上海英用机械有限公司

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上海英用机械有限公司

SHANGHAI YINGYONG MACHINERY CO., LTD.

合作·共赢·创新·发展

WIN-WIN COOPERATION AND INNOVATION

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COMPANY PROFILE
公司介绍

01

欢迎莅临上海英用机械有限公司。我司坐落于上海，是一家专业从事水泥机械、冶金机械、电力设备和矿山机械生产的企业。我司拥有设计、研发、制造、安装调试以及售后服务的全面实力。凭借雄厚的技术实力和丰富的经验，我们为客户提供高品质产品和一站式解决方案。多年来，我们完成众多国际工程供货项目，并赢得了客户的高度认可。

Shanghai Yingyong Machinery Co is located in Shanghai, a professional enterprise engaged in the production of cement machinery, metallurgical machinery, power equipment and mining machinery. We have comprehensive strength in design, R&D, manufacturing, installation and commissioning as well as after-sales service. With strong technical strength and rich experience, we provide customers with high quality products and one-stop solutions. Over the years, we have completed many international engineering supply projects and won high recognition from our customers.

我司拥有卓越的铸造、锻造、焊接、加工、装配和测试能力。我们的检测设备齐全，包括磁粉探伤、超声波探伤、渗透探伤、射线探伤等多项先进技术，严格把控产品质量。主要产品包括: 球磨机、立式磨、回转窑、破碎机、辊压机、塔磨机、X射线分选机以及 NPK 肥料生产线等。我司产品已通过 CE、ISO 认证，并可提供 OEM 服务，同时接受 SGS、TUV、BV 等知名国际检测机构的检验。

Our factory has strong casting, forging, welding, processing, assembly, and testing capacity. We have a full range of testing equipment, including magnetic particle flaw detection, ultrasonic flaw detection, penetration flaw detection, radiation flaw detection and many other advanced technologies. Our strict QCP plan makes every product high quality. Our main products include: Ball Mill, Vertical Roller Mill, Rotary Kiln, Crusher, HPGR Roller Press, VTM Tower Mill, X-ray Intelligent Ore Sorter, and NPK fertilizer Production Line, etc. Our products have passed CE and ISO certificates, and we can provide OEM service.We accept the inspection of SGS, TUV, BV and other well-known international testing organizations.



关于我们　ABOUT US

我们的产品已出口到100多个国家，包括美国、俄罗斯、西班牙、意大利、沙特阿拉伯、芬兰、澳大利亚、印度尼西亚、巴西、智利、巴基斯坦、埃及、墨西哥、哈萨克斯坦等。我们提供24小时在线咨询服务。欢迎发送咨询并参观我们的工厂，我们期待与您合作。

Our products have been exported to more than 100 countries, including America, Russia, Spain, Italy, Saudi Arabia, Finland, Australia, Indonesia, Brazil, Chile, Pakistan, Egypt, Mexico, and Kazakhstan. We provide 24-hour online consultation. Welcome to send inquiries and visit our factory. We look forward to cooperating with you.

使命　MISSION

英用将通过整合行业资源，不断完善自身的服务能力，为客户打造值得信赖的采购环境，创造公开、诚信、专业、高效”的工业品一站式服务体系，让世界工业信赖中国制造。

By integrating industry resources and continuously improving our service capabilities, SYM will create a trustworthy procurement environment for customers and create an open, honest, professional, and efficient one-stop service system for industrial products, which will enable the international industry to rely on China.

业务范围　BUSINESS AREA



水泥建材

Cement & Building Materials



火电能源

Thermal Power



矿山开采

Mining



钢铁冶金

Iron & Steel Metallurgy

产品证书 Product Certificates

















我们的客户

我们在水泥、建材、火电、钢铁、矿山行业与国际知名企业建立良好的合作关系，业务覆盖东南亚、中亚、南美、中东、欧洲、非洲、澳洲等100多个国家和地区，赢得了客户一致好评。

COOPERATIVE CLIENTS

We have established good cooperative relations with internationally renowned companies in the cement, building materials, thermal power, steel, and mining industries. Our business covers more than 100 countries and regions, including Southeast Asia, Central Asia, South America, the Middle East, Europe, Africa, and Australia, and has earned praise from customers.



HEAT TREATMENT WORKSHOP

热处理车间

退火炉

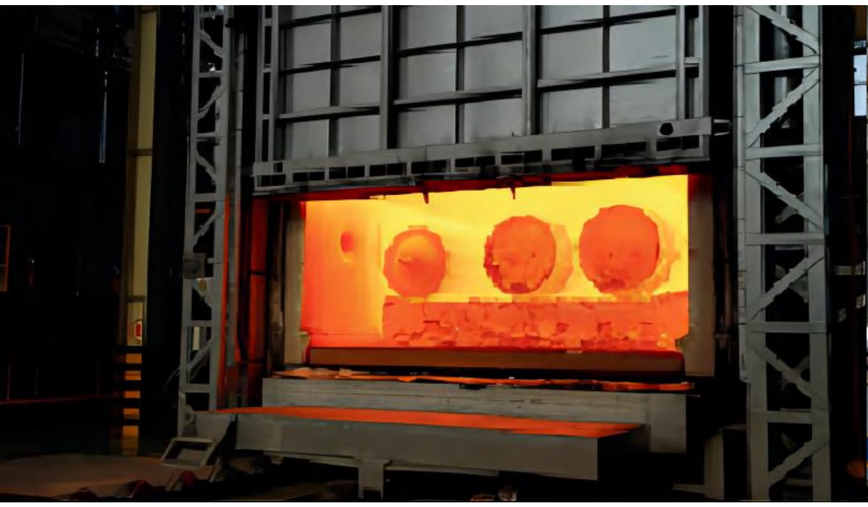
Annealing Furnace

OUR FACTORY

工厂展示

上海英用机械有限公司是一家专注于机械设备生产和解决方案提供的公司。我们的工厂有铸造车间、锻造车间、机加工车间、热处理车间等。我们致力于产品创新和技术改进，与科研机构和合作伙伴的紧密合作，使我们能够引领行业的最新趋势，并为客户提供更具竞争力和高效的解决方案。

Shanghai Yingyong Machinery Co., Ltd. is a company specializing in the production of machinery and equipment and the provision of solutions. Our factory has casting workshop, forging workshop, machining workshop, heat treatment workshop and so on. We are committed to product innovation and technological improvement, and our close cooperation with research institutes and partners enables us to lead the latest trends in the industry and provide our customers with more competitive and efficient solutions.



热处理炉

Heat Treatment Furnace



热处理炉

Heat Treatment Furnace



淬火油池

Quenching Oil Pool

铸造车间

CASTING WORKSHOP



01

造型车间

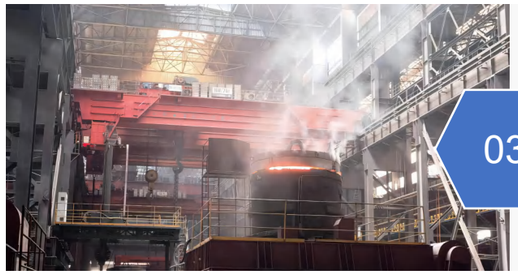
Molding Workshop

02

中频炉

Medium Frequency Furnace





03

电弧炉

Electric Arc Furnace

04

浇筑车间

Foundry Workshop



锻造车间

FORGING WORKSHOP



01

自由锻造

Free Forging

02

自由锻造

Free Forging





03

环形锻造

Ring Forging

04

自由锻造

Free Forging



MACHINING
机加工车间

QUALITY INSPECTION
质量检测



滚齿机

Gear Hobbing Machine



齿轮轴专用铣床

Special Milling Machine



重型立车

Heavy Duty Vertical Lathe



重型卧式车床

Heavy Duty Horizontal Lathe



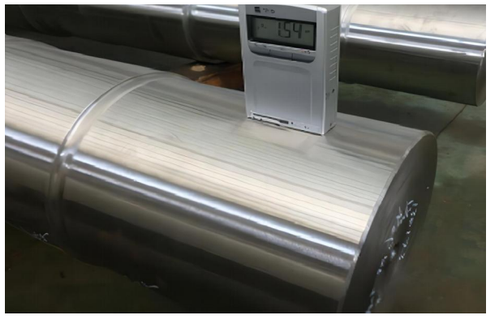
磁粉探伤

Magnetic Particle Testing



超声波检测

Ultrasonic Testing



粗糙度检测

Roughness Testing



硬度检测

Hardness Testing



QUALITY INSPECTION

质量检测

尺寸检测

Dimensional Inspection







煅烧设备 Calcination Equipment

水泥/石灰回转窑
Cement / Lime Rotary Kiln



回转窑属于建材和节能型高温煅烧设备,按处理物料不同可分为水泥回转窑、冶金化工回转窑和石灰回转窑。其中水泥回转窑是水泥熟料干法和湿法生产线的主要设备。

石灰的用途是非常广泛的。常见于建筑、建材、冶金、化工、轻工、环保、医药和农业等众多领域。特别是在炼钢、炼铁、烧结、铜、铝冶炼等行业中,将石灰作为造渣剂、溶解剂或烧结材料等方面,它都发挥出了非常重要的作用。

Rotary kiln belongs to building materials and energy-saving high-temperature calcining equipment. It can be divided into cement rotary kiln, metallurgical rotary kiln and lime rotary kiln according to the different materials processed. Among them, cement rotary kiln is the main equipment of cement clinker dry process and wet process production line.
The use of lime is very wide. It is commonly used in many fields such as construction, building materials, metallurgy, chemical industry, light industry, environmental protection, medicine and agriculture. Especially in the steelmaking, ironmaking, sintering, copper, aluminum smelting and other industries, lime is used as a slag-making agent, dissolving agent or sintering material, and it plays a very important role.





参数规格 Parameter specifications



规格 Specification	生产能力 Production capacity	窑体转速 Kiln speed	主电动机 Main motor		主减速器 Main gearbox	重量 Weight
m	t/d	r/min	型号 model	功率 kw	型号 model	t
Φ3.2×50	1000	0.36∽3.57	ZSN4-280-091B	160	ZS995-40	259
Φ3.3×50	1200	.36∽3.57	ZSN4-280-091B	160	NZS995-40	266
Φ3.5×52	1500	0.35∽3.51	ZSN4-315-082	190	NZS995-25	318
Φ 3.5×54	1500	0.41∽4.06	ZSN4-315-072	250	ZSY560-40	327
Φ 4.0×60	2500	0.41∽4.07	ZSN4-355-092	315	YNS1110-22.4V	446
Φ 4.2×60	3000	0.4 ∽3.98	ZSN4-355-12	375	JH560-SW-28	491
Φ 4.3×60	3200	0.4∽4.0	ZSN4-355-12	400	YNS1400-31.5	536
Φ 4.3×62	3200	0.4∽4.0	ZSN4-355-12	420	YNS1400-31.5VIBL	47.5
Φ 4.3×64	3500	0.4∽4.0	ZSN4-355-12	420	YNS1400-31.5VIL	552
Φ 4.3×66	3500	0.4∽4.0	ZSN4-355-12	450	YNS1400-31.5VIBL	560
Φ 4.8×74	5000	0.35∽4.0	ZSN4-400-092	630	JH710c-SW305-40	859
Φ 5.0×74	6000	0.35∽4.0	ZSN4-450-092	710	JH800c-SW306-28	877
Φ 5.6×87	8000	0.35∽4.0	ZSN4-450-12	800	JH900c-SW305-25	1201
Φ 6.0×95	10000	0.35∽4.0	ZSN4-500-092	950×2	JH900c-SW305-28	1580
Φ 6.2×96	12000	0.35∽4.0	ZSN4-560-092	1100×2	JH900c-SW305-28	1730

说明:该技术参数表仅供参考
Note: This technical parameter table is for reference only.

煅烧设备 Calcination Equipment

电（外）加热回转窑
Electric (external) Heating Rotary Kiln



外加热电回转窑适用于非金属矿、金属矿、医药、食品、化工产品和农产品等物料的燃烧、焙烧、分解和干燥等作业。

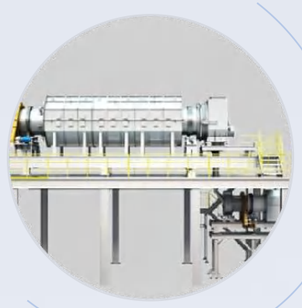
电加热回转窑是在原来单筒回转窑的基础上，并结合客户生产需要和环保要求，衍生出来的新型回转窑，可以使用电作为热源进行加热.

External electric heating rotary kiln is suitable for the combustion, roasting, decomposition and drying of non-metallic minerals, metal minerals, medicines, foods, chemical products and agricultural products.

The electric heating rotary kiln is a new type of rotary kiln derived from the original single-drum rotary kiln and combined with the production needs and environmental protection requirements of customers. It can use electricity as a heat source for heating.



参数规格 Parameter specifications

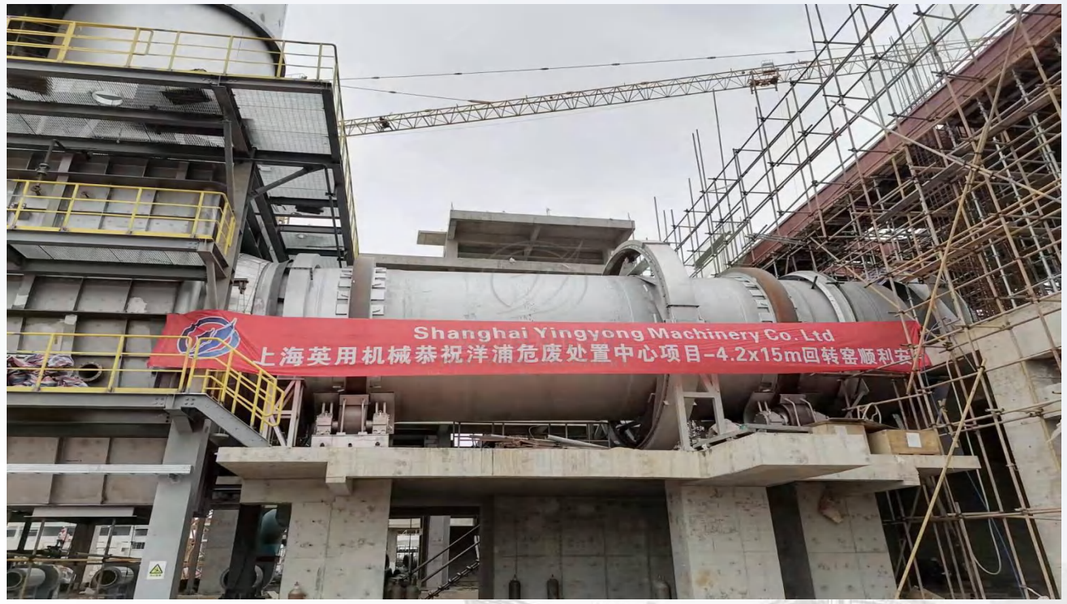


说明:该技术参数表仅供参考
Note: This technical parameter table is for reference only.

序号 No.	型号 Model	工作温度 Working temperature	内管尺寸 Inner tube size	加热功率 Heating power	倾角 Inclination	生产能力 Production capacity	供电电源 Power supply	重量 Weight
1	YDH100		φ0.1×4.5m	36kW		～4kg/h		～4T
2	YDH150		Φ0.15×4.5m	42kW	0.5～5.0°	～8kg/h		～4T
3	YDH200		φ0.2×4.5m	48kW		～15kg/h		～4T
4	YDH350		φ0.35×9m	68kW		～120kg/h		～8T
5	YDH400		φ0.4×9m	108kW	0.5～4.0°	～150kg/h		～10T
6	YDH500		φ0.5×9m	180kW		～250kg/h		～12T
7	YDH620		φ0.62×10.5m	260kW		～300kg/h		～15T
8	YDH700		φ0.7×10.5m	280kW	0.5～3.0°	～360kg/h		～18T
9	YDH800		φ0.8×10.5m	350kW		～480kg/h		～20T
10	YDH940	0-1200℃	φ0.94×12m	400kW		～650kg/h	380VAC 50HZ	～25T
11	YDH1000		φ1.0×12m	410kW		～750kg/h		～28T
12	YDH1100		φ1.1×12m	460kW		～900kg/h		～30T
13	YDH1250		φ1.25×12m	500kW		～1000kg/h		～35T
14	YDH1420		φ1.42×13.5m	600kW		～1350kg/h		～40T
15	YDH1500		φ1.5×13.5m	750kW	0.5～2.5°	～1500kg/h		～45T
16	YDH1600		φ1.6×15m	900kW		～1600kg/h		～50T
17	YDH1800		φ1.8×15m	1000kW		～1900kg/h		～55T
18	YDH2000		φ2.0×15m	1100kW		～2200kg/h		～60T
19	YDH2200		Φ2.2×15m	1300kW		～2600kg/h		～70T

煅烧设备 Calcination Equipment

危废回转窑
Hazardous Waste Rotary Kiln



危废回转窑处理中心项目
Hazardous Waste Rotary Kiln Treatment Center Project

危废回转窑是针对危险废弃物中的固废、废液、废气和废浆(如有机污泥、无机污泥、医疗废物废液、石油化工废弃物、冶金化工废弃物等)的焚烧设备,回转窑设备通过转速的改变，可以调整废弃物在窑中的停留时间，并且对危险废弃物在高温空气及过量氧气中施加较强的机械碰撞,使废物物得到较大程度的燃烧处理,并得到最少程度的灰渣，便于后端工艺处理.

Hazardous waste rotary kiln is an incineration equipment for solid waste, waste liquid, waste gas and waste slurry (such as organic sludge, inorganic sludge, medical waste waste liquid, petrochemical waste, metallurgical chemical waste, etc.) in hazardous waste. The rotary kiln equipment can adjust the residence time of the waste in the kiln by changing the rotation speed, and exert strong mechanical collision on the hazardous waste in high-temperature air and excess oxygen, so that the waste can be burned to a greater extent and the least amount of ash can be obtained, which is convenient for subsequent process treatment.

参数规格 Parameter specifications



规格 Specification	生产能力 Production Capacity (t/d)	窑炉转速 Kiln speed (R/min)	电机功率 Motor power (kw)
Ø2.6×9	15	0.06~3 (adjustable speed)	15
Ø3.0×13	30	0.06~3 (adjustable speed)	22
Ø3.3×12	50	0.06~3 (adjustable speed)	22
Ø3.6×11	70	0.06~3 (adjustable speed)	37
Ø3.8×16	100	0.06~3 (adjustable speed)	37
Ø4.3×16	100-120	0.06~3 (adjustable speed)	45

说明:该技术参数表仅供参考
Note: This technical parameter table is for reference only.

研磨设备 Grinding Equipment

立磨
Vertical Mill



VRM 型立式磨结构

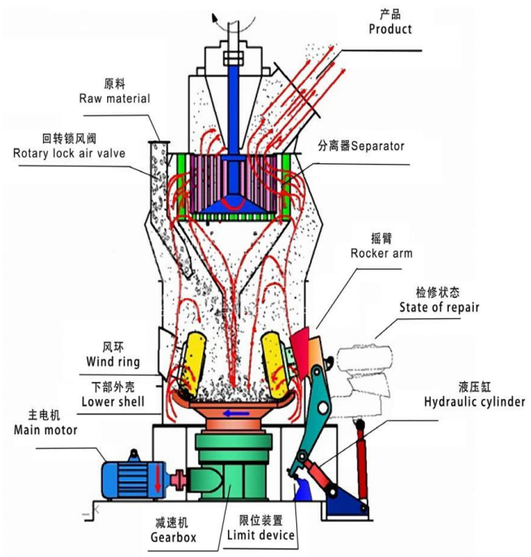
VRM 立式磨粉机主要有选粉机、磨辊装置、磨盘装置、加压装置、减速机、电动机、壳体等部分组成。配套设备有稀油润滑站、液压油站、干油站、主电动机、电器控制柜等。

Structure of VRM
VRM vertical mill mainly consists of classifier, grinding roller device, grinding table device, pressure device, reducer, motor and shell. The matching equipment includes thin oil lubrication station, hydraulic oil station, dry oil station, main motor, electrical control cabinet, etc.

产品简介

VRM 型立式磨在不同行业也通常被叫做辊式磨，中速磨等，该机型具有集破碎、粉磨、烘干、分级于一体等特点，可针对各类不同水分、性质和硬度的物料粉碎至所需要的粒度，是目前 磨粉行业的理想设备。

Product Description
Vertical Mill is often called Roller Mill and Medium Speed Mill in different industries. This model has the features of integrating crushing, grinding, drying and grading, which can crush all kinds of materials with different moisture, nature and hardness to the required size, and it is the ideal equipment in the grinding industry nowadays.



参数规格 Parameter specifications



型号规格Model	VRM1900	VRM2200	VRM2400	VRM2800	VRM3400	VRM3700	VRM4200	VRM4800
产量Capacity (t/h)	60-80	85-110	95-130	120-160	190-240	240-300	320-400	440-550
最大喂料粒度 Max.Feeding size(mm)	30	35	35	40	45	50	55	60
原料水分 Moisture of raw meal	<10%							
生料细度 Final fineness (%，R0.08)	≤12	≤12	≤12	≤12	≤14	≤14	≤14	≤15
生料水分 Final moisture (%)	≤1							
主电机功率 Main motor power (kW)	500	800	900	1250	1800	2800	3350	4500

说明:该技术参数表仅供参考
Note: This technical parameter table is for reference only.

型号规格Model	VRM1300M	VRM1400M	VRM1500M	VRM1700M	VRM1900M	VRM2200M	VRM2400M	VRM2800M
产量Capacity (t/h)	10-15	12-17	16-22	20-28	26-35	40-45	45-55	60-110
原煤水分 Moisture of raw coal	<10%							
煤粉细度 Final fineness (%,R0.08)	R0.08，筛余5%-12%R0.08,5%-12% residue							
煤粉水分 Final moisture	≤1%							
主电机功率 Main motor power (kW)	185-220	200-280	250-315	315-450	400-560	500-710	710-900	800-1250

说明:该技术参数表仅供参考
Note: This technical parameter table is for reference only.

Grinding Equipment

研磨设备

球磨机
Ball Mill



溢流型球磨机主要由筒体、端盖、主轴承、中空轴颈、传动齿轮和给矿器等部分组成。球磨机按照排矿方式 不同而分为格子型球磨机和溢流型球磨机，具有破碎比高，可靠性好、适应性强、处理能力大等优点，广泛地 应用于选矿、冶金、建筑及化工等工业，是磨矿作业的主要设备。

The overflow ball mill is mainly composed of cylinder, end cover, main bearing, hollow journal, transmission gear and feeder, etc. Ball mills are divided into grate ball mills and overflow ball mills according to different ore discharging methods. They have the advantages of high crushing ratio, good reliability, strong adaptability and large processing capacity. They are widely used in mineral processing, metallurgy, construction, chemical industry and other industries, and are the main equipment for grinding operations.

参数规格　Parameter specifications



溢流型球磨机技术参数表				Technical Parameter Table of Overflow Ball Mill					
型号 Model	筒体 Cylinder		有效容积 Effective volume (m^3)	装球量 Max.Ball loading (t)	转速 Speed (r/min)	产量 Capacity	出料粒度 Discharge size (mm)	主电动机 Main Motor (KW)	总重量 Weight
	直径 Diameter (mm)	长度 Length (mm)							
MQY-1530	1500	3000	4.5	8	30	6.3 ∽2.8	0.3 ~ 0.074	90	18
MQY-1545	1500	4500	6.7	12	30	9-3.8	0.3 ∽0.074	132	21
MQY-1830	1830	3000	6.7	12	26.6	12.5-4.5	0.3 ~ 0.074	130	33
MQY-1845	1830	4500	10.5	19	26.8	15.5 ∽6	0.3 ∽0.074	180	35.5
MQY-2130	2100	3000	9.2	16	23.8	18-5.8	0.3 ∽0.074	210	43
MQY-2136	2100	3600	11	20	23.8	22 ∽6.8	0.3 ~ 0.074	210	47
MQY-2145	2100	4500	13.8	25	23.8	25∽8	0.3 ∽0.074	280	54
MQY-2230	2200	3000	10	18.5	21.3	23 ~ 6.9	0.3 ∽0.074	210	48
MQY-2245	2200	4500	15.2	28	21.3	26.8 ~ 8.5	0.3 ~ 0.074	280	52
MQY-2430	2400	3000	12	22	21.3	26∽7	0.3 ∽0.074	245	51
MQY-2436	2400	3600	14	26	21.3	33.5 ~ 8.8	0.3 ~ 0.074	280	58
MQY-2445	2400	4500	17.8	30	21.6	42-11	0.3 ~ 0.074	320	69
MQY-2460	2400	6000	24	44	21.7	56-14.5	0.3 ∽0.074	480	78
MQY-2736	2700	3600	18	33	20.7	54-11.7	0.3 ~ 0.074	400	86
MQY-2740	2700	4000	20.6	38	20.7	60-13	0.3 ∽0.074	400	92
MQY-2745	2700	4500	23.2	43	20.7	67.5 ∽14.5	0.3 ∽0.074	480	98
MQY-2750	2700	5000	25.8	48	20.6	75-16	0.3 ∽0.074	500	106
MQY-2760	2700	6000	31	57	20.6	90-19.5	0.3 ~ 0.074	630	116
MQY-3040	3000	4000	25.7	47	19	78 ~ 16.5	0.3 ∽0.074	500	108
MQY-3064	3000	6400	40.2	74	19	125 ~ 26	0.3 ~ 0.074	800	138
MQY-3245	3200	4500	32	59	18.2	95 ~ 21.6	0.3 ∽0.074	630	126
MQY-3254	3200	5400	38	73	18.2	114 ∽25.9	0.3 ∽0.074	800	138
MQY-3270	3200	7000	50.6	93	18.2	148 ~ 30.2	0.3 ~ 0.074	1250	150
MQY-3645	3600	4500	40.8	75	18	136 ∽24.3	0.3 ∽0.074	1000	144
MQY-3650	3600	5000	46	86	18	151 ∽28.1	0.3 ∽0.074	1250	152
MQY-3660	3600	6000	54	102	18	181-32.4	0.3 ~ 0.074	1250	163
MQY-3685	3600	8500	79	131	18	256 -45.8	0.3 ∽0.074	1800	252
MQY-4060	4000	6000	70	126	16.9	226 ~ 40.5	0.3 ~ 0.074	1500	203
MQY-4067	4000	6700	78	136	16.9	252 ~ 45	0.3 ~ 0.074	1600	206
MQY-4361	4270	6100	80	144	15.7	258 ∽46	0.3 ∽0.074	1850	215
MQY-4564	4500	6400	95	172	15.6	306 ∽54	0.3 ~ 0.074	2000	280
MQY-5064	5030	6400	120	216	14.4	386 ∽68	0.3 ~ 0.074	2600	320
MQY-5083	5030	8300	152	266	14.4	500 - 88	0.3 ∽0.074	3300	403
MQY-5585	5500	8500	187	338	13.8	615∽108	0.3 ∽0.074	4500	525

说明：该技术参数表仅供参考
Note: This technical parameter table is for reference only.

Grinding Equipment

研磨设备

自/半自磨机
AG/SAG Mill



自磨机、半自磨机广泛用于黑色和有色金属矿以及非金属矿的矿石和岩石的粉磨作业，自磨机、半自磨机特别适合处理中硬以下硬度的有用矿物、呈粗粒均匀嵌布的岩石。具有工艺流程简单(省去了两段破碎机及筛分设备)，投资省，建设周期短，操作简单等优点，自磨机是一种兼有破碎和粉磨两种功能的新型磨矿设备。

Autogenous mills and semi-autogenous mills are widely used in the grinding of ferrous and non-ferrous metal ores and rocks of non-metallic ores. Autogenous mills and semi-autogenous mills are particularly suitable for processing useful minerals with hardness below medium hardness and rocks with coarse particles and uniform distribution. It has the advantages of simple process flow (eliminating two stages of crushers and screening equipment), low investment, short construction period, and simple operation. Autogenous mill is a new type of grinding equipment with both crushing and grinding functions.

参数规格　Parameter specifications



型号 Model	筒体直径 Cylinder diameter （mm）	筒体长度 Cylinder length (mm)	实用容量 Effective volume (m^3)	装载量 loading capacity (t)	转速 rotating speed (r/min)	电源 Power (kw)
SAG-40（AG-40）	4000	1400~3600	17~42	2~6	16.2	220~540
SAG-45（AG-45）	4500	1600~4100	24~61	3~9	15.3	320~830
SAG-50（AG-50）	5000	1800~4500	34~83	5~12	14.5	500~1200
SAG-55（AG-55）	5500	1800~5000	42~112	6~16	13.8	630~1700
SAG-61（AG-61）	6100	2400~5500	69~152	10~21	13.1	1050~2400
SAG-67（AG-67）	6700	2600~6000	93~201	13~28	12.5	1500~3300
SAG-73（AG-73）	7300	2800~6600	120~264	17~37	12.0	2000~4500
SAG-80（AG-80）	8000	3200~7200	160~347	22~48	11.4	2800~6200
SAG-86（AG-86）	8600	3400~7700	197~429	27~60	11.0	3500~7900
SAG-92（AG-92）	9200	3700~8300	246~530	34~74	10.7	4500~10000
SAG-98（AG-98）	9800	3900~8800	296~640	41~89	10.3	5600~12500
SAG-104（AG-104）	10400	4200~9400	359~770	50~107	10.0	7000~15400
SAG-110（AG-110）	11000	4400~9900	422~909	59~127	9.8	8400~19000
SAG-116（AG-116）	11600	4600~10400	492~1064	69~148	9.5	10000~22000
SAGZHEGEKEHULAI-122（AG-122）	12200	4900~11000	580~1246	81~174	9.2	12

说明：该技术参数表仅供参考
Note: This technical parameter table is for reference only.

Grinding Equipment

研磨设备

水泥球磨机
Cement Mill



水泥磨机是水泥厂水泥制造过程的重要组成部分,水泥球磨机可以对物料进行干式或湿式粉磨。被广泛应用于水泥、硅酸盐制品、耐火材料、化肥、黑色和有色金属选矿以及玻璃陶瓷等各个生产行业。

本机为圆筒形回转装置，外齿轮传动，两仓格型球磨机。物料经进料空心轴螺旋，经进料装置均匀进入磨机第一仓。 料仓内有梯形衬板或波纹衬板，内部装有不同规格的钢珠。筒体旋转产生离心力，将钢球带到一定高度后落下，从而对物料产生重击和研磨作用。物料在第一仓粗磨后，经单仓板进入第二仓，单仓内镶有平衬板，内装有钢珠，对物料进行进一步研磨。 粉体通过卸料箅子排出，完成粉磨作业。水泥磨具有物料适应性强、连续生产、破碎比大、粉磨产品细度调节方便等特点。水泥磨可采用湿法生产，也可采用湿法生产。也可同时研磨和干燥。

Cement mill is an important part of cement manufacturing process in cement plant. Cement ball mill can grind materials dry or wet. It is widely used in various production industries such as cement, silicate products, refractory materials, fertilizers, ferrous and non-ferrous metal beneficiation, glass and ceramics.

This machine is a cylindrical rotary device, external gear transmission, two-chamber grid type ball mill. The material enters the first chamber of the mill evenly through the feeding hollow shaft spiral.There are trapezoidal lining plates or corrugated lining plates in the chamber, and steel balls of different specifications are loaded inside.The rotation of the cylinder generates centrifugal force, which brings the steel balls to a certain height and then falls, thereby hitting and grinding the materials. After the materials are roughly ground in the first chamber, they enter the second chamber through the single chamber plate. The single chamber is inlaid with flat lining plates and filled with steel balls to further grind the materials. The powder is discharged through the discharge grate to complete the grinding operation. Cement mill has the characteristics of strong material adaptability, continuous production, large crushing ratio, and convenient adjustment of the fineness of the grinding products. Cement mill can be produced by wet method or wet method. It can also grind and dry at the same time.

参数规格　Parameter specifications



规格（m） Model	转速(r/min) Speed	入料粒度(mm) Feeding size	生产能力(t/h) Production capacity	研磨体装载量(t) Grinding ball loading	主电动机（KW） Main motor	主减速机 Main gearbox	总重量(t) Weight
φ2.2×9.0	21.5	<25	14～15	39	475	ZD70	69
φ2.2×9.5	21.5	<25	14～16	41	475	ZD70	74
φ2.2×11	21.5	<25	16～18	50	570	ZD80	109
φ2.2x13	21.5	<25	20～22	58	630	ZD80	114
φ2.4x10	20.3	<25	18～20	52	630	ZD80	108
φ2.4×11	20.3	<25	19～22 (Open Circuit)	57	630	ZD80	116
φ2.4×11	20.3	<25	22~25(Circulating Load)	57	630	ZD80	116
φ2.4×12	20.3	<25	21~23(Open Circuit)	63	800	MBY710	128
φ2.4×12	20.3	<25	24～26(Circulating Load)	63	800	JDX710	128
φ2.4×13	20.3	<25	22~24(Open Circuit)	68	800	MBY710	138
φ2.4×13	20.3	<25	25~28(Circulating Load)	68	800	JDX710	138
φ2.6×11	19.7	<25	24～26 (Circulating Load)	69	800	MBY710 JDX710	138
φ2.6×13	19.7	<25	28～32	82	1000	MBY800	158
φ2.6×13	19.7	<25	28～32	82	1000	JDX800	158
φ3.0×9.0	18.2	<25	28～32	78	1000	MBY800	158
φ3.0×9.0	18.2	<25	28～32	78	1000	JDX800	158
φ3.0x11	18.2	<25	31~35	95	1250	MBY800	178
φ3.0x11	18.2	<25	31~35	95	1250	JDX800	178
φ3.0x12	18.2	<25	32~36	100	1250	MBY800	182
φ3.0x12	18.2	<25	32~36	100	1250	JDX800	182
φ3.2x11	17.8	<25	40～45	110	1400	MBY900	215
φ3.2x11	17.8	<25	40～45	110	1400	JDX900	215
φ3.2×13	17.8	<25	45～50	128	1600	MBY1000	230
φ3.2×13	17.8	<25	45～50	128	1600	JDX1000	230
φ3.2×13	17.7	<25	50～55(Circulating Load)	128	1600	1C120-A	230
φ3.2×13	17.7	<25	50～55(Circulating Load)	128	1600	MFY160	230
φ3.2×14	17.8	<25	48～53	138	1800	MBY1000	249
φ3.2×14	17.8	<25	48～53	138	1800	JDX1000	249
φ3.5x11	17.1	<25	55～60(Circulating Load)	135	1800	JS120-B	220
φ3.5×13	17.3	<25	60～65(Circulating Load)	156	2000	JS130-A	275
φ3.8x12	17	<25	63～68(Circulating Load)	175	2500	JS130-C	197
φ3.8x13	17	<25	65～70(Circulating Load)	190	2500	JS130-C	245
φ4.0x13	16.3	<25	75～80(Circulating Load)	200	2800	JS140-A	250
φ4.2x11	15.8	<25	100～110(Circulating Load)	195	2800	JS140-A	248
φ4.2x13	15.8	<25	110～120(Circulating Load)	230	3150	JS140-C	255
φ4.2×14	15.6	<25	120～135(Circulating Load)	252	3550	JS150-B	270
φ4.2x15	15.6	<25	140～150(Circulating Load)	270	4000	JS160-B	288
φ4.6×14	15.1	<25	140～150(Circulating Load)	285	4200	JS160-C	320
φ4.6x15	15.1	<25	150～160(Circulating Load)	305	4500	JS160-D	335

说明:该技术参数表仅供参考
Note: This technical parameter table is for reference only.

Grinding Equipment

研磨设备

塔磨机
VTM Tower Mill



VTM塔磨机广泛应用于金矿、银矿、铜矿、镍矿、锰矿、铁矿、等多种矿石及固体颗粒的超细磨，该设备整机占地面积少、设备安装和操作简单，操作安全性更高、噪音小、使用寿命长、经济效益可观，磨矿效果达到先进水平。

VTM系列塔磨机，是对现有球磨机磨矿作业耗能高、介质消耗量大的问题，创造性研究开发的新型湿法细磨设备。塔磨机与球磨机结构类似，相当于是把球磨机筒体立起来的一种磨矿设备。相较于球磨机，塔磨机的研磨介质和物料之间接触面积大、粉磨强度高，单位产品功率消耗大为降低，节能效果达到30%以上，大大降低了生产费用。

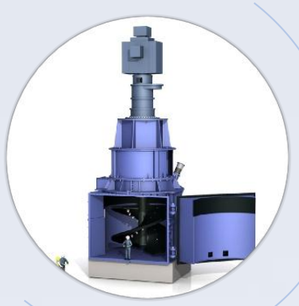
塔磨机结构主要由机体、搅拌螺旋（螺旋体、抗磨衬面及底边螺旋叶片）、驱动装置（电动机、减速机、搅拌螺旋支承系统等）和塔内研磨介质（陶瓷球、玻璃球、钢球等）四部分组成

Tower mill structure is mainly composed of four parts: mainframe, stirring spiral (spiral body, anti-wear lining and bottom spiral blades), the driving device (motor, reducer, stirring spiral support system, etc.) and the grinding media in the tower (ceramic balls, glass balls, steel balls, etc.).

VTM tower mill is widely used in ultrafine grinding of gold, silver, copper, nickel, manganese, iron and other ores and solid particles. The equipment occupies a small area, is easy to install and operate, has higher safety, low noise, long service life, considerable economic benefits, and the grinding effect reaches advanced level.nding reaches the domestic advanced level.

VTM series tower mill is a new type of wet fine grinding equipment creatively developed to solve the problems of high energy consumption and large medium consumption of existing ball mills. The tower mill is similar to the ball mill in structure, which is equivalent to a grinding equipment that stands up the ball mill cylinder. Compared with the ball mill, the tower mill has a large contact area between the grinding medium and the material, high grinding intensity, greatly reduced power consumption per unit product, and energy saving effect of more than 30%, which greatly reduces production costs.

参数规格　Parameter specifications



说明:该技术参数表仅供参考
Note: This technical parameter table is for reference only.

型号 Model	功率 Power (kw)	有效容积 Effective volume (m^3)	中等装载量 Medium loading quantity (t)	生产能力 Production capacity (t/h)	长*宽*高 Length * width *height (m)
VTM-30	30	2.76	11-14	1-3	1.5×1.7×7.2
VTM-50	50	2.76	11-14	2-4	1.5x1.7x7.3
VTM-75	75	5.39	19-25	3-6	1.8x2.0x7.9
VTM-100	100	7.66	24-33	4-8	2.1x2.3x8.7
VTM-150	150	11.45	27-41	6-13	2.3x2.5x9.2
VTM-200	200	16.56	39-56	8-17	2.7x2.9x10.0
VTM-300	300	21.62	51-73	11-25	2.9x3.1x10.8
VTM-400	400	27.37	64-92	16-36	3.2x3.4x11.5
VTM-500	500	31.57	74-107	20-45	3.4x3.6x12.0
VTM-600	600	36.08	85-122	25-55	3.6x4.0x12.7
VTM-800	800	45.99	108-155	33-74	4.0x4.3x13.5
VTM-950	950	57.10	134-193	39-88	4.3x4.5x13.9
VTM-1120	1120	66.22	156-224	46-103	4.6x4.8x14.4
VTM-1400	1400	79.44	187-268	58-129	4.9x5.0x15.1
VTM-1500	1500	86.5	204-292	62-138	5.0x5.2x15.4
VTM-1600	1600	86.5	204-292	66-148	5.0x5.2x15.7
VTM-1800	1800	97.65	230-330	74-166	5.3x5.4x16.0
VTM-2000	2000	109.47	258-370	83-185	5.5x5.6x16

Grinding Equipment

研磨设备

雷 蒙 磨
Raymond Mill



雷蒙磨有结构合理、性能稳定等显著特点，是加工矿石粉末的一种新型环保磨粉设备。适用于重晶石、方解石、钾长石、滑石、大理石、石灰石、陶瓷、膨润土、煤炭、高岭土等莫氏硬度不大于7级，湿度在6%以下的非易燃易爆的矿业、化工、建材、冶金等行业280多种物料的制粉加工。

Raymond mill is a new type of environment-friendly grinding equipment for ore powder processing, with reasonable structure and stable performance. Suitable for barite, calcite, potassium feldspar, talc, marble, limestone, ceramics, bentonite, coal, kaolin and other Moh's hardness is not greater than 7, humidity in the 6% below the non-flammable and explosive mining, chemical, building materials, metallurgy, and other industries, more than 280 kinds of materials for powder processing.

设备性能
1. 整机为立体结构，占地面积小，系统性强。
2. 传动装置采用密闭齿轮箱和带轮，传动平稳，运行可靠。
3. 采用集中控制的电气系统，车间基本可实现无人作业。

Equipment performance
1. The whole machine is three-dimensional structure, which covers a small area and is systematic.
2. The transmission device adopts closed gear box and belt wheel, and its transmission is smooth and reliable.
3. Using the centralized control electrical system, the workshop can basically achieve unmanned operation.





参数规格 Parameter specifications

型号 Model		MTM100(4R)	MTM130(5R)	MTM160(6R)	MTM190(7R)
磨辊数量(个) Rollers quantity(pcs)		4	5	6	7
磨辊大径X高度 Rollers outer diameter x height (mm)		φ310×170	φ410×210	φ440×270	φ460×280
磨环内径X高度 Grinding ring inner diameter x height(mm)		φ950×170	φ1280×210	φ1600×270	φ190×280
主机转速 Main machine rotation speed(r/min)		130	103	82	66
最大进料粒度 Max.Feeding size(mm)		<25	<30	<35	<35
磨辊直径 Grinding roller diameter(mm)		310	320	410	440
成品粒度 Finished product size(mm)		1.6-0.045	1.6-0.045	1.6-0.045	1.6-0.045
产量 Capacity(t/h)		3-8	6-11	9-22	18-35
主机电动机 Main motor	功率Power(kw)	37	75	132	185
离心引风机电动机 Centrifugal fan motor	功率Power(kw)	37	75	132	185
选粉机调速电机 Classifier frequency conversion motor	功率Power(kw)	5.5	7.5	18.5	22
提升机 Bucket elevator	提升机型号Model	TH210	TH210	TH315	TH315
	功率Power(kw)	3	3	4	4
颚式破碎机 Jaw crusher	颚破型号Model	PE200×350	PE250×400	PE250×750	PE250×750
	功率Power(kw)	7.5	15	22	22
电磁振动给料机 Vibrating feeder	型号Model	GZ2F	GZ3F	GZ3F	GZ3F

说明:该技术参数表仅供参考
Note: This technical parameter table is for reference only.

Grinding Equipment

研磨设备

超细微粉磨
Ultrafine Grinding Mill



产品概述

超细微粉磨是一种加工超细粉的工业设备，主要适用于加工莫氏硬度小于 9 级的非易燃 易爆的物料，如煤、云母、滑石、石墨、石 英石、萤石、方解石、石灰石、白云石、高 岭土、膨润土、伊利石、叶腊石、重晶石、 海泡石、钾长石、焦宝石、煤矸石等 200 余 种物料。

Product Overview

Ultrafine powder mill is an industrial equipment for processing ultrafine powder. It is mainly suitable for processing non-flammable and explosive materials with Mohs hardness less than 9, such as coal, mica, talc, graphite, quartz, fluorite, calcite, limestone, dolomite, kaolin, bentonite, illite, pyrophyllite, barite, sepiolite, potassium feldspar, coke gemstone, coal gangue and more than 200 other materials.









参数规格　Parameter specifications



型号 Model	平均工作直径 (mm) Average Working Diameter	磨环数量 Grinding Ring Numbers	磨辊数量 Grinding Roller Numbers	主轴转速 Main Shaft Speed (r.p.m)	入料粒度 Input Size (mm)	成品粒度范围 Output Size (mm/mesh)	成品产量区间 Capacity (t/h)	外形尺寸 (LxWxH/m) Overall Dimension
SCM80	800	1+2	20(6+7×2)	230-240	≤10	0.074-0.005 (200-2500)	0.4-5	13.9×4×6.2
SCM90	900	3+1	29(3×7×8)	200-220	≤10		0.6-7	147×4.8×7.2
SCM100	1000	2+2	28(6×2+8×2)	180-200	≤15		1-10	18×4.6×8.6
SCM125	1250	2+2	44(10×2+12×2)	135-155	≤15		2-16	14×9×10.25
SCM168	1680	2+2	44(10*2+12*2)	120-130	≤20		4-30	26.3×7.5×11.9

说明:该技术参数表仅供参考

Note: This technical parameter table is for reference only.

型号 Model	主机 Main Unit	选粉机 Classifier	风机 Blower	破碎机 Crusher	提升机 Bucket Elevator	皮带给料机 Belt Feeder	螺旋输送机 Screw Conveyor	卸料阀 Discharging Valve	空压机 Air Compressor
SCM80	55/75	18.5	45	18.5	3	2.2	3	0.75×2	11
SCM90	45×2	18.5	55	18.5	3	2.2	3	0.75+1.1	15
SCM100	132	30	75	18.5	4	2.2	3-4	1.1×2	22
SCM125	185-200	37-15×4	45×2-55×2	45	4	3	3x2	1.1x×2	15×2-37
SCM168	315	18.5x5	75x×2-90x2	45	7.5	3	5.5x2	0.75×2+1.5×2	55

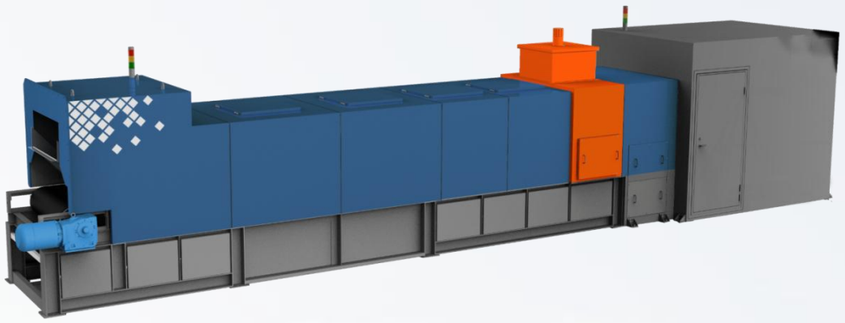
说明:该技术参数表仅供参考

Note: This technical parameter table is for reference only.

Intelligent Mineral Processing Equipment

智能选矿设备

X射线智能矿石分选机
X-ray Intelligent Ore Sorter Rotary Kiln



该技术根据矿物中不同元素对X射线吸收的差异计算出每个煤炭矿块的等效原子序数，识别出每个矿块的内部特性，从而实现精煤和矸石的自动识别或者识别出高品位的有色金属或者工业矿物矿块。

The technology calculates the equivalent atomic number of each coal block according to the difference in X-ray absorption of different elements in the minerals, and identifies the internal characteristics of each block, thus realizing the automatic identification of fine coal and gangue or identifying high-grade non-ferrous metals or industrial minerals blocks.





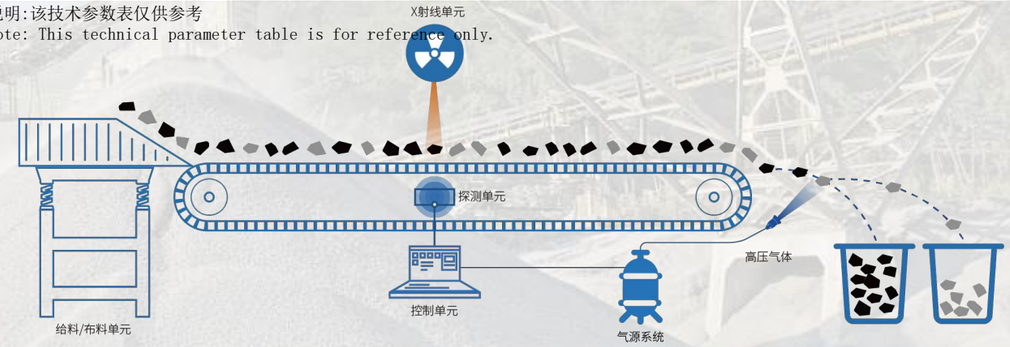
有色金属类矿石: 锑、金、铜、铅、锌、钨、钼、锡、镍、钒、钛等;
Non-ferrous metal ores：antimony, gold, copper, lead, zinc, tungsten, molybdenum, tin, nickel, vanadium, titanium, etc.
黑色金属类矿石:黑钨、铁、锰、铬等
Ferrous metal ores: wolfram, iron, manganese, chromium, etc.
贵金属:金、银等
Precious metals: gold, silver, etc.
荧光类矿石:白钨、萤石、方解石、马来亚石、锆石、锂云石、白云石、层解石、冰洲石、蛋白石、块状荧石、金刚石等二十三种
Fluorescent ore: scheelite, fluorite, calcite, Malayite, Zircon, lepidolite, dolomite, stratocite, icelandite, opal, massive fluorite, diamond, etc.
其它:特殊能源类铀矿石以及稀土类矿石以及非金属矿石、其它稀有金属。
Others: Special energy uranium ores, rare earth ores, non-metallic ores, and other rare metals.

参数规格　Parameter specifications



产品型号Product Model	MS1200K	MS2000K
适用粒级Applicable Particle Size (mm)	300-50	
产能Capacity (t/h)	100	200
设备尺寸Equipment Size (m)	12.3 (长length) x2.8 (宽width) x2.9 (高height)	12.5 (长length) x3.6 (宽width) x3 (高height)
整机功率Machine Power (kW)	40	65
设备电压和频率Equipment voltage and frequency	AC380V/660V/1140V，50Hz	
供气压力Air supply pressure (MPa)	0.55-0.8	
环境温度Ambient temperature (°C)	-15-+40	
工作人员年吸收剂量Staff Member Annual absorbed dose (mSv/year)	≤1	
边界剂量率Boundary dose rate (uSv/h)	≤1, @设备外壳表面10cm on the outer surface of equipment	

说明:该技术参数表仅供参考
Note: This technical parameter table is for reference only.



产品案例 - Product Cases

山西某煤系高岭岩分选项目
Coal-bearing kaolinite separation project
Particle size range: 50-200mm
Processing capacity: 100t/h
Kaolin content: 30%
Accuracy: >95%

湖南某钨业分选项目
Tungsten separation project
Sorting ore type: silica type scheelite
Application scenario: after crushing before fine crushing
Sorting grain size: +10-30mm
Capacity: 80-100 tonnes/hour
Raw WO3: 0.15-0.40%
Waste disposal rate: 20-45%
Tailings WO3: 0.04%



Crushing Equipment

破碎设备



工作原理
Working Principle

PE鄂式破碎机
PE Series Jaw Crusher

颚式破碎机广泛应用于采矿、建材、化工、冶金等行业.颚式破碎机适用于初级和二级破碎各种矿物和岩石,抗压强度小于320 MPa。

The Jaw Crusher is widely used in mining, building materials, chemical industry, metallurgy and so on. Jaw crusher is suitable for primary and secondary crushing and can crush various minerals and rocks. The compressive strength is less than 320 MPa.

本产品以电动机为动力，通过电动机皮带轮，由三角皮带和槽轮驱动偏心轴，使动颚按预 定轨迹作往复运动，将进入由固定颚板、活动颚板和边护板组成的破碎腔内的物料破碎，并通过下部的排料口将成品物料排出。

The PE Jaw Crusher is powered by the motor. Through the motor pulley, the eccentric shaft is driven by the V-belt and the sheave, so that the movable jaw reciprocates along the predetermined tracks to crush materials inside the crushing cavity. Materials, after being processed and reaching the standard, would be discharged from the lower discharge opening.

PEW鄂式破碎机
PEW Series Jaw Crusher

PEW 颚式破碎机是一款新型液压颚式破碎机的 ″V″ 型破 碎腔和齿形护板设计更加的合理，保证实际入料尺寸和 理论入料尺寸的一致性，有效增大破碎面积，物料在破碎腔内不会发生堵料，使破碎率和产量非常大化，提高颚板的利用率。



PEW Jaw Crusher is a new crushing machine developed. PEW Jaw Crusher has more reasonable "V" crushing chamber and toothed guard board. So the actual size of feeding materials can be consistent with ideal size, which can effectively enlarge the crushing space. Besides, materials wouldn't pile in the crushing chamber, so the crushing ratio and capacity can reach the optimal status and the utilization of jaw plates could extend.

参数规格　Parameter specifications



说明:该技术参数表仅供参考
Note: This technical parameter table is for reference only.

型号 Model	进料口尺寸 Feeding Size (mm)	最大进料尺寸 Max.Feeding Size (mm)	出口可调节范围 Range of Discharge Size (mm)	产量 Capacity (t/h)	电机功率 Motor Power (kw)	重量Weight (t)	外形尺寸 Overall Dimension (mm)
PE250×400	250×400	200	20-50	5-20	15	2.9	1430×1310×1340
PE400×600	400×600	350	40-100	15-60	30-37	6.8	1700×1732×1653
PE500×750	500×750	425	50-100	40-100	45-55	11.2	2035×1921×2000
PE600×900	600×900	480	65-160	60-140	55-75	16.5	2290×2206×2370
PE750×1060	750×1060	630	80-150	80-230	90-110	29	2655×2302×3110
PE900×1200	900×1200	750	95-165	140-320	110-132	54.5	3789×3050×3025
PE1000×1200	1000×1200	850	105-185	180-400	160-200	56.5	3900×3320×3280
PE1200×1500	1200×1500	1020	150-300	250-800	220-250	99.6	4300×3540×4043
PEX150×750	150×750	125	12-45	5-16	15	3.8	1205×1495×1203
PEX250×750	250×750	210	25-60	10-40	22-30	5	1667×1545×1020
PEX250×1000	250×1000	210	25-60	15-50	30-37	6.8	1964×1550×1380
PEX250×1200	250×1200	210	25-60	20-60	37-45	8.5	2192×1605×1415
PEX400×1200	400×1200	320	35-95	28-95	45-55	11.7	2256×2100×1960

型号 Model	进料口尺寸 Feeding Size (mm)	最大进料尺寸 Max.Feeding Size (mm)	排料口尺寸 Range of Discharge Size (mm)	产量 Capacity (t/h)	转速 Speed	电机功率 Motor Power (kw)	外形尺寸 Overall Dimension (mm)
PEW250×1000	250×1000	220	20-40	15-50	330	30	1400×1850×1310
PEW250×1200	250×1200	220	20-40	20-50	330	37	1400×2050×1310
PEW400×600	400×600	350	35-85	15-70	250	37	1920×1460×1840
PEW760	760×1100	640	75-200	150-350	270	110	2600×2500×2200
PEW860	860×1100	720	100-225	200-500	240	132	3300×2320×3120
PEW1100	1100×1200	930	150-275	300-650	210	185	4140×2660×3560

Crushing Equipment

破碎设备



PF反击式破碎机
PF Series Impact Crusher

PF反击式破碎机可对抗压强度不超过350MPa的各种矿石、岩石（如花岗岩、大理石、石灰石）等物料进行粗、中、细碎作业，广泛应用于公路、铁路、水利、电力、建筑等行业建设用砂石料的生产。

The PF Impact Crusher is used for primary, secondary and fine crushing of all kinds of stones and rocks with compressive strength less than 350 MPa such as granite, marble, and limestone. The Impact Crusher is widely used for sand and rock production in the industry of roads, railways, reservoir, electricity power, building materials and so on.

PFW反击式破碎机
PFW Series Impact Crusher

PFW反击式破碎机采用独特的板锤固定装置，使得板锤的可靠性更高.可选配液压控制系统,通过液压装置快速调节出料口大小及出料粒度；自动化液压开顶装置，可迅速地完成板锤等易损件的更换,减少了停机和检修的时间.PFW的两腔破碎,在粗中碎作业时,可以简化工艺流程;三腔破碎,在细碎,超细碎作业中表现非凡.两种腔型满足了绝大多数粗、中、细碎作业的破碎要求。



PFW impact crusher adopts a unique blow bar fixing device, which makes the plate hammer more reliable. The hydraulic control system can be selected to quickly adjust the size of the discharge port and the particle size of the discharge through the hydraulic device; the automatic hydraulic top opening device can quickly complete the replacement of the blow bar and other wearing parts, reducing the downtime and maintenance time. PFW's two-chamber crushing can simplify the process flow in coarse and medium crushing operations; three-chamber crushing performs exceptionally in fine and ultra-fine crushing operations. The two chamber types meet the crushing requirements of most coarse, medium and fine crushing operations.

参数规格　Parameter specifications



型号 Model	转子规格 Rotor spec (mm)	进料口 Inlet size (mm)	最大进料尺寸 Maximum feeding size (mm)	产量 Capacity (t/h)	功率 Power (kw)
PF1010	Φ1000×1050	400×1080	350	50-80	75
PF1210	Φ1250×1050	400×1080	350	60-120	110
PF1214	Φ1250×1400	400×1430	350	80-160	132
PF1315	Φ1300×1500	860×1520	350	120-260	200
PF1515	Φ1500×1500	1200×1520	950	220-450	220-315
PFW1214II	Φ1150×1400	1100×1430	500	130-200	132
PFW1315II	Φ1300×1500	1200×1530	600	180-320	200
PFW1318II	Φ1300×1800	1200×1830	700	240-400	250
PFW1415II	Φ1400×1500	1450×1530	700	300-480	250
PFW1214	Φ1150×1400	570×1430	250	90-170	132
PFW1315	Φ1150×1400	625×1530	300	180-270	200
PFW1318	Φ1150×1400	625×1830	300	220-300	250
PFW1415	Φ1400×1500	800×1530	350	280-350	250

说明:该技术参数表仅供参考
Note: This technical parameter table is for reference only.

Crushing Equipment

破碎设备



圆锥破碎机
Cone Crushers

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。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。

HP series hydraulic cone crusher is suitable for mining, building materials, metallurgy and other industries, and can be used for medium and fine crushing of materials with medium and above medium hardness such as iron ore, copper ore, granite, basalt, cobblestone, marble, limestone and so on. It is preferred to be used in the crushing production line with strict requirements on product particle shape, high requirements on finished product rate and high degree of automation.

工作原理
Working Principle

HP系列液压圆锥破碎机工作时，电机通过皮带轮和三角带带动设备传动轴转动，传动轴通过大小锥齿轮带动偏心套绕主轴转动，偏心套带动动锥做旋摆运动，使动锥和定锥时而靠近、时而远离轧臼壁，物料在轧臼壁和破碎壁形成的破碎腔内不断受到挤压、冲击而破碎，破碎的物料从下部排出。

When the HP series hydraulic cone crusher is working, the motor drives the drive shaft to rotate through the belt pulley and triangle belt, and the drive shaft drives the eccentric sleeve to rotate around the main shaft through the large and small bevel gears, and the eccentric sleeve drives the moving cone to do the rotary oscillation movement, so that the moving cone and the fixed cone are close to the rolling mortar wall and far away from it, and the materials are continuously crushed by the extrusion and impact in the crushing cavity formed by the rolling mortar wall and the crushing wall, and the crushed materials are discharged from the lower part of the crushing machine.

参数规格　Parameter specifications



型号 Model	腔型 Cavities	给料口尺寸 Feed Port Size (mm)	最小排料口尺寸 Minimum discharging size (mm)	产量 Capacity (t/h)	电机功率 Motor Power (kw)	外形尺寸 Overall dimension (mm)
HP100	C1(Extra Coarse)	140	19	75-140	90	1705×1510×1583
	C2(Coarse)	100	13	60-110		
	M(Medium)	70	9	52-100		
	F1(Fine)	50	9	50-95		
	F2(Extra Fine)	20	6	45-90		
HP160	C²(Coarse)	185	19	145-250	160	2135×1750×1927
	M(Medium)	125	16	135-235		
	F1(Fine)	95	13	115-220		
	F2(Extra Fine)	75	10	90-190		
HP220	C1(Extra Coarse)	230	25	220-440	220/250	2725×2110×2871
	C2(Coarse)	210	19	190-380		
	M(Medium)	150	16	175-320		
	F1(Fine)	105	13	145-280		
	F2(Extra Fine)	80	10	110-240		
HP315	C1(Extra Coarse)	295	30	300-630	315	2775×2370×2295
	C2(Coarse)	251	25	285-560		
	M(Medium)	196	20	250-490		
	F¹(Fine)	110	13	180-345		
	F2(Extra Fine)	90	10	135-320		
HP400	C1(Extra Coarse)	330	38	425-790	400	2800×3480×4050
	C2(Coarse)	290	30	370-700		
	M(Medium)	210	22	330-605		
	F1(Fine)	135	16	270-535		
	F2(Extra Fine)	95	13	220-430		
HP600	C1(Extra Coarse)	350	38	570-1200	630	3970×3345×4235
	C2(Coarse)	299	32	520-1050		
	M(Medium)	265	25	475-950		
	F1(Fine)	220	16	370-800		
	F2(Extra Fine)	150	13	310-600		

说明:该技术参数表仅供参考
Note: This technical parameter table is for reference only.

Crushing Equipment

破碎设备

履带式移动站
Track-type Mobile Crusher



履带式移动破碎站是在多年的移动式破碎站的研发和生产的经验基础上，吸收国外先进的移动破碎技术开发完成的全液压履带式移动破碎站。该设备突破了电驱动模式，采用液压等无强电方式驱动和控制履带行走、设备安装和生产作业。

Track-type Mobile Crusher is a fully hydraulic track-type mobile crusher developed and completed in order to satisfy higher user demands. It absorbs the foreign advanced mobile crushing technology. SYM's track-type mobile crusher abandons the previous electric driving mode and uses non-strong current modes like hydraulic device to drive and control the traveling of crawler belt and to install and operate equipment.



参数规格　Parameter specifications



型号 Model	最大喂料尺寸 Max.Feed Size (mm)	进口尺寸 Inlet Size (mm)	喂料高度 Feed Height (mm)	处理能力 Capacity (t/h)	外形尺寸 Overall Dimension (mm)
KE600-1L	500	600×900	4320	70-120	13913×3100×3750
KE760-1L	640	760×1100	4520	150-350	13460×3100×3800
KE860-1L	720	860×1100	4520	200-500	13460×3100×3800
KF1214II-1L	500	1100×1430	4175	130-200	13913×3100×3750
KF1315II-1L	600	1200×1530	4330	180-320	14500×3100×3800
KT160-2L	185	13-38	2800	66-210	12000×2800×3493
KH300-2L	210	19-45	3200	190-440	14800×3100×3700
KS1860-AL	400	5-80	4350	600	17800×3200×3600
KS1848-AL	400	5-80	4350	500	17800×3200×3600
KS1860-BL	400	5-80	3400	600	17800×3300×3600
KS1848-BL	400	5-80	3400	500	17800×3300×3600

说明:该技术参数表仅供参考
Note: This technical parameter table is for reference only.

Crushing Equipment

破碎设备



YA系列振动筛
YA series vibrating screen

YA系列振动筛振动强度高，在同规格情况下，比传统设备处理能力更大、筛分效率更高。特别适用于重型、中型和精细筛分等各种筛分作业，是用于初级破碎、二级破碎和成品料的理想筛分设备。

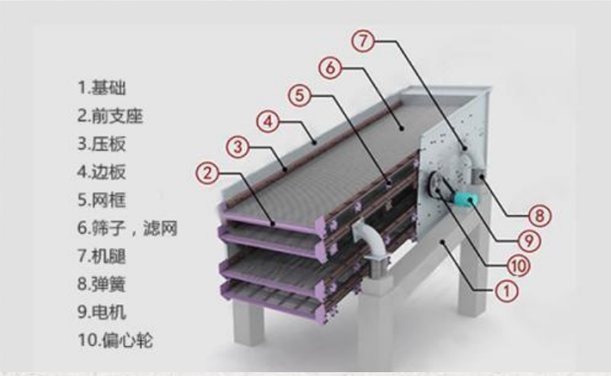
YA series Vibrating Screen has high vibration intensity. Under the same specifcations, it has larger processing capacity and higher screening efficiency compared to traditional screens. It is particularly applicable to heavy type, medium type and fine screening operations, and it is the ideal screening equipment for primary and secondary crushing

工作原理
Working Principle

振动筛是一个以橡胶弹簧为支撑弹性元件，SV超能激振器为振动源，通过偏心块的旋转产生激振力，使筛箱随之产生圆周往复运动的设备。物料在倾斜的筛面上连续做近似圆的弹跳翻滚运动，通过反复的与筛孔进行比较，小于筛孔尺寸的物料透筛，大于筛孔尺寸的物料在筛面上，从而完成筛分过程。

Vibrating Screen adopts rubber springs as elastic supporting components and the SV super vibrator as the source of vibration. The excitation force, generated under the rotation of the eccentric block, makes the screen box do reciprocating motions. When the vibrating screen is running, materials continuously bounce and roll over on the inclined screen surface. By repeatedly comparing with the screen holes, materials smaller than the screen size would be sieved out while larger ones retain on the screen surface. This is the whole screening process.

1.基础 Foundation
2.前支座 Front support
3.压板 Press plate
4.边板 Side plate
5.网框 Frame
6.筛子,滤网 Screen
7.机腿 Support legs
8.弹簧 Spring
9.电机 Motor
10.偏心轮 Eccentric wheel



参数规格　Parameter specifications



型号 Model	筛网规格 Screen mesh dimension (mm)	层数 Layers	筛面倾角 Leaning angle of screen (℃)	筛孔尺寸 Screen hole size (mm)	最大给料粒度 Maximum feed Size (mm)	振动次数 Vibrating speed (r/min)	双振幅 Double amplitude (mm)	处理能力 Capacity (t/h)	功率 Power (kw)	外形尺寸 0verall dimension (mm)
YA1545	1500×4500	2/3	18(18-25)	2-70	200	800-900	7-12	45-380	11/15	4796×3190×3407
YA1845	1800×4500	2/3	18(18-25)	2-70	200	800-900	7-12	60-450	15/22	4797×3623×3431
YA1860	1800×6000	2/3/4	18(18-25)	2-70	200	800-900	7-10	75-600	15/30/37	6223×3670×4436
YA2160	2100×6000	2/3/4	8(18-25)	2-70	200	800-900	7-12	85-700	22/30/37	6223×3970×4436
YA2460	2400×6000	2/3/4	18(18-25)	2-70	200	800-900	7-12	100-800	22/30/37	6223×4270×4436
YA2760	2700×6000	2/3/4	18(18-25)	2-70	200	800-900	7-12	120-900	30/37/45	6223×4570×4038
YA3072	3000×7200	2/3	20	2-70	200	800-900	7-11	150-1200	37/30×2	7419×4930×5069

说明:该技术参数表仅供参考
Note: This technical parameter table is for reference only.

Crushing Equipment

破碎设备

高压辊压机
High Pressure Roller Press

高压辊压机是一种新型的节能粉磨设备，也被称为挤压磨、辊压磨或辊压机。该设备能够替代传统的能耗高、效率低的球磨机预粉磨系统，同时减少钢材消耗和工作噪声。它适用于新厂建设，也可以用于老厂的技术改造，能够使生产系统的产量提高30%至50%。

High-pressure roller press is a new type of energy-saving grinding equipment, also known as extrusion mill, roller mill or roller press. This equipment can replace the traditional ball mill pre-grinding system with high energy consumption and low efficiency, and at the same time reduce steel consumption and working noise. It is suitable for new plant construction and can also be used for technical renovation of old plants, and can increase the output of the production system by 30% to 50%.





辊压机通过挤压的过程，可以使物料中0.08mm的细料占20%至35%，小于2mm的颗粒占65%至85%。这样的处理使得颗粒的内部结构充满微小裂纹，从而显著改善了物料的易磨性，提高了磨矿的效率。
为了提高耐磨性，辊压机的辊面通常采用热堆焊的方式进行处理，这样的设计使得耐磨层的维修更加方便，延长了设备的使用寿命。压辊还可以使用镶嵌柱钉的方式,柱钉的材质是硬质合金,能够延长压辊的使用寿命.

Through the process of extrusion, the roller press can make the finess of 0.08mm account for 20% to 35% of the material, and the particles less than 2mm account for 65% to 85%. This treatment makes the internal structure of the particles full of tiny cracks, which significantly improves the grindability of the material and increases the efficiency of grinding. In order to improve wear resistance, the roll surface of the roller press is usually treated with hot overlay welding, which is designed to make the maintenance of the wear-resistant layer more convenient and prolong the service life of the equipment. The rollers can also use inlaid studs, the studs are made of cemented carbide, which can extend the service life of the rollers.

参数规格　Parameter specifications



型号 Model	辊系规格 Roller specifications	额定通过量 Rated capacity (t/h)	驱动功率 Driving power (kw)
RC-5425	Φ540x250	30	2x45
RC-7030	Φ700x300	60	2x75
RC-80系列	Φ800x(400-500)	80-100	2x(110-132)
RC-100系列	Φ1000x(400-600)	100-160	2x(132-200)
RC-120系列	Φ1200x(400-800)	160-400	2x(220-450)
RC-140系列	Φ1400x(600-900)	360-560	2x(400-630)
RC-150系列	Φ1500x(800-1100)	540-800	2x(630-850)
RC-160系列	Φ1600x(900-1400)	760-1200	2x(800-1250)
RC-170系列	Φ1700x(1000-1400)	1000-1400	2x(1120-1600)
RC-200系列	Φ2000x(800-1600)	950-2000	2x(1000-2240)
RC-240系列	Φ2400x(1400-1600)	2500-2800	2x(2500-3000)
RC-260系列	Φ2600x(1400- 1800)	2800-4000	2x(2800-4000)
RC-300系列	Φ3000x(1600-2000)	4400-5600	2x(4500-5600)
RC-260系列	Φ3600x(1600-2000)	5800-7400	2x(5600-7000)

说明:该技术参数表仅供参考
Note: This technical parameter table is for reference only.

工作原理

辊压机是根据料床粉磨原理设计而成的机械设备，其主要特征是高压、满速、满料、料床粉碎。由两个相向同步转动的挤压辊组成，一个为固定辊，一个为活动辊。物料以满料状态从辊压机上方给入，随后被挤压辊连续带入辊间，在100-150MPa的高压作用下形成密实的料饼，最终从机底排出。排出的料饼含有一定比例的细粒成品，而非成品颗粒内部产生大量裂纹，从而改善物料的易磨性，有利于进一步粉碎过程中降低能耗。

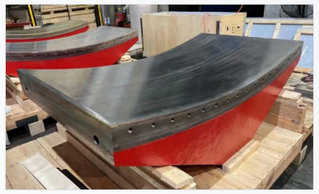
Working Principle

HPGR is a mechanical equipment designed according to the principle of material bed grinding, its main features are high pressure, full speed, full material, material bed crushing. High pressure grinding mill consists of two extruding rollers rotating synchronously in the opposite direction, one is fixed roller and the other is movable roller. Under the action of high pressure ranging from 100 to 150 MPa, the material forms a compacted cake, which is eventually discharged from the bottom of the machine. The discharged cake contains a certain proportion of fine-grained finished products, while the non-finished particles produce a large number of internal cracks, thus improving the abrasive properties of the material, which is conducive to reducing energy consumption in the further crushing process.

Ball Mill Parts

球磨机配件





球面瓦 - Spherical Bush



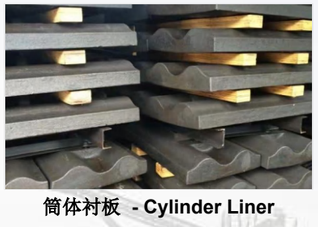
小齿轮 - Pinion



中空轴 - Hollow Shaft



钢球 - Steel Grinding Balls



筒体衬板 - Cylinder Liner



螺旋筒 - Spiral Tube



齿轴 - Gear Shaft



钢棒 - Steel Rod



轴承座 - Bearing House



大齿轮 - Big Gear



端盖 - Cover



金属衬板- Metal Liner



橡胶衬板- Rubber Liner



筒体 - Cylinder



联轴器 - Coupling



衬板- Liner



衬板- Liner

Vertical Mill Parts

立磨配件





磨辊 - Grinding Roller



辊轴 - Roller Shaft



摇臂 - Rocker Arm



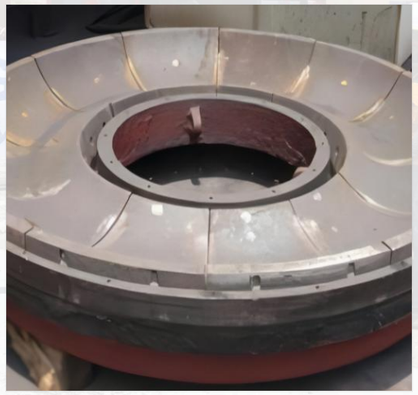
下料器 - Rotary Feeder



磨辊 - Grinding Roller



辊套 - Roller Sleeve



磨盘衬板 - Grinding Table Liner



选粉机 - Classifier

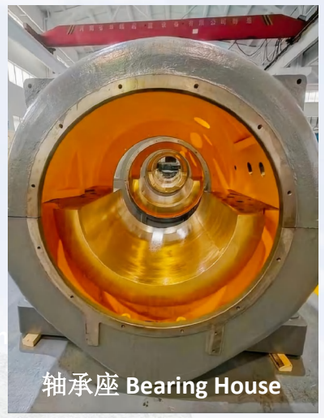
Rotary Kiln Parts

回转窑配件




托轮 Support Roller

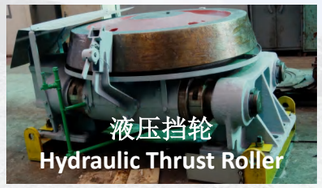

燃烧器喷嘴 Burner


轴承座 Bearing House

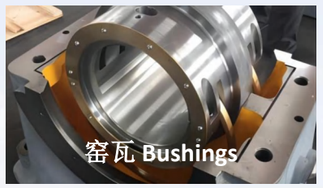

筒体 Cylinder

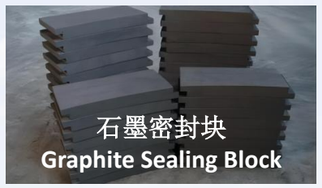

耐热钢护板
Heat-resistant Steel Liner


密封圈 Seal Ring


液压挡轮
Hydraulic Thrust Roller


耐火砖 Firebrick


窑瓦 Bushings


石墨密封块
Graphite Sealing Block



大齿轮 **Big Gear**



轮带 **Tyre Ring**

HPGR Parts

辊压机配件





辊轴
Roller Shaft



辊套
Roller Sleeve



压辊堆焊
Press Roller Overlaying Welding



压辊总成
Press Roller Assembly



柱钉
Studs

Plate Feeder

板式喂料机





板喂机
Apron Feeder

VTM Tower Mill Parts

塔磨机配件



传动装置

Drive System





螺旋叶片

Spiral Blade



磨门格栅衬板

Mill Door Grate Liner



壳体

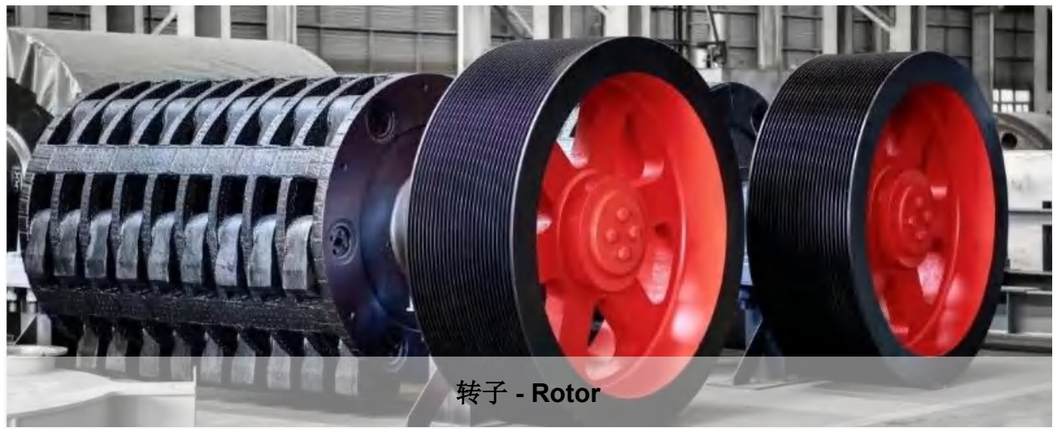
Shell

Crusher Parts

破碎机配件



锤式破碎机 - Hammer Crusher





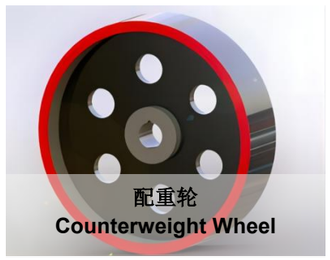


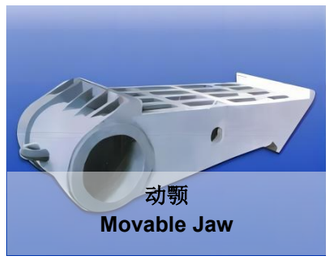


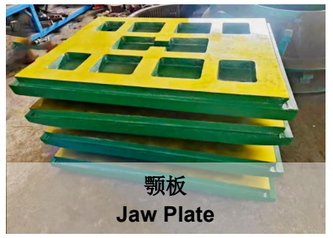


颚式破碎机 - Jaw Crusher









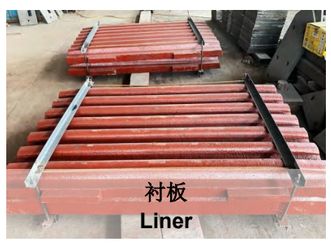


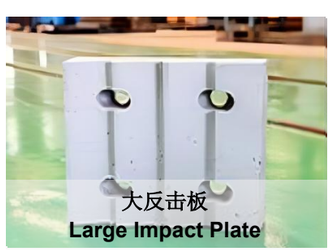


反击式破碎机 Impact Crusher







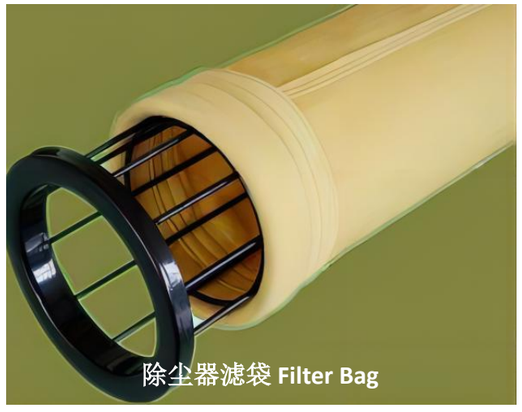


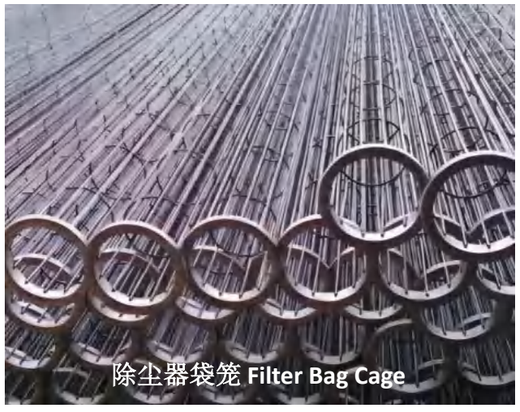




Other Auxiliary Machines

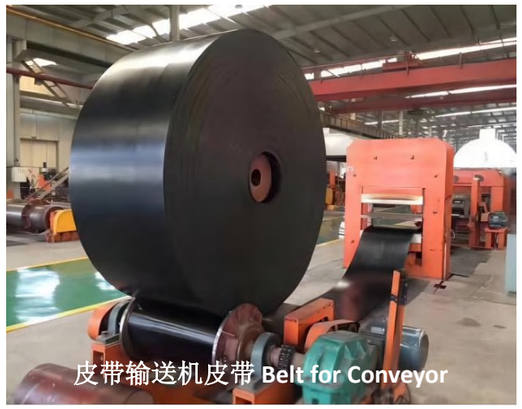
其他辅机

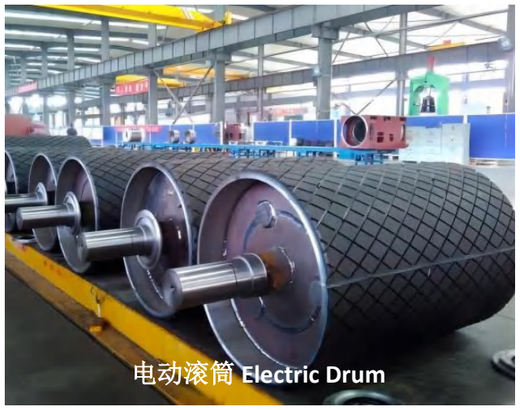

除尘器滤袋 Filter Bag

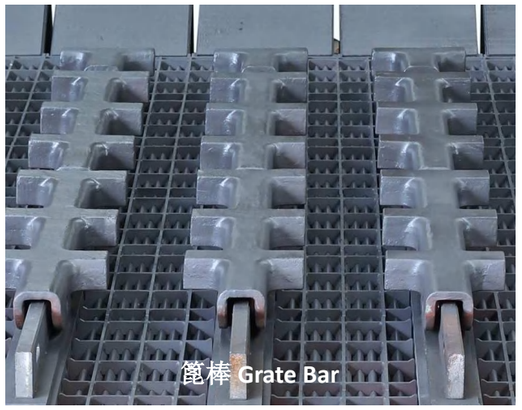

除尘器袋笼 Filter Bag Cage


提升机料斗 Bucket for Bucket Elevator

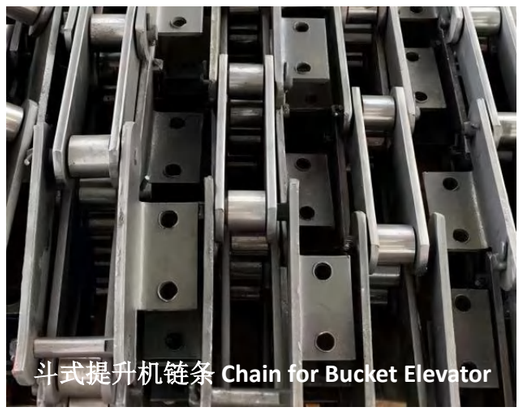

卸料阀 Discharging Valve


皮带输送机皮带 Belt for Conveyor


电动滚筒 Electric Drum


篦棒 Grate Bar


篦冷机篦板 Grate Cooler Grate Plate


斗式提升机链条 Chain for Bucket Elevator


提升机链轮 Sprocket for Bucket Elevator


螺旋输送机 Screwl Conveyor


脉冲阀 Pulse Valve

PROJECT SITES

项目现场

英用机械积极与国内外客户合作，实现了一系列令人瞩目的项目!

Yingyong Machinery actively cooperates with domestic and foreign customers and has realized a series of impressive projects!











CONSTRUCTION SITE

项目现场

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Shanghai Yingyong Machinery Co., Ltd. is committed to providing high-quality machinery and equipment to customers around the world. We have successfully completed many international EPC projects and are highly praised by customers. The main products include ball mills, rotary kilns, vertical mills, crushers, etc. Our products have passed CE and ISO certifications, and can provide OEM services. At the same time, they are inspected by well-known international testing agencies such as SGS, TUV, and BV. We look forward to cooperating with more domestic and foreign customers to create brilliance together.

CLIENT VISIT

客户来访

上海英用机械有限公司致力于为全球客户提供高品质机械设备和全面的解决方案。多年来，众多国内外客户莅临我司参观、交流与合作，进一步增强了我们的国际影响力和客户信任。我们期待与更多客户携手，共创辉煌未来。

Shanghai Yingyong Machinery Co., Ltd. is committed to providing high-quality machinery and comprehensive solutions to customers around the world. Over the years, many domestic and foreign customers have visited our company for visits, exchanges and cooperation, which has further enhanced our international influence and customer trust. We look forward to working with more customers to create a brilliant future.



WIN-WIN COOPERATION AND INNOVATION



CLIENT VISIT

客户来访















