夹角变小，物料被压碎达到破碎目的；当动颚上升时定颚和动颚间夹角变大，动颚板在拉杆、弹簧的作用下离开定颚板，此时已破碎物料从破碎腔下口排出。



The Zenith jaw crusher delivers consistent performance even in the most challenging conditions. Whether it's crushing a hard, quarried stone or demolition debris, you can depend on the Zenith jaw crusher for high production rates and lower cost per ton.

High production rates are achieved with a wide crushing chamber and relatively large gape, which can handle even the large slabby material. Plus, a relatively long crushing chamber delivers aggressive crushing action to nip even hard stone for quick processing and consistent performance.

It features with exceptionally high crusher availability, cost-efficient crushing, low cost per ton, etc.

Operating Principle:

The motor drives the belt wheel, and makes movable jaw up and down by eccentric shaft. When the movable jaw down, the angle between the fixed jaw and movable jaw gets smaller, and the materials can be crushed to reach the crushing target. When the movable jaw rises, the angle between the fixed jaw and movable jaw becomes larger. The movable jaw plate leaves the fixed jaw plate under the function of drawbar and spring, and then the crushed materials are discharged from the lower outlet of the crushing cavity.



规格与性能参数表 Specifications:

型号 Model	进料口 尺寸 Feed Opening (mm)	最大进 料粒 度 Max. Feed Size (mm)	出料口可 调节范围 Setting Adjustment Range (mm)	处理能力 Capacity (t/h)	配用电 机功率 Power (kw)	重量 Weight (t)	外形尺寸 Overall Dimension (mm)
PE150×250	150×250	125	10-40	1-3	5.5	1.5	896×745×935
PE250×400	250×400	200	20-50	5-20	15	3	1430×1310×1340
PE400×600	400×600	350	40-100	15-60	30-37	7	1700×1732×1653
PE500×750	500×750	425	50-100	40-110	45-55	12	2035×1921×2000
PE600×900	600×900	480	65-160	90-180	55-75	17	2290×2206×2370
PE750×1060	750×1060	630	80-140	110-320	90-110	29	2655×2302×3110
PE900×1200	900×1200	750	95-165	220-450	110-132	52	3200×3050×2950
PE1000×1200	1000×1200	850	195-265	315-550	110-132	57	3800×3166×3045
PE1200×1500	1200×1500	950	150-300	400-850	220	82.5	4200×3750×3820
PEX150×750	150×750	125	18-48	5-16	15	3.8	1200×1500×1200
PEX250×750	250×750	210	25-60	15-30	22-30	5	1667×1545×1020
PEX250×1000	250×1000	210	25-60	15-50	30-37	7	1550×1964×1380
PEX250×1200	250×1200	210	25-60	20-60	37-45	8.5	2192×1900×1950
PEX300×1300	300×1300	250	20-90	20-120	75	11	2720×1950×1600

注：各项参数及外形若有变更，依发货时随机附带的的使用维护说明书为准。 Note: If there is any modification, all parameter and overall dimension are subject to the operating instruction.

◆ HP系列液压圆锥破碎机

HP Series Hydraulic Cone Crusher

HP系列液压圆锥破碎机采用计算机优化设计，加快了主轴转速，独特的破碎腔更换系统可以快速的更换破碎腔部件来满足粗细不同的粒度要求。该系列独特的摩擦盘设计和偏心轴套绕定轴旋转的专利技术 & 更合理的“迷宫密封”系统是该系列的独到之处，使该产品在使用过程中，具有操作方便、使用范围广、可靠性强、运转平稳等优点，超越了弹簧圆锥破和一般液压圆锥破更多优势。



HP series hydraulic cone crusher adopts computer optimization design to speed up main shaft speed. The unique crushing chamber replace system can quickly replace components in crushing chamber to meet different size requirement. The friction disc design and rotation of eccentric bushing circum fix shaft plus more reasonable "labyrinth seal" system are unique features of HP series, which have more advantages like easier operation, large application scope, more reliable, more smooth functioning comparing with spring and traditional cone crusher.

特点:

1. HP系列液压圆锥破碎机采用“偏心轴套绕定轴旋转”的独特工作原理，加强了主轴的强度，为实现大功率破碎创造了条件。同时，采用了独特的摩擦盘专利设计，通过采用粒间层压原理设计的独特破碎腔及与之相匹配的转速，显著提高破碎比和产量，增加了成品料立方体的含量。

2. HP系列液压圆锥破碎机配置了保险油缸和锁紧油缸液压保险系统。保险油缸不仅起保险作用，而且在机器发生过铁及瞬间闷车的情况下，能够利用液压将支承套和定锥部顶起，自动排除破碎腔内的故障物，实现不拆机处理故障，大大降低了原弹簧圆锥破碎机需停机进行人工排障的烦恼，使维修更简便。

3. 该机采用了新型液压调节系统，并具有自锁定位功能，调节范围广等优点。

4. 密封采用润滑脂密封，并采用有效的迷宫密封方式，避免了给水及排水系统易堵塞的弊病，从根本上消除了原弹簧圆锥破碎机水油易混合的缺陷。

5. 破碎壁、轧臼壁采用了高锰钢材质，由于破碎腔型的改变和层压破碎时料层的保护，使磨损降低，致使其一般使用寿命相比老式结构圆锥破碎机可提高30%-80%。

Features:

1. Our HP series hydraulic cone crusher introduces "eccentric bushing circum fixed shaft" special working principle, the main shaft is strengthened. It is possible to realize crushing with large power. Meantime, the patent of particular friction disk, and layer pressure theory with special crushing cavity are adopted, the crushing ratio and capacity increase, so does the cubic product percentage.

2.HP series hydraulic cone crusher equipped with hydraulic system of safety oil cylinder and lock oil cylinder. The safety oil cylinder acts as protection part, It can lift up bearing housing and fixed cone through hydraulic system, if machine occurs malfunction, the foreign objects will be discharged from crushing chamber automatically, without opening the machine. So the maintenance is easier than spring cone crusher.

3.HP series hydraulic cone crusher adopts new gearing adjusting system and function of self lock & wide adjustment.

4.HP series hydraulic cone crusher employs grease seal and effective labyrinth seal, which is helpful to avoid water jam, and radically eliminate the defect of mixture of water and oil in the traditional spring cone crusher.

5.Manganese steel is used in mantle and bowl. Due to the cavity type change and material layer protection, the abrasion decreases, and the service time is 30%-80% longer than traditional cone crusher.



规格与性能参数表 Specifications:

型号 Model	腔形 Cavity (coarse/fine)	最小排料口尺寸 Close side setting Min. (mm)	最大进料尺寸 Feeding size Max.(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	55~180		
HP-220	C	13	225	150~430	18	220
	F	6	86	90~260		
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		

1.表中生产能力是基于中等硬度，堆比重为1.6t/m³的物料。

2.破碎机是生产链中的一个组成部分，因此它的性能还将有配套的设备配合及正确的操作，如给料、输送带、振动筛分支承结构等因素，根据破碎机层压破碎原理的要求，因此充足给料将能完全发挥出设备的优越性能。

1. Capability in table is on the basis of middle hard material with stack density of 1.6t/m³.

2. Crushing machine is an important component of product line. Its performance also needs other machine's cooperation, like feeder, transportation belt, vibrating screen and supporting etc. according to the requirement of layer pressure crushing theory, the machine will achieve excellent performance when sufficient feeding.

◆ S系列圆锥破碎机

S Series Cone crusher

产品简介:

西芝公司研发部与技术部积二十余年弹簧圆锥破碎机生产经验，吸纳了美国、德国等国内外圆锥破碎机设备的技术精华，经过多次创新、测试、优化改进后推出S系列圆锥破碎机，结构设计更加紧凑合理，破碎机尺寸、重量均较之传统的弹簧圆锥破碎机有了明显降低；该产品破碎腔型可根据实际需要调节，显著提高了产品的使用适用性；使用中各项技术指标均较之传统的弹簧圆锥破碎机有了明显的提升，在制造、安装、使用、维护等方面都有卓越表现，经济效益十分显著，是替换传统弹簧圆锥破碎机的理想设备。

Brief introduction of the product:

Based on 20 years' manufacturing experiences of spring cone crusher, absorbing technical pith of cone crusher from USA and Germany, through numerous times of innovation, testing, and optimization, R&D department and technology department of Zenith company release S series cone crusher, which is of more compact and reasonable structural design. Both dimension and weight of crusher are obviously reduced compared with traditional spring cone crusher. The crushing chamber type can be adjusted according to specific requirement, significantly increasing product applicability. All performances in operation show greater improvement than traditional spring cone crusher. It has excellent performances in manufacture, installation, operation, and maintenance, Commercial profit is remarkable. It is ideal equipment for substitution of traditional spring cone crusher.



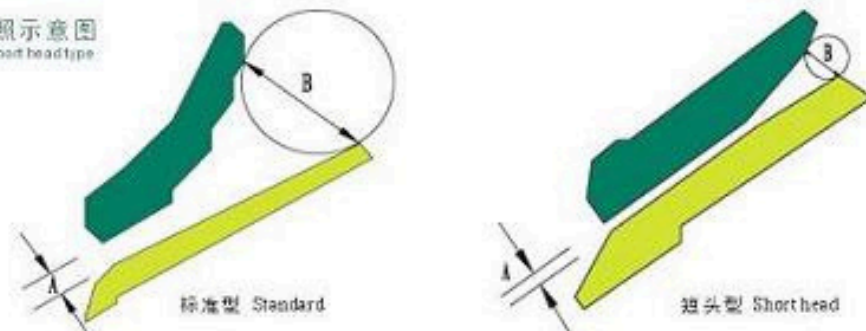
技术优势:

1.运行稳定。2.生产效率高。3.适用性强。4.生产成本低。

Technical advantages:

1. Stable running. 2. High production efficiency. 3. Wide applications. 4. Low production cost.

标准型与短头型破碎腔对照示意图
Sketch of the cavity between standard and short head type



标准型开路流程性能参数表

Specification chart in open circuit (STANDARD)

型号 规格 Model	腔型 Cavity	推荐最小 排矿口 Recommended minimum discharge setting A (mm)	对应于推荐的最小排矿口 A的给料口 Feed opening with min. recom- mended discharge setting A (mm)		对应排矿口的生产能力 Capacities in tons per hour passing through the crusher at indicated discharge												功率 Power (kW)				
			开口侧 Opening Side "B"	闭口侧 Closed Side "B"	9	13	16	19	22	25	31	36	51	64	76	89		102			
36" (3')	细型 Fine	9	102	83	45	58	70	80	93										75		
	粗型 Coarse	13	175	159		59	71	92	107	115	137	165									
	特粗型 Extra Coarse	25	178	163						129	145	175	198								
51" (4 1/4')	细型 Fine	13	137	109		106	125	145	153	161	183							185			
	中型 Medium	16	210	188			132	156	174	201	224	253	304								
	粗型 Coarse	19	241	216				171	199	217	249	295	349								
特粗型 Extra Coarse	25	259	238							230	272	304	358	450							
66" (5 1/2')	细型 Fine	15	209	188			180	200	224	256	298	324						240			
	中型 Medium	22	241	213					252	286	330	380	417	437							
	粗型 Coarse	25	269	241						299	353	417	453	634							
特粗型 Extra Coarse	38	368	331									431	476	680							
84" (7')	细型 Fine	19	278	253				381	406	499	615	726	849	1028					400		
	中型 Medium	25	334	303						605	721	800	994	1120	1284						
	粗型 Coarse	31	369	334							786	835	1078	1250	1370	1450					
特粗型 Extra Coarse	38	460	425									886	1179	1354	1478	1525	1637				

说明: 1. 产量以物料堆积密度1.6t/m³计。 1. Capacity in table is on the basis of material with stack density of 1.6t/m³.

短头型开路流程性能参数表

Specification chart in open circuit (SHORT HEAD)

型号 规格 Model	腔型 Cavity	推荐最小 排矿口 Recommended minimum discharge setting A (mm)	对应于推荐的最小排矿口 A的给料口 Feed opening with min. recom- mended discharge setting A (mm)		对应排矿口的生产能力 Capacities in tons per hour passing through the crusher at indicated discharge												功率 Power (kW)			
			开口侧 Opening Side "B"	闭口侧 Closed Side "B"	3	5	6	10	13	16	19	25	29	32	38					
36" (3')	细型 Fine	3	41	13	27	40	53	67	91										75	
	粗型 Coarse	3	60	33	28	41	54	68	92	100										
	特粗型 Extra Coarse	6	76	51				58	72	93	112	127								
51" (4 1/4')	细型 Fine	3	64	29	36	57	63	102	134	160									155	
	中型 Medium	6	89	54				84	104	136	164									
	粗型 Coarse	8	105	70						110	157	180	202	224						
特粗型 Extra Coarse	16	133	98									209	236							
66" (5 1/2')	细型 Fine	5	70	35		90	134	160	207										240	
	中型 Medium	6	89	54				137	164	210	253	280								
	粗型 Coarse	10	133	98					190	253	282	304	330							
特粗型 Extra Coarse	13	133	117							253	282	309	337							
84" (7')	细型 Fine	5	105	51		189	271	340	361	404	470	609							400	
	中型 Medium	10	133	95					352	408	450	509	558	617						
	粗型 Coarse	13	178	127						450	481	542	595	661	687					
特粗型 Extra Coarse	16	203	152								505	592	660	684	693	727				

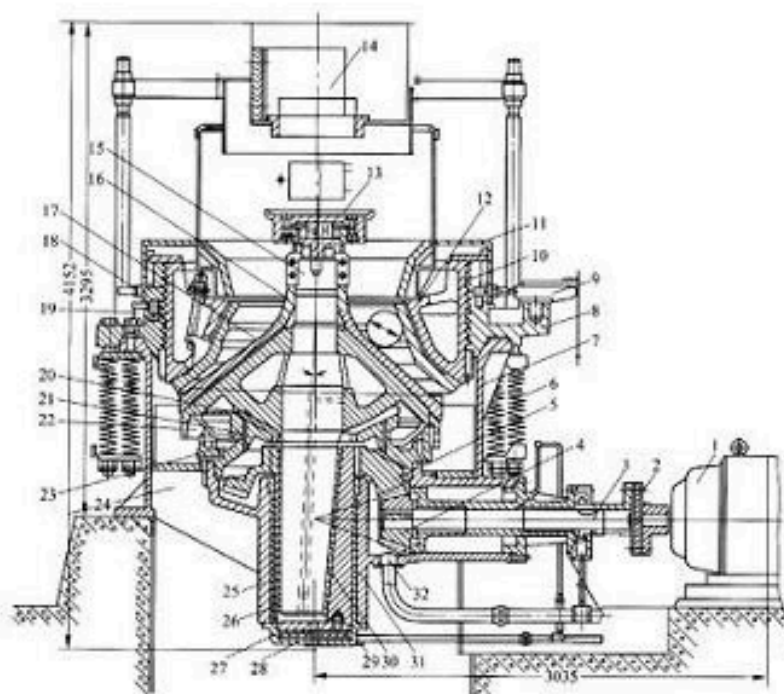
说明: 1. 产量以物料堆积密度1.6t/m³计。 1. Capacity in table is on the basis of material with stack density of 1.6t/m³.

◆ PY系列圆锥破碎机 PY Series Cone Crusher

本系列破碎机，适用于破碎中等以上硬度的各种矿石和岩石。具有结构可靠，生产效率高，调整方便，使用经济等特点。其弹簧保险系统是过载保护装置，可使异物铁块通过破碎腔而不伤害机器，采用干油或水两种密封形式，使石粉与润滑油隔离，保证可靠工作。破碎腔型式由矿石用途决定，标准型适用于中碎；中型和短头型适用于细碎。

This PY series cone crusher is suitable for crushing various of mid-hard and above mid-hard ores and rocks. This crusher has the advantage of reliable construction, high productivity, easy adjustment and less cost in operation. The spring release system of crusher acts an overload protection system that allows tramp to pass through the crushing chamber without damage to the crusher, use dry oil, water, two kinds of sealed formation. It made plaster stone and engine oil separated, assured reliable performance. The type of crushing chamber depend upon the size of feed and fineness of the crushed product. The standard type is applied to medium crushing, the medium type is applied to medium or fine crushing and the shorthread is applied to fine crushing.





- | | |
|---------|-------------------|
| 1.电动机 | Motor |
| 2.联轴器 | Shaft coupling |
| 3.传动轴 | Countershaft |
| 4.小圆锥齿轮 | Pinion |
| 5.大圆锥齿轮 | Gear |
| 6.保险弹簧 | Safety spring |
| 7.机架 | Frame |
| 8.支承套 | Adjustment ring |
| 9.推动油缸 | Driving Cylinder |
| 10.定锥 | Bowl |
| 11.防尘罩 | Dust seal |
| 12.定锥衬板 | Bowl liner |
| 13.给矿盘 | Cone feed plate |
| 14.给矿箱 | Feeding box |
| 15.主轴 | Main shaft |
| 16.动锥衬板 | Mantle |
| 17.动锥部体 | Head |
| 18.锁紧螺母 | Locking nut |
| 19.活塞 | Piston |
| 20.衬套轴瓦 | Socket liner |
| 21.衬套轴架 | Socket |
| 22.球形颈圈 | Slide ring |
| 23.环形槽 | ring slot |
| 24.筋板 | Slab |
| 25.中心套筒 | Main shaft sleeve |
| 26.衬套 | Bushing |
| 27.止推圆盘 | Thrust disk |
| 28.机架下盖 | Main frame cap |
| 29.进油孔 | Fuel feed hole |
| 30.锥形衬套 | Taper sleeve |
| 31.偏心轴承 | Eccentric bearing |
| 32.排油孔 | Drainage hole |

规格与性能参数表 Specifications:

型号 Model	破碎锥 直径 Diameter Breaking (mm)	进料口 尺寸 Feed Opening (mm)	最大进 料粒度 Max. Feed Size (mm)	出料口调 节范围 Range of Discharge Opening (mm)	产量 Capacity (t/h)	功率 Power (KW)	偏心轴 转速 Speed of Eccentric Shaft (r/min)	重量 (含电机) Weight Including Motor (t)	外形尺寸 (长X宽X高) Dimension (Length, Width, Height) (mm)
PYB600	φ600	75	65	12-15	40	30	356	5	2234×1370×1675
PYD600	φ600	40	35	3-13	12-23	30	356	5.1	2234×1370×1675
PYB900	φ900	135	115	15-50	50-90	55	333	11.2	2692×1640×2350
PYZ900	φ900	70	60	5-20	20-65	55	333	11.2	2692×1640×2350
PYD900	φ900	50	40	3-13	15-50	55	333	11.3	2692×1640×2350
PYB1200	φ1200	170	145	20-50	110-168	110	300	24.7	2790×1878×2844
PYZ1200	φ1200	115	100	8-25	42-135	110	300	25	2790×1878×2844
PYD1200	φ1200	60	50	3-15	18-105	110	300	25.3	2790×1878×2844
PYB1750	φ1750	250	215	25-50	280-480	160	245	50.3	3910×2894×3809
PYZ1750	φ1750	215	185	10-30	115-320	160	245	50.3	3910×2894×3809
PYD1750	φ1750	100	85	5-15	75-230	160	245	50.2	3910×2894×3809
PYB2200	φ2200	350	300	30-60	590-1000	280/260	220	80	4622×3302×4470
PYZ2200	φ2200	275	230	10-30	200-580	280/260	220	80	4622×3302×4470
PYD2200	φ2200	130	100	5-16	120-340	280/260	220	81.4	4622×3302×4470

注: 各项参数及外形若有变更, 以发货时随机附带的用户维护说明书为准。
Notes: If there is any modification, all parameter and overall dimension are subject to the operating instructions.

◆ 反击式破碎机 Impact Crusher

本产品广泛用于矿石破碎、铁路、高速公路和建筑行业，经反复实践其综合性能要优于圆锥式破碎机和锤式破碎机。

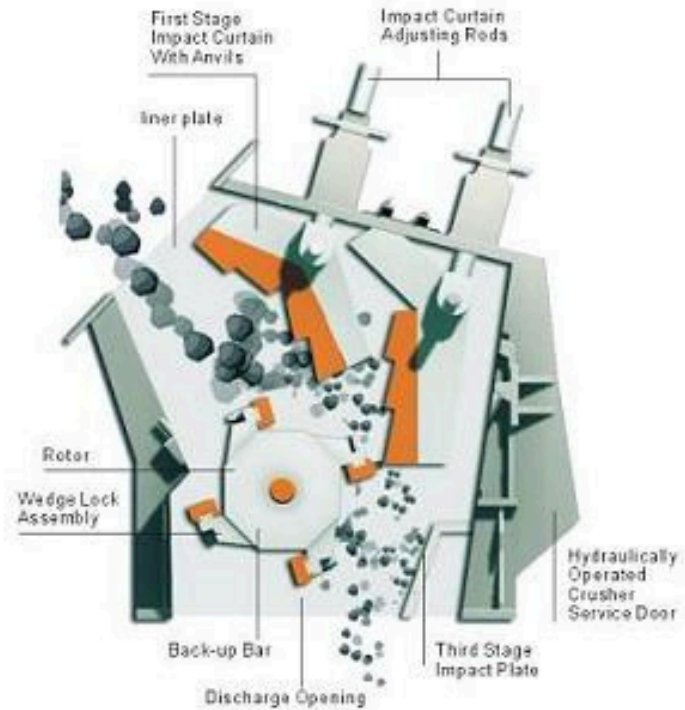
工作原理：

该机是一种利用冲击能来破碎物料的破碎设备。当物料进入板锤作用区时，受到板锤的高速冲击使被破碎物不断被抛向安装在转子上方的反击装置上，然后又从反击衬板上弹回到板锤作用区重新被反击，物料由大到小在破碎腔内重复进行破碎，直到物料被破碎至所需粒度，由机器下部排出。



The Zenith impact crushers are the solution for current and future operating conditions in which output and productivity demands are increasingly stringent. They can be used in quarry applications for primary, secondary, or tertiary crushing, and they may also be used in recycling asphalt or concrete.

In this series, the rotor is redesigned to increase swing-weight, improve crushing reduction and obtain extra capacity. They are producing high volumes of fine and chipping material due to their high circumferential rotor speeds. Especially, they are accepting coarser material than the other type of machines at tertiary applications which makes them first choice. It is proved that end products are of cubical shape, which is the outstanding advantage compared with that of cone crusher and hammer crusher.



Operating Principle:

It is a kind of crushing equipment, using impact energy to crush materials. When materials get into the area where the board hammer plays a part, under the impact function of board hammer at a high speed, the crushed ones are thrown to the impact device above the rotor continuously. And then they are rebounded from the impact liner to the area where the board hammer plays a part, and are impacted again. The materials from large to small get into the impact cavity for being crushed repeatedly. The process is going on until the materials are crushed to the required sizes and then discharged from down part of the machine.

规格与性能参数表 Specifications:

型号 Model	规格 Spec (mm)	进料口尺寸 Feed Opening (mm)	最大进料粒度 Max Feed Size (mm)	生产能力 Capacity (th)	功率 Power (kw)	重量 Weight (t)
PF-1007	Φ1000×700	400×730	<250	15-60	37-55	9.5
PF-1010	Φ1000×1050	400×1080	<300	50-90	55-75	14
PF-1210	Φ1250×1050	400×1080	<300	70-130	110-132	17
PF-1214	Φ1250×1400	400×1430	<300	90-180	132-160	22
PF-1315	Φ1320×1500	860×1520	<350	120-250	180-260	26
PF-1320	Φ1320×2000	860×2030	<500	160-350	300-375	30

注: 各项参数及外形若有变更, 依发货时随机附带的使用维护说明书为准。
Notes: If there is any modification, all parameter and overall dimension are subject to the operating instructions.

◆ B系列立轴冲击式破碎机

B series Vertical Shaft Impact Crusher

B系列立轴冲击式破碎机是目前世界上最先进的一种冲击破碎机，采用了瑞典SKF或美国TIMKEN高精度等级的滚动轴承，使主机运行十分平稳，主机上盖采用液压升降系统，使维修保养更换零部件快捷方便。我公司独家设计的喂料系统可在完全中心进料和中心进料伴随瀑落进料之间任意转换，以适应各种矿石的破碎及石料的整形，满足每个客户的不同需求。

Zenith B series Vertical Shaft Impact Crusher is the most advanced impact crusher in modern world. It introduces high quality roller bearing like Sweden SKF and America TIMKEN, which ensure the smooth running of main unit. Hydraulic lifting system used in upper cap, it is easy and convenient to maintain the machine and replace spare parts. The feeding is our sole patent that using central feeding and central feeding with cascade feeding, the feeding method can change as per needed so as to satisfy customer's different request.

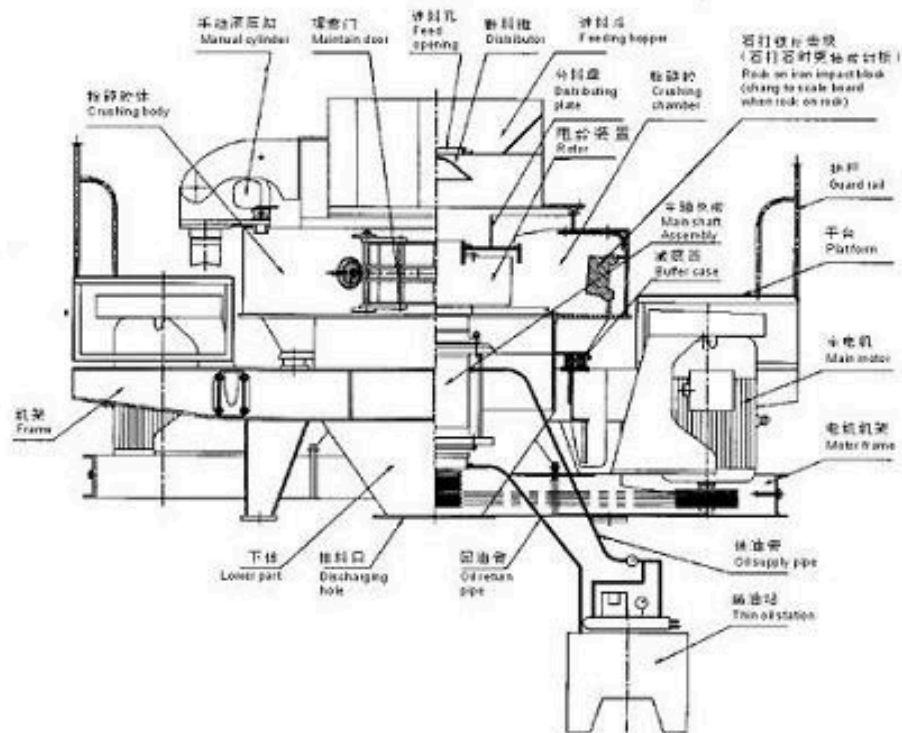


特点:

- 1.先进的双泵供油润滑系统，及无油自动停机和水冷降温，冬季电机自动加热启动，延长了维护周期。
- 2.高精度滚动轴承，主机运转平稳，延长使用寿命。
- 3.液压升降上盖，使更换检修省时、省力。
- 4.过振动报警系统，发生超振动值，可发出警示。
- 5.独特防尘密封系统，完全避免外部粉尘进入润滑部位。
- 6.独特的双项喂料方式，完全中心进料和中心进料伴随瀑落进料之间转换，既可石打石，有可石打铁，既可破碎又可整形。
- 7.独特的抛料头设计，合理的选材，延长使用周期。

Features:

1. Advanced double pump oil lubrication system minimize the maintenance frequency.
2. High precision roller bearing, smooth main unit running, and long service time.
3. Hydraulic lift cap, easy and convenient replacement and maintenance.
4. Over vibration alarm system.
5. Special dustproof seal system, outside powder is prevented from entering oil mouth.
6. Unique feeding method change between central feeding and central feeding with cascade feeding make "rock on rock" and "rock on iron" possible, both crushing and shaping are achieved.
7. Particular material throw head design and reasonable material selection prolong the service time.



规格与性能参数表 Specifications:

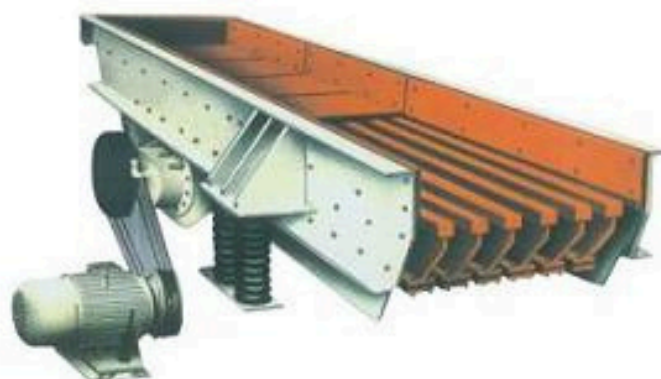
型号 Model		B-7611	B-8518	B-9526	B-1140
生产能力 Capacity(t/h)	瀑布与中心进料 Cascade and central feeding	120-180	200-260	300-380	450-520
	全中心进料 Central feeding	60-90	100-130	150-190	225-260
最大入料尺寸 Max. Feeding size(mm)	软料 Soft material	<35	<40	<45	<50
	硬料 Hard material	<30	<35	<40	<45
转速 Rotation speed(r/min)		1700-1890	1520-1690	1360-1610	1180-1310
双电动机功率 Double motor power(kw)		110-150	180-220	264-320	400-440
最大外形尺寸(长×宽×高) Overall dimension(L×W×H)(mm)		3700×2150×2100	4140×2280×2425	4560×2447×2778	5000×2700×3300
重量 Weight(t)		7.8	10.3	16	25.6
电源 Power(kw)		380V; 50Hz			
振动传感器 Vibration Sensor		检测范围: 0.1-20mm/s 连续可调 Inspection range: 0.1-20mm/s continual adjustment			
润滑液压站 Lubrication System	双油泵电机功率 Double pump motor power(kw)	2×0.31			
	安全保护 Safety	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。 Alternative double pump of supply; machine stops automatically without oil flow or oil pressure. Water cooling, motor warm start in winter.			
	外形尺寸(长×宽×高) Overall dimension(L×W×H)	820×520×1270			
	油箱加热器功率 Oil tank heating power(kw)	2			

◆ 振动给料机 Vibrating Feeder

振动给料机可为破碎机械连续、均匀地喂料，并对物料进行粗筛分，广泛应用于冶金、煤矿、洗矿、建材、化工等行业的破碎、筛分联合设备中。

Zenith Vibrating Feeders are built to withstand the toughest jobs in a quarry, recycling, mine or sand and gravel operation. The feeder series is designed particularly for continuous use with any hard and abrasive materials. They are backed by years of service-proven performance in the mining, aggregates, glass, cement, chemical, wood products and steel industries.

Dependable, flexible control sets Zenith vibrating feeders apart from other feeding and conveying machinery. Precise, sub-resonant tuning is a key characteristic of both types of Zenith vibrating feeders, and is critical to feeder performance. They have the following characteristics: easy maintenance and low operating costs; simple drive system; compact; high capacity.



规格与性能参数表 Specifications:

型号 Model	料槽尺寸 Size of Funnel (mm)	最大进料 Max. Feed Size (mm)	处理能力 Capacity (t/h)	电动功率 Power (kw)	机器重量 Weight (kg)	外形尺寸 Overall Dimension (mm)
GZD850×3000	850×3000	400	80-120	7.5	3895	3110×1800×1600
GZD960×3800	960×3800	500	120-210	11	3980	3850×1950×1630
GZD1100×4200	1100×4200	580	200-430	15	4170	4400×2050×1660
GZD1100×4900	1100×4900	580	280-500	15	4520	5200×2050×1700
GZD1300×4900	1300×4900	650	450-600	22	5200	5200×2350×1750
GZD1500×6000	1500×6000	800	500-700	30	8666	6082×2580×2083

注：各项参数及外形若有变更，请以发货时随机附带的使用维护说明书为准。
Note: If there is any modification of parameter and overall dimension are subject to the operating instructions.

◆ 圆振筛 YK Round Vibrating Screen Series

圆振动筛是一种多层数、高效新型振动筛。具有结构可靠、筛分效率高、维修方便、使用安全等特点，广泛应用于矿山、建材、交通、能源、化工等行业的产品分级。

Vibrating Screens are used to separate materials into various sizes for further processing, or for end use, depending on your need. The material is separated by passing it through a vibrating "screen box" which has a number of different sized screens, or meshes, which the material falls through like a sieve. The material falls onto attached conveyors which stock pile the end products. The end products can then be used in the building and construction industries.

Main features: high screening efficiency; high capacity; high reliability; long bearing lifetime; easy maintenance.



规格与性能参数表 Specifications:

型号 Model	筛面规格 Screen Spec (mm)	筛面 层数 Layers	筛孔尺寸 Screen Mesh Size (mm)	进料粒度 Feed Size (mm)	处理量 Capacity (t/h)	电机功率 Power (kw)	振动频率 Vibrating Frequency (t/min)	双振幅 Double Amplitude (mm)
2YK1237	1200×3700	2	4-50	≤200	10-80	15	960	4~8
3YK1237	1200×3700	3	4-50	≤200	10-80	15	960	4~8
2YK1548	4800×1500	2	3-100	≤400	30-275	15	870	5~9
3YK1548	4800×1500	3	3-100	≤400	30-275	15	870	5~9
4YK1548	4800×1500	4	3-100	≤400	30-275	15	870	5~9
2YK1848	4800×1800	2	3-100	≤400	56-330	18.5	870	5~9
3YK1848	4800×1800	3	3-100	≤400	56-330	18.5	870	5~9
4YK1848	4800×1800	4	3-100	≤400	56-330	18.5	870	5~9
2YK1860	6000×1800	2	3-100	≤400	65-586	22	870	5~9
3YK1860	6000×1800	3	3-100	≤400	65-586	22-30	870	5~9
4YK1860	6000×1800	4	3-100	≤400	65-586	22-30	870	5~9
2YK2160	6000×2100	2	3-100	≤400	81-720	30	730	5~9
3YK2160	6000×2100	3	3-100	≤400	81-720	30-37	730	5~9
4YK2160	6000×2100	4	3-100	≤400	81-720	45	730	5~9
2YK2460	6000×2400	2	3-150	≤400	100-810	37	770	5~9
3YK2460	6000×2400	3	3-150	≤400	100-810	37	770	5~9

注：各项参数及外形若有变更，依发货时随机械附带的使用维护说明书为准。 Note: If there is any modification, all parameter and overall dimension are subject to the operating instructions.

◆ 胶带输送机 Belt Conveyors

我公司生产的带式输送机可用来输送松散物料或成件物品，可单台输送，也可多台组成或与其他输送设备组成水平或倾斜的输送系统，以满足不同布置形式的作业线需要。



Built to match the superior strength and long service life of Zenith crushers, grinders, and pulverizers as proved in industry's most demanding materials handling, Zenith belt conveyors can withstand repeated severe impact loads over long operating lives.

The belt conveyors produced by Zenith consist of standard parts; they are big in transfer quantity, advanced and simple in structure, easy to maintain. They are widely used in mining, metallurgical and coal industry to transfer sandy or lump material, or packaged material. According to different transfer requirements, the transfer system can be only one belt conveyor or multi-conveyors, or combined with other transfer equipment. The belt conveyors can be in horizon or in slope to meet the needs of different transfer lines.

规格与性能参数表 Specifications:

胶带宽度 Belt Width (mm)	输送长度/功率 Belt Length (m) / Power (kw)		输送速度 Belt Speed (m/s)	输送量 Capacity (t/h)	
400	≤12/2.2	12~20/2.2~4	20~25/3.5~7.5	1.25~2.0	30~60
500	≤12/3	12~20/3~5.5	20~30/5.5~7.5	1.25~2.0	40~80
650	≤12/4	12~20/4~5.5	20~30/5.5~11	1.25~2.0	80~120
800	≤10/4	10~15/4~5.5	15~30/5.5~15	1.25~2.0	120~200
1000	≤10/5.5	10~20/5.5~11	20~40/11~22	1.25~2.0	200~320
1200	≤10/7.5	10~20/7.5~15	20~40/15~30	1.25~2.0	290~480

注：各项参数及外形若有变更，依发货时随机附带的用户使用说明书为准。
Notes: If there is any modification, all parameter and overall dimension are subject to the operating instructions.

◆ 洗砂机 Sand Washing Machine

XSD系列洗砂机是配合制砂机使用的高效轮斗式洗砂设备。它具有洗净度高，结构合理，处理量大，故障率低等特点，是国内洗砂设备升级换代的最佳选择。



This product is mainly used for sand factory, electric pole factory, work-site of building and concrete dam to wash, classifying and de-watering various sands. Your material is fully managed from raw feed to quality sand and grit output, with an easily handled final waste. Key features: Capable of separating even the most heavily clay bound aggregates; Low wear and maintenance; Easily adjusted to accommodate differing materials and feed rates; Each model is specified from a wide range according to customers requirements.

规格与性能参数表 Specifications:

型号	Model	LSX-920	2LSX-920	LSX-1120	2LSX-1120
螺旋数量	Number of spiral	1	2	1	2
螺旋直径	Spiral diameter(mm)	920	920	1120	1120
水槽长度	Tank length(mm)	7585	7585	9750	9750
入选粒度	Feed size(mm)	≤10	≤10	≤10	≤10
处理能力	Capacity(t/h)	100	200	175	350
螺旋转速	Rev. of spiral(rpm)	21	21	17	17
电机功率	Required motor(kw)	11	11×2	18.5	18.5×2
耗水量	Water consumption(t/h)	10-80	20-160	20-150	40-300
机器重量	Weight(t)	6.2	11.5	10.9	17.8
外型尺寸	Overall dimensions(L×W×H)(mm)	8420×2180×3960	8420×3970×3960	10770×3950×4860	10770×5260×4860

型号	Model	XSD2610	XSD2816	XSD3016	XSD3620
叶轮规格	Impeller specification(mm)	Φ2600×1000	Φ2800×1600	Φ3000×1600	Φ3600×2000
叶轮转速	Impeller speed(r/min)	1.178	1.177	1.179	1.179
入选粒度	Max. Feed size(mm)	≤10	≤10	≤10	≤10
减速机型号	Gear box models	ZQ50-50-I-Z	ZQ65-50-I-Z	ZQ65-50-I-Z	ZQ65-50-I-Z
生产能力	Capacity(t/h)	20-50	30-80	50-120	60-150
功率	Power(kw)	7.5	11	15	18.5
外型尺寸	Overall dimensions(mm)	3255×1982×2690	3540×3000×2880	3845×3000×3080	4500×3206×3480

注：各项参数及外形若有变更，依发货时随机附带的使用维护说明书为准。 Note: if there is any modification, all parameter and overall dimension are subject to the operating instructions.

◆ Y系列移动破碎站 Y Series Portable Crushing Plant

移动破碎站简介

上海西芝Y系列移动破碎站的设计理念是，充分适应移动破碎的各种情况，消除破碎场地、环境、基础配置对客户破碎作业的障碍，真正为客户提供简捷、高效、低成本的破碎设备。Y系列移动破碎站的突出特点：

★ 配备高性能颚式破碎机、圆锥式破碎机、反击式破碎机

★ 车载给料机、振动筛、皮带机

★ 牵引转向轴，便于公路运输

★ 车载安装支撑，设备现场安装快捷便利

★ 配套安装电动机和控制箱

Brief introduction of mobile crushing plant

Shanghai Zenith Y series mobile crushing plant is designed based on the conception of fully adapting various crushing condition, eliminating obstacles caused by location, environment, foundation configuration, consequently providing simple, efficient, low-cost crushing equipment.

The outstanding features of Y series mobile crushing plant are:

★ Built with high quality jaw crusher, cone crusher and impact crusher

★ Feeder, screen and belt conveyor on board

★ Tractive steering shaft, convenient for road transportation

★ Integrated with landing gears, quick and convenient installation on site

★ Integrated motor and control panel



技术优势

机动灵活

Y系列移动破碎站车载底盘高，转弯半径小，适合在普通公路行驶，更便于在破碎场区崎岖恶劣的道路环境中行驶，为快速进驻工地节省了时间，同时为整体破碎流程提供了更加灵活的作业空间。

降低物料运输费用

Y系列移动破碎站，能够对物料进行现场破碎，免除了将物料运离现场再破碎的中间环节，极大降低了物料运输成本。

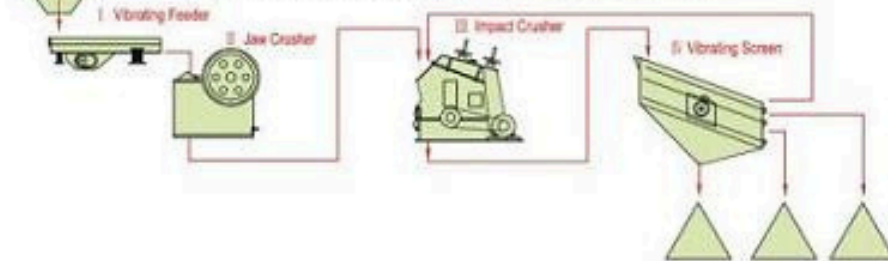
组合灵活，适应性强

根据不同客户工程需要，Y系列移动破碎站不仅可以单机组独立运行，还可以组合为粗碎、细碎两段破碎筛分系统，粗碎、中碎、细碎三段破碎筛分系统，或根据现场情况组合成先筛后碎或者先碎后筛系统。

◆ 典型生产流程 Typical flow chart

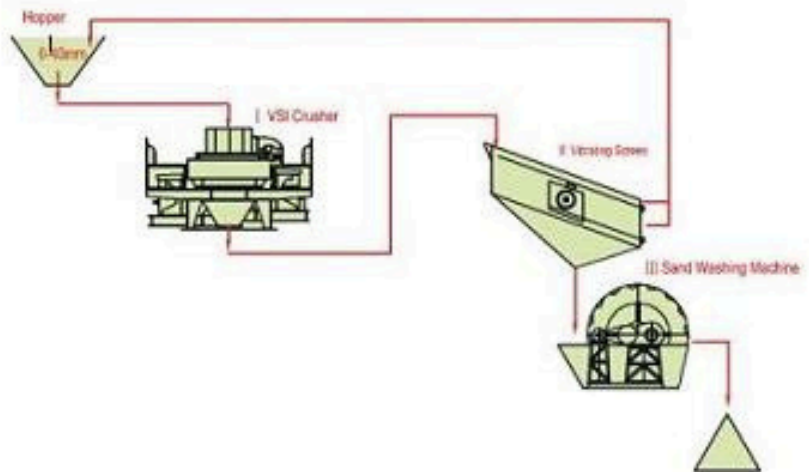


使用反击破碎机进行二级破碎，具有流程简单、成品粒型好(立方体)、投资经济等优点。
The impact crusher is used as secondary crusher with the features of simple flow, very cubical shape products and low investment etc.



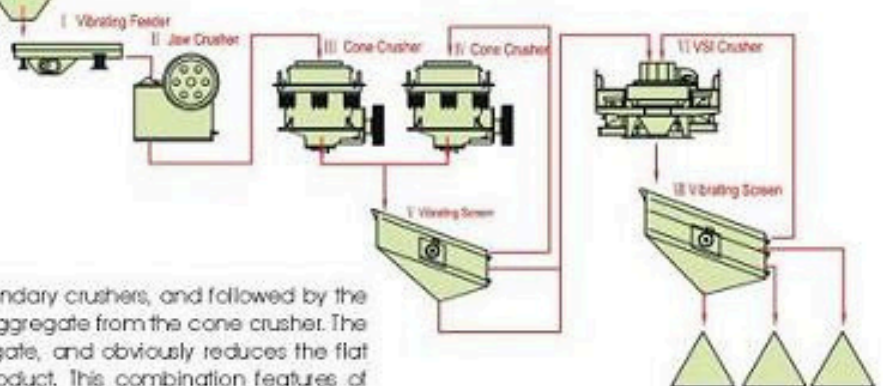
针对自然砂日益减少的现状，我公司开发了VSI破碎机专门用于人工砂的制造，具有立方形砂产量高、细度可调、生产成本低等优点，能有效提高混凝土的耐压强度和抗弯强度，减少混凝土配置中水泥用量。

Due to the shortage of natural sand resource nowadays, our company develops special VSI crusher for producing manufactured sand to replace natural sand. It features of high productivity of cubical sand, adjustable fineness, low cost, effectively improving compressive strength and flexural strength, and reducing the consumption of the cement.



使用圆锥破碎机进行二级破碎，然后用立轴冲击破碎机整形，避免了单独使用圆锥破碎机成品粒型不好的弊端，具有使用经济、零配件磨损率低、成品粒型好、维护简单等优点，特别适用于花岗岩等高硬度石料破碎生产。

The cone crushers are used as the secondary crushers, and followed by the VSI crusher to correct the shape of the aggregate from the cone crusher. The VSI Crusher gives cubical shape aggregate, and obviously reduces the flat and elongated particles in the final product. This combination features of high efficiency, low wearing cost, good product shape, especially in crushing difficult and abrasive rock.

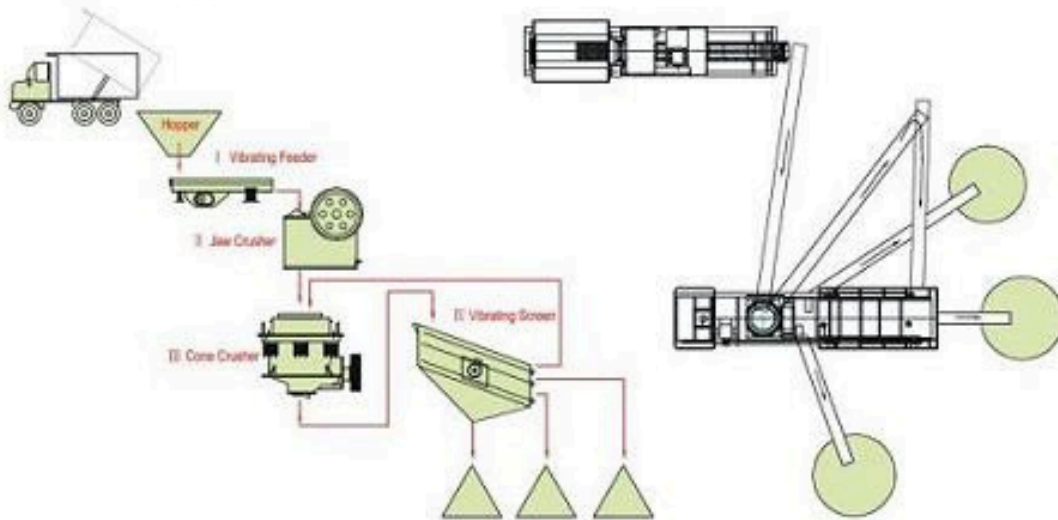


◆ 移动式破碎站 Portable crushing plant

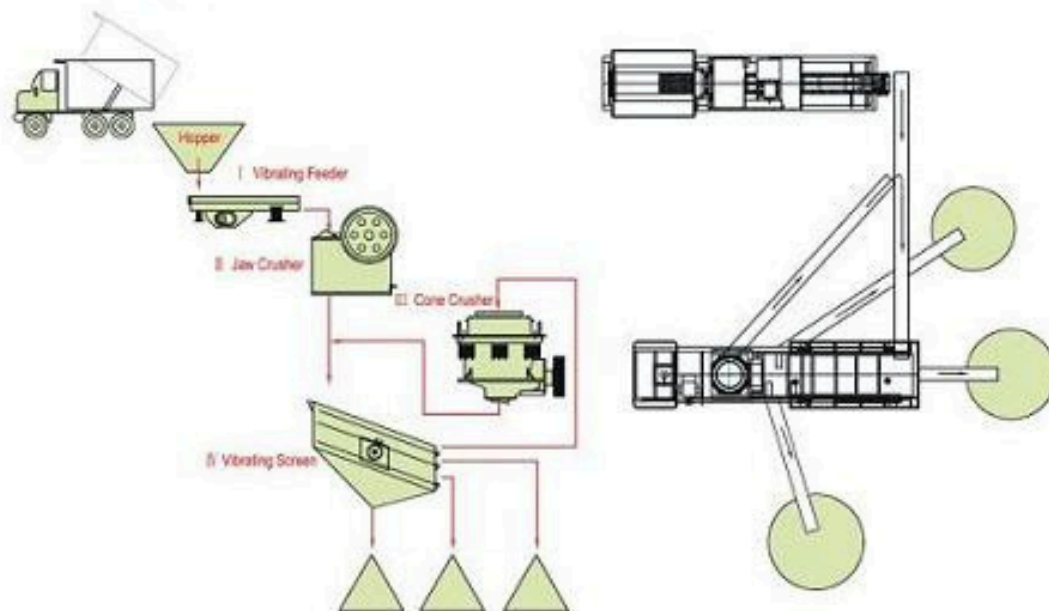
使用移动式破碎站配置石料生产线，具有机动灵活、运输成本低、配置灵活、维修方便等优点，根据客户的不
同需求，即可采用单机独立运行，还可以组合为粗碎、细碎两段破碎筛分系统，粗碎、中碎、细碎三段破碎筛分
系统，或根据现场情况组合成先筛后碎或者先碎后筛系统。

The portable crushing plant has the advantages of easy transportation, low transportation cost flexible configuration,
convenient maintenance etc. It can be operated as independent units, or as two-stage crushing plant with primary and
secondary crushing, or as three-stage crushing plant with primary, secondary, and tertiary crushing according to different
clients' requirements. Likewise, it can be easily adjusted to suit the crushing application by choosing feeding to crusher or
feeding to screen options.

Feed to crusher option



Feed to screen option



◆ MTM中速T形磨粉机

MTM Medium Speed Trapezium Mill

产品概述

MTM中速T形磨粉机是我公司在多年研发工业磨粉机的基础上，引进世界一流的工业制粉技术，组织大量的技术专家和相关工程人员经过精心设计、试验和改进开发出的世界领先水平工业磨粉机。该机采用梯形工作面、柔性连接、磨辊连动增压等多项磨粉机国家专利技术，完全克服了传统工业磨粉机在适用范围、产量、细度、能耗、使用寿命等方面的缺陷，是传统磨粉机的替代产品。

该机型在设计中充分考虑脱硫制粉的需要，可与脱硫设备完美匹配，从而提高脱硫效率，成为国内外脱硫制粉的首选设备。目前该机型已广泛使用于电力、矿山、冶金、化工、钢铁、建材、煤炭等行业，产生了巨大的经济和社会效益。

工作原理

MTM中速T形磨粉机主机工作过程是通过减速机带动中心轴转动，轴的上端连接着磨辊吊架，架上装有磨辊装置并形成摆动支点。磨辊装置不仅围绕中心轴回转，还围绕磨环公转。磨辊本身因摩擦作用而自转。磨辊吊架下装有铲刀系统，其位置处于磨辊下端，铲刀与磨辊同转过程中把物料抛起喂入磨辊与磨环之间，形成垫料层，该料层受磨辊旋转产生向外的离心力（即挤压力）碾压，达到制粉目的。

Brief Introduction

MTM Medium Speed Trapezium Mill is a world leading level industrial mill. It is designed by our engineers and technical workers, basing on many years' industrial mill designing experience, adopting world leading powder making technology. Our machine adopts numbers of national patents of mill, such as trapezium working surface, flexible connection, roll linked pressure boost, etc. It has totally overcome many defects of traditional mill, like application, capacity, fineness, energy



consumption, service life, etc., and it is the ideal substitute of traditional mill, such as raymond mill, high pressure suspension mill, ball mill, etc. Nowadays, it has been widely used in metallurgy industry, electric power industry, chemical, building, steel industry, coal industry, etc., and it has achieved large economic benefits and social benefits.



Working Principle

The entire cycle of events in the machine requires these steps: the speed reducer promotes the revolving of central axis, there is a cinquefoil shelf connected on the top of the axis, and the roller device is equipped on the shelf and forms a swing pivot. The roller device doesn't only rotate around the centering axis but also revolves round the ring, and the roller rotates itself because of rubbing action. There are shovel blades equipped bottom of the cinquefoil shelf. When shovel blades rotate with rollers, they throw up the materials and send them into the space between rollers and ring and then form a material bed, produced by the rotating of rollers. The material is crushed by the centrifugal force.

规格与性能参数表 Specifications:

型号 Model	磨辊 数量 Number of roller (piece)	磨辊大径 × 高度 Major diameter of roller × Height (mm)	主机 转速 Main engine spindle speed (r/min)	最大进 料粒度 Maximum feeding grain size (mm)	成品粒度 Grain size of finished product (mm)	产量 Output (T/h)	主机电动 机功率 Motor of main equipment Power (Kw)	选粉机 调速电 动机功率 Motor of adjustable varying speed motor Power (Kw)	离心引 风机电 动机功率 Motor of blower Power (Kw)
HTM 100	4	Φ320×200	130	<25	1.6~0.045 最细可达0.038	3~8.8	45	5.5	37
HTM 130	5	Φ400×240	98	<30	1.6~0.045 最细可达0.038	6~13	90	7.5	75
HTM 160	6	Φ440×270	82	<35	1.6~0.045 最细可达0.038	13~22	132	11	110

注：表中产量指粉磨石灰石，成品细度80-200目，通过率80%，空气湿度低于60%，各项参数及外形若有变更，恕不另行通知。

Note: The output in the form refers to grind limestone to 80% pass 200 meshes, air humidity less than 60%. Any change of technical data shall not be advised additionally.

◆ XZM中速微粉磨 XZM Ultrafine Mill

产品概述

XZM中速微粉磨是我公司积二十余年的工业磨粉机生产技术经验，集成国内外粉体设备研发技术优势，组织国内顶尖的制粉专家和相关专业技术人员，经过多次创新、设计开发出的高效率低能耗超细粉加工设备，成功解决了国内外超细制粉采用气流磨效率低、成本高的难题。经国内外千余家用户使用证实：产品性能优越、品质稳定，大大提高了产品级次和附加值，经济效益十分显著。

工作原理

主机电动机通过减速机带动主轴及各层转盘旋转，转盘通过柱销带动几十个环辊在磨环滚道内滚动并旋转。大块物料经锤式破碎机破碎成小颗粒后由提升机送入储料仓，电磁振动给料机将物料均匀的送到上转盘的中部，物料在离心力的作用下散向圆周边，并落入磨环的滚道内被环辊冲压、滚碾、研磨而粉碎，物料经第一层粉碎后落入第二层及第三层，高压离心风机的抽吸作用将外部空气吸入机内，并经过第三层粉碎后的粗粉带入洗粉机内。洗粉机内旋转的滚轮使粗颗粒物料回落重磨，细粉则随气流进入旋风集粉器并由其下部的卸料阀排出即为成品，而带有少量细粉尘的气流则经过脉冲除尘器净化后通过风机和消声器排出。



Brief Introduction

XZM Ultrafine mill, which is designed by our engineers and technicians on the basis of multiple innovation, test and experience over two decades, has absorbed many advantages of home and abroad mill manufacturing technique. It has been proved by thousands of customers that our machine has out-standing features and stable quality. Our mill can upgrade it's production and the additional value which is suitable for our customer to use.

Working Principle

The main bearing and each dial are driven by electromotor of main machine through reducer, and numbers of roller which are rolling in the ring, and are driven by dial through plunger. After being crushed by hammer crusher, the big materials become small size ones and they are sent to storage bin



by elevator. The electromagnetic vibrating feeder will send them to the middle of first dial evenly, the materials will be driven to the edge of dial by centrifugal force, and descended, crushed and grinded by rollers. Then the materials will descend into the second and third ring, and crushed and

ground. The high pressure centrifugal blower will inhale air from the outside and blow the materials which are ground in the third ring to powder classifier. The rotating turbo in the powder concentrator will make the coarse materials return to the mill and reground, while the fineness will mix

with the air and be drawn to the cyclone and be discharged from the discharge valve which is in the bottom of it. The air which mixed with very little fineness will be purified by impulse duster and discharged by blower and muffler.

规格与性能参数表 Specifications:

型号 Model	环辊 数量 Number of roller (piece)	工作 直径 Ring diameter (mm)	滚道 环数量 Number of ring (piece)	最大进 料粒度 Max. inlet size (mm)	成品粒度 Final size (mesh)	产量 Capacity (kg/h)	主机 转速 Main equipment rotate speed. (r/min)	主机电动 机功率 Motor of main Equipment Power (Kw)	分析机功率 (变频电动机) Classifier Frequency modulation motor Power (Kw)	鼓风机 电动机 功率 Motor of blower Power (Kw)
XZM215	15	Φ600	3	≤10	325-2500	350-2500	235	37	11	30
XZM221	21	Φ800	3	≤10	325-2500	600-4000	235	55	18.5	45
XZM227	27	Φ1000	3	≤10	325-2500	900-6000	235	110	30	90

注：表中产量和细度以石灰石为例，各项参数及外形若有变更，须发货时随机附带的的使用维护说明书为准。
Note: If there is any modification, all parameter and overall dimension are subject to the operating instructions.

◆ 高压悬辊磨粉机 High Pressure Suspension Grinder

高压悬辊磨系我公司专利产品，适用于重晶石、石灰石、陶瓷、矿渣等莫氏硬度不大于9.3级，湿度在6%以下的非易燃易爆的矿山、冶金、化工、建材等行业260多种物料的高细制粉加工，成品粒度在80-425目范围调节（最细1000目）。通过机内增加的特殊装置，设备可生产出30-80目的粗粉。

工作过程

高压悬辊磨主机内，磨辊吊架上紧固有1000-1500公斤压力的高压弹簧。开始工作后，磨辊围绕主轴旋转，并在高压弹簧与离心力的作用下，紧贴磨环滚动，其滚动压力比同等条件下的雷蒙磨粉机高1.2倍，产量大为提高。

当被磨物料进入磨腔后，由铲刀铲起送入磨辊与磨环之间进行碾磨，碾磨后的粉末随鼓风机的循环风带入分析机，合格细粉随风流入旋风集粉器，大颗粒物粒落回重磨，循环风返回鼓风机重复以上过程，余风则进入袋式除尘器净化。

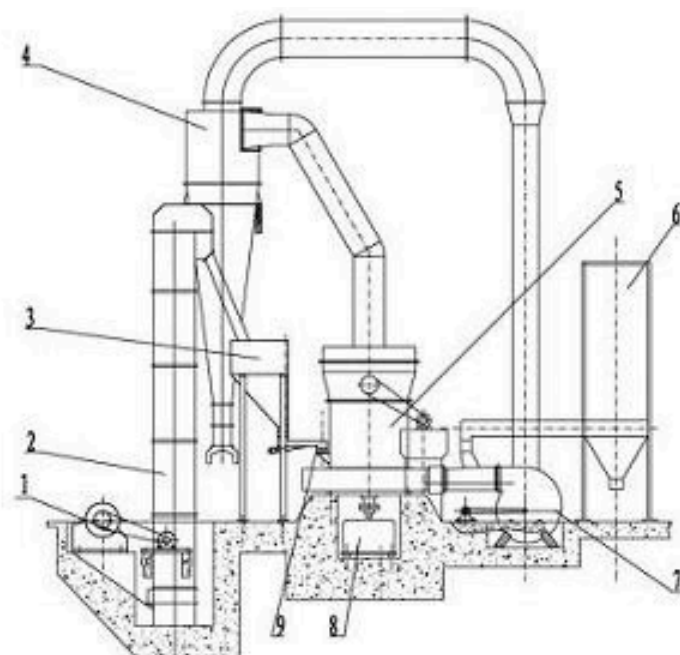
当磨辊与磨环达到一定磨损后，调移高压弹簧长度，保持磨辊与磨环之间恒定碾压力，从而保证稳定的产量与细度。

This series is used in grinding the non-inflammable and non-explosive stuff which has the Moh's hardness below 9.3, humidity less than 6%, such as mining, metallurgy, chemical industry, construction, etc. The final products change from 80 to 425 meshes and part of them can add up to 1000 fineness. By being equipped particular parts, the machine can produce thick powders ranging from 30 to 80 meshes.

Working process

In the main frame, 1000-1500kg pressure spring is fixed to the roller suspender. After the grinder is put into effect, the roller rotates around the main shaft, and rolls closely against the grinding ring effected by the high pressure spring and centrifugal force. And its rolling pressure ratio is 1.2 times higher than Raymond grinder under the same power condition and the production output is raised to a substantial degree.





- | | |
|----------|-------------------|
| 1. 颚式破碎机 | Jaw Crusher |
| 2. 提升机 | bucket elevator |
| 3. 储料斗 | Storage Hopper |
| 4. 集粉器 | Cyclone collector |
| 5. 主机 | Main unit |
| 6. 布袋除尘器 | bag filter |
| 7. 鼓风机 | blower |
| 8. 减速机 | Gear box |
| 9. 振动给料机 | vibrating feeder |

When the stuff is loaded into the grinding cavity, it is shoveled into the space between the roller and the ring for grinding. The resulted powder is routed to the analyser along the circulation wind belt of the blower and the standard fine powder is guided to the cyclone collectors product and large size stuff falls back to the grinder for regrinding. The circulation wind returns to the blower to repeat the above process and the afterwind enters into bag deduster for purification.

When the rollers and the ring are abraded to a certain extent, it is recommended to adjust the length of the spring to maintain the constant pressure between the rollers and the ring. As a result, the stable output and fineness are ensured.

规格与性能参数表 Specifications:

型号 Model	磨辊个数 Roller Number	磨辊尺寸 Roller Size (L×H) (mm)	磨环内径和高度 Ring Inside Dia. and Height (mm)	最大进料粒度 Max. Feed Size (mm)	成品粒度 Fineness of Product (mm)	产量 Capacity (t/h)	主机功率 Mainframe Power (KW)	重量 Machinery Weight (t)	外形尺寸 Overall Dimension (mm)
YGM65	3	210×150	650×150	15	0.613-0.033	0.4-1.8	15	3.8	4100×3300×4500
YGM75	3	260×150	780×150	15	0.613-0.033	1-3	18.5	4.8	4300×3500×5100
YGM85	3	270×140	830×140	20	0.613-0.033	1.2-4	22	8.5	5300×4100×5200
YGM95	4	310×170	950×170	25	0.613-0.033	2.1-5.6	37	16	7100×5900×7900
YGM130	5	410×210	1280×210	30	0.613-0.033	2.5-9.5	75	25.7	7900×8000×9700

注：上述机器的重量，其中YGM65、YGM75、和YGM85的是指主机重量，而YGM95和YGM130的是指整机重量。

Note: Above weights of YGM65, YGM75, YGM85 are one of mainframe but the weight of YGM95 and YGM130 is that of a complete set of equipment.

②表中产量指粉磨石灰石，成品细度200目，通过率90%，各项参数及外形若有变更，依发货时随机附带的的使用维护说明书为准。

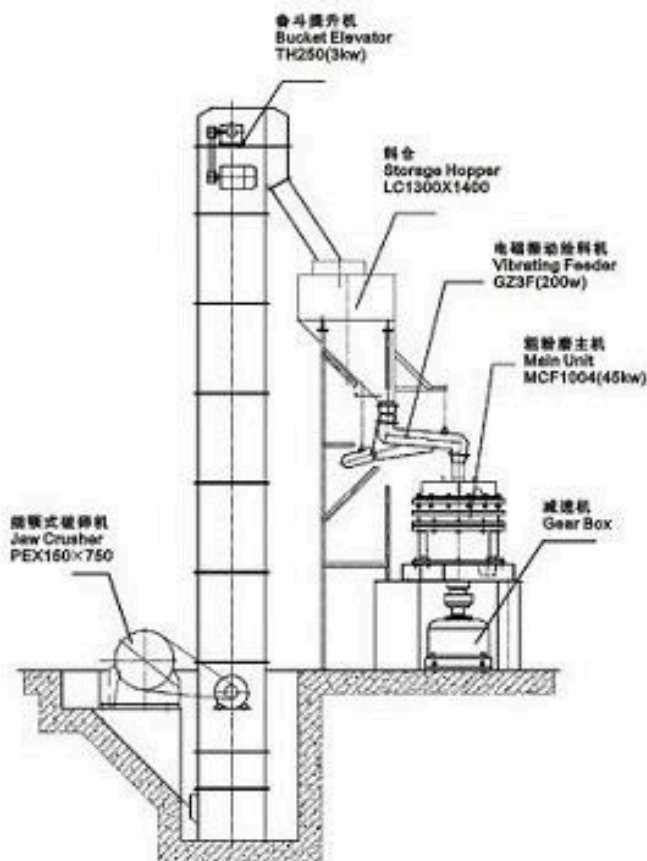
Notes: the output in the form refers to grind limestone to 80% pass 200 meshes.

If there is any modification, all parameter and overall dimension are subject to the operating instructions.

◆ MCF粗粉磨

MCF Coarse Powder Mill

MCF系列粗粉磨是我公司磨粉设备专家集多年来在磨粉行业的研究经验，根据国内外客户的建议和要求，而设计出的一种新型高效磨粉设备，替代了雷蒙磨、球磨等只能加工细粉的传统磨粉设备，它广泛适用于石英砂、硅砂、铸造砂、磨具磨料砂等细砂行业，与选粉设备配套组成的闭路生产线，可生产出各种粒度的产品，使用更广泛、效果更佳。



MCF series Coarse Powder Mill is a kind of new high-tech milling machine to meet the requirements of coarse powder processing customers. Based on our experts' years' research experience in the milling industry and considering recommendations and requirements of domestic and foreign clients, it is the ideal equipment to replace Raymond Mill, ball mill, and other traditional mill which only process fine power materials. It is high-efficiency equipment and widely applied in quartz sand, silica sand, foundry sand, fine sand and other sand abrasive industry. By being a component of closed production lines, It can produce various size products of better effect.

技术优势

1. 该机磨损材料利用率高、磨损均匀，比雷蒙磨寿命高出3倍；
2. 该设备加工细沙，效果明显，细沙含量高，1-2毫米可达80%；
3. 该设备是电厂脱硫的一种高效设备，可将CaCO₃粉磨成小于1-2毫米的细料，进行脱硫效果更佳；
4. 该设备可作为球磨前的预磨，可使球磨的效率提高50%；
5. 该设备加工出的产品用于制作耐火砖、免烧砖、砌块等新型建筑材料的颗粒与粉的级配最佳；
6. 该设备主要用于各种能粉碎的脆性物料、硬度小于莫氏硬度9级以下的非易燃易爆物料的预磨加工。

Technology Advantages

1. High efficiency of wear material, wear evenly, the lifetime is three times higher than that of Raymond Mill;
2. High percentage of sand can be produced by this machine;
3. The mill is a highly efficient desulfurization equipment of power plant. It can grind CaCO_3 into fine powder less than 1-2mm, the desulfurization effect is better;
4. This machine can be used as pre-grind equipment before ball mill; the ball mill efficiency will increase 50%.
5. Products out of this machine can be used to make firebrick, concrete brick, block and other new building materials;
6. Mainly used for pre-processing of various crushable non-inflammable & non-explosive brittle materials with Mohs hardness less than nine.



规格与性能参数表 Specifications:

参数 Parameter	产品 Product	型号 Model	
名称 Name		MCF1004	MCF1205
磨辊数量(个)	Roller quantity(pcs)	4	5
进料最大粒径(毫米)	Max. feeding size(mm)	<30	<35
开路成品粒度(毫米)	Product size(mm)	70-90%<2	70-90%<2
开路生产能力(吨/小时)	Capacity(ton/hour)	8-15	16-30
主机功率(千瓦)	Main motor power(kw)	37-45	75-90
主机外形尺寸(毫米) (长×宽×高)	Overall size(mm) (L×W×H)	1870×1500×2580	2350×1850×2850
设备重量(吨)	Total weight(excluding electricity control cabinet)(ton)	8	14
配套设备 Optional Equipment			
细碎颚破	Jaw crusher	PEX150×750	PEX250×1000
配用功率(千瓦)	Power(kw)	15	30
漏斗提升机	Bucket elevator	TH250	TH315
配用功率(千瓦)	Power(kw)	3	7.5
电磁振动给料机	Vibrating feeder	GZ3F	GZ4F
功率(千瓦)	Power(kw)	0.2	0.4

注: 各项参数及外形若有变更, 恕不另行通知。 Note: Any change of technical data shall not be advised additionally.

◆ 锤式破碎机 Hammer Crusher

本产品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,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。

The PC hammer crusher crushes materials by the collisions between high-speed hammer and material, which features its simple structure, high reduction ratio, high efficiency, ect. The PC hammer crushers are developed for both dry and wet crushing of brittle, medium-hard materials of the mining, cement, coal, metallurgic, construction, road building, and Petroleum & Chemical industries.



规格与性能参数表 Specifications:

型号 Model	给料粒度 Input size (mm)	出料粒度 Output size (mm)	产量 Capacity (t/h)	功率 Power (kw)	重量 Weight (t)
PC 400×300	<100	<25	5-10	11	0.8
PC 600×400	<220	<25	10-25	22	1.5
PC 800×600	<350	<25	20-50	55	4.7
PC 800×1000	<400	<35	20-75	110	7.9

注: 各项参数及外形若有变更, 依发货时随机附带的的使用维护说明书为准。
Notes: If there is any modification, all parameter and overall dimension are subject to the operating instructions.

◆ 球磨机 Ball mill

球磨机适用于粉磨各种矿石及其它物料，被广泛用于选矿，建材及化工等行业，可分为干式和湿式两种磨矿方式。根据排矿方式不同，可分格子型和溢流型两种。

Ball mills are used primary for single stage fine grinding. It is the key equipment that repulverizes the material after it is crushed, which is widely used in the manufacture industries, such as cement, silicate, new building material, refractory material, fertilizer, mill run of ferrous metal, nonferrous metal and glass ceramics and can be used for the dry and wet pulverization for all kinds of ores and other grindable materials.



规格与性能参数表 Specifications:

规格型号 Model	筒体转速 Speed of Bucket (r/min)	装球量 Weight of Ball (t)	给料粒度 Size of Feed Opening (mm)	出料粒度 Size of Outputting (mm)	产量 Capacity (t/h)	电机功率 Power (kw)	重量 Weight (t)
φ900×1800	38	1.5	≤20	0.075-0.89	0.65-2	18.5	3.6
φ1200×2400	32	3.8	≤25	0.075-0.6	1.5-4.8	45	12.5
φ1200×4500	32	7	≤25	0.074-0.4	1.6-5.8	55	13.8
φ1500×3000	27	8	≤25	0.074-0.4	2-5	90	17
φ1500×5700	27	15	≤25	0.074-0.4	3.5-6	132	24.7
φ1830×3000	24	11	≤25	0.074-0.4	4-10	180	28
φ1830×6400	24	23	≤25	0.074-0.4	6.5-15	210	34
φ1830×7000	24	25	≤25	0.074-0.4	7.5-17	245	36
φ2200×5500	21	30	≤25	0.074-0.4	10-22	370	48.5
φ2200×7500	21	33	≤25	0.074-0.4	16-29	475	56

注：表中产量和细度以石灰石为例，各项参数及外形若有变更，依发货时随机附带的的使用维护说明书为准。
Notes: If there is any modification, all parameter and overall dimension are subject to the operating instructions.

◆ 客户现场 Customers' Spot



