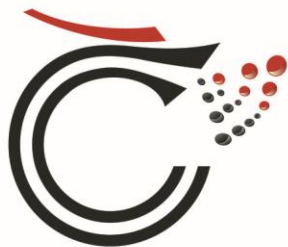


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青島世納机械设备有限公司
 Qingdao Shina Machinery Equipment Co., Ltd.



企业愿景：国际领先的粉体设备制造商
Enterprise Vision: International best equipment manufacturer in powder process

经营理念：以精立业 以质取胜
Business Concept: Start a career with essence, win through high quality

企业宗旨：让客户利益最大化
Enterprise Tenet: Maximize customers' benefits

企业精神：勇于创新 追求卓越
Enterprise Spirit: Brave in innovation, aspiring after excellence

产品管理理念：产品与产品的区别在于技术和细节
Product Management Concept: Pay more attention on performance and details of products

客户服务理念：客户永远是第一位的
Customer Service Concept: Customers are always the first

公司简介

INTRODUCTION

青岛世纳机械设备有限公司坐落于中国青岛莱西市望城工业园，占地面积8000多平方米。公司是集研发、生产、销售为一体的超细粉体设备和大型超细粉体分级生产线设计的专业供应商。Qingdao China Machinery Equipment Co., Ltd. locates in Wangcheng Industrial Park, Laixi, Qingdao City, China. Its building area is more than 8000 square meters. Qingdao China is a Professional supplier of ultra-fine powder equipments and design for big whole grinding and classifying production line, which includes research and development, manufacture, sales and trade.

公司一直秉承“以精立业、以质取胜”的经营理念，多年来一直致力于粉体技术的发展研究和生产制作，以自主研发为主导，不断引进、学习和完善国外的超细粉体分级技术，立志打造成为国际领先的粉体设备制造商。Qingdao China takes "Start a career with essence, win through high quality" as business concept all the time, and devotes itself to the research development and manufacture of Ultra-fine powder equipments. Qingdao China dominates by independent research and development, bring in, study and modify international ultra-fine grinding and classifying technology, and try best to be International best manufacturer in ultra-fine powder equipments.

公司产品设计理念及技术源于德国，自2010年6月与韩国怡发公司进行技术合作后，我公司的超微粉碎、超细分级以及球磨分级生产线技术已达国际领先水平，且产品广泛应用于多种行业，包括非金属矿、医药、食品、化工、新材料等。Our design concept of product and technology is originally from Germany. Since cooperation with IVA Korea in June 2010, our technology of Ultra-fine powder grinding, Ultra-fine classifying and ball mill & classifying production line are all in international leading level. Our equipments are widely used in the field of non-metallic mineral, medicine, food, chemical, new materials, etc.

公司提供给客户的不仅仅是一套设备，更是一套完美的解决方案，包括项目可行性研究，下游市场分析，投资概算，工程设计，成套设备提供，设备安装调试，操作人员培训，直至交钥匙工程。What we supply to customers are not only one set of equipment, but most all is one solution, including feasibility study of project, analysis of downstream market, estimation of investment, design of engineering, supply of complete plant, installation and commissioning of equipments, training of operators, until the turn-key project.

我们的宗旨是：让客户利益最大化！
Our Tenet is: Maximize customers' benefits!




 IMC系列多转子气流分级机(直连驱动)
 Air Classifier Series IMC with Multi-Rotor(Direct Driven)

特点

- 直连和皮带驱动
- 德国原装图纸，最新理念设计，分级精度更高、配置更合理。
- 分级产品的粒径最细可达D97: 3微米，产品粒度可调。
- 高产量，低能耗，顶点切割准确
- 更高转速，可以获得更细产品
- 配合间隙小，气密封防止大颗粒进入
- 分为卧式单转子和卧式多转子两种，用户可根据实际需要进行选择。
- 可提供碳钢、不锈钢和耐磨防护设计
- 使用寿命长，维护成本低

 IMC系列单转子气流分级机生产线(直连驱动)
 Production Line of Air Classifier Series IMC with Single Rotor (Direct Driven)


实际应用

化工产品、农药、医药、陶瓷、耐火材料、食品、新材料、矿物(碳酸钙、高岭土、石英、滑石、重晶石、石墨等非金属矿)

技术参数 TECHNICAL DATA

参数 Parameters	型号 Type	IMC60	IMC100	IMC140	IMC200	IMC260	IMC315	IMC400	IMC500	IMC570
分级粒径 Product Fineness	D97: μm	3~75	3~75	3~75	3~75	3~75	3~75	4~75	5~75	5~75
处理量 Throughput	T/h	0.005~0.02	0.01~0.1	0.05~0.3	0.1~0.6	0.2~1.0	0.5~3	0.8~4	1.5~6	2~8
功率 Power	kw	3	6	4	5.5	7.5	15	18.5	22	30
空气流量 Airflow	m^3/h	300	600	1000	1500	2000	3000	4600	7500	9000

参数 Parameters	型号 Type	IMC315/3	IMC315/4	IMC315/6	IMC400/3	IMC400/4	IMC400/6	IMC500/3	IMC500/4	IMC500/6
分级粒径 Product Fineness	D97: μm	3~75	3~75	3~75	4~75	4~75	4~75	5~75	5~75	5~75
处理量 Throughput	T/h	3~8	4~12	6~15	4~12	6~15	8~18	6~15	9~20	12~30
功率 Power	kw	15×3	15×4	15×6	18.5×3	18.5×4	18.5×6	22×3	22×4	22×6
空气流量 Airflow	m^3/h	9000	12000	18000	15000	20000	28000	22000	30000	45000

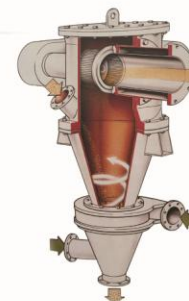
注: 1. 设备的处理量与物料的性质及产品粒度要求有关。 2. 产品粒度可调。
 Note: 1. Capacity depends on material properties and final product fineness. 2. Product fineness is adjustable.

1

物料细化技术的领导者

FEATURES

- 1~6 rotors in a classifier chamber
- Direct driven rotors or belt driven rotors
- High speed drive system
- Adjustable of cut point by variable rotor speed via frequency converter
- Fine classification with high performance by special wheel design
- Feed from bottom with main air stream for high feed rates
- Best sharpness by most effective coarse classifying zone
- Construction material can be mild steel, stainless steel or wear protected
- The solid construction and the selected materials of construction give a long life time with low maintenance costs.


 ATP系列单转子气流分级机上机体
 (皮带驱动)
 Upper Part of Air Classifier Series ATP
 with One Wheel (Belt Driven)

 ATP系列气流分级机原理图(皮带驱动)
 Process of Air Classifier Series ATP (Belt Driven)

APPLICATION

Chemicals, ceramic, pesticide, food, refractory material, medicine, new materials minerals (such as calcium carbonate, kaolin, barite, classification of quartz, graphite, talc and other non-metallic mineral products) and other industries.

技术参数 TECHNICAL DATA

参数 Parameters	型号 Type	ATP315	ATP400	ATP500	ATP570	ATP750
分级粒径 Product Fineness	D97: μm	3~150	4~150	5~150	8~150	10~150
处理量 Throughput	T/h	1.5~3	2~5	3~6	4~7	5~12
驱动功率 Power	kw	11	15	22	30	37
空气流量 Airflow	m^3/h	3000	4800	7200	9000	16000

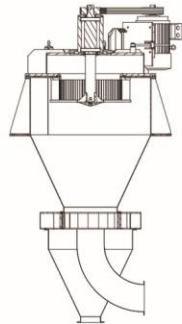

 内部陶瓷防扩(用于硬物料)
 Inside Protected by Ceramic Tiles
 for Materials with High Hardness

参数 Parameters	型号 Type	ATP315/3	ATP315/4	ATP315/6	ATP 400/3	ATP 400/4	ATP 400/6	ATP 500/3	ATP 500/4	ATP 500/6
分级粒径 Product Fineness	D97: μm	3~150	3~150	3~150	4~150	4~150	4~150	5~150	5~150	5~150
处理量 Throughput	T/h	3~8	4~12	6~18	4~15	6~20	8~25	7~22	9~28	12~35
驱动功率 Power	kw	11×3	11×4	11×6	15×3	15×4	15×6	22×3	22×4	22×6
空气流量 Airflow	m^3/h	9000	12000	18000	15000	20000	28000	22000	30000	45000

注: 1. 设备的处理量与物料的性质及产品粒度要求有关。 2. 产品粒度可调。
 Note: 1. Capacity depends on material properties and final product fineness. 2. Product fineness is adjustable.

2

Top Performance in Ultra-fine Process



ITC系列气流分级机示意图(皮带驱动)
Diagrammatic Sketch of Air Classifier Series ITC (Belt Driven)

特点

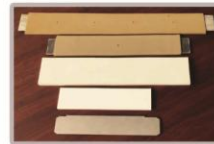
- 直连和皮带驱动
- 采用德国最新型设计，分级精度高、设计配置更合理
- 可提供碳钢、不锈钢和耐磨防护设计
- 高产量，低能耗，顶点切割准确
- 多级串联方式使用，同时生产多个粒度的产品
- 通过变频器来调节转速以获得不同粒度产品
- 分级轮可根据客户需要采用碳钢、不锈钢、陶瓷、聚氨酯等材料制作
- 系统负压运行，粉尘排放量符合国家环保标准。
- 使用寿命长，维护成本低



ITC系列气流分级机(直连驱动)
Air Classifier Series ITC (Direct Driven)

实际应用

化工产品、农药、医药
陶瓷、耐火材料、食品、新材料
矿物(碳酸钙、高岭土、石英、滑石、重晶石、石墨等非金属材料)



不同材质的分级轮叶片
Classifying Wheel Blades Made of Different Materials

各种材质分级轮
Classifying Wheels Made of Different Materials



Top Performance in Ultra-fine Process

FEATURES

- Fine classification with high performance
- Direct and belt drive
- Feed in the classifying zone by air
- High feed rates possible
- Adjustment of cut point by variable rotor speed via frequency converter
- Construction materials mild steel, stainless steel or wear protected
- The solid construction and the selected materials of construction give a long life time with low maintenance costs and low investment



MAC系列气流分级机(皮带驱动)
Air Classifier Series MAC (Belt Driven)

APPLICATION

Chemicals, minerals (such as calcium carbonate, kaolin, classification of quartz, barite, talc, graphite and other non-metallic mineral products), ceramic, refractory material, medicine, pesticide, food, new materials and other industries.

技术参数 TECHNICAL DATA

参数 Parameters	型号 Type	MAC0	MAC1	MAC2	MAC3	MAC4	MAC5
产品粒度 Product Fineness	D97:μm	5~150	6~150	6~150	8~150	10~150	20~150
处理量 Throughput	T/h	0.05~0.5	0.2~1	0.5~3	1~5	2~8	5~10
分级功率 Power	kw	4	7.5	11	15	22	30

注: 1. 设备的处理量与物料的性质及产品粒度要求有关。 2. 产品粒度可调。
Note: 1. Capacity depends on material properties and final product fineness. 2. Product fineness is adjustable.

技术参数 TECHNICAL DATA

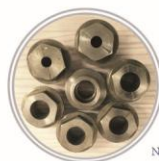
参数 Parameters	型号 Type	ITC132	ITC200	ITC300	ITC360	ITC450	ITC550	ITC600	ITC750	ITC900	ITC1000	ITC1250
分级粒度 Product Fineness	D97:μm	5~150	5~150	5~150	6~150	8~150	8~150	8~150	8~150	10~150	15~150	18~150
处理量 Throughput	T/h	0.01~0.1	0.02~0.2	0.2~1	0.8~2.5	1.5~5	2.5~6	4~10	6~12	8~15	12~20	20~35
分级功率 Power	kw	4	5.5	7.5	11	18.5	22	30	37	45	55	75/90
空气流量 Airflow	m³/h	600	1500	2500	3500	5500	7500	10000	15000	22000	28000	45000

注: 1. 设备的处理量与物料的性质及产品粒度要求有关。 2. 产品粒度可调。
Note: 1. Capacity depends on material properties and final product fineness. 2. Product fineness is adjustable.



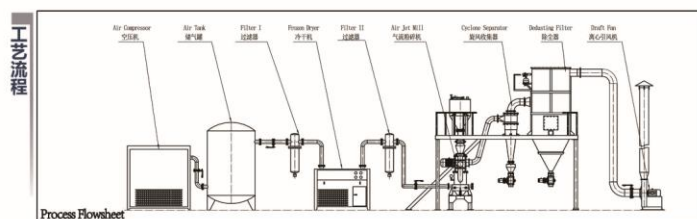
特点

- ◆ 适合于莫氏硬度9以下的各种物料的干法超细粉碎。
- ◆ 物料在气流的带动下自身碰撞粉碎，不带入外界杂质，这样在物料的粉碎过程中不会构成污染。
- ◆ 粉碎腔体内温度为常温状态
- ◆ 内带分级装置，可一次得到想要的产品粒径，也可与多级分级机串联使用，一次生产多个粒径段的产品。
- ◆ 设备拆装清洗方便，内壁光滑无死角。
- ◆ 整套系统密闭运行，噪音低，生产过程清洁环保。
- ◆ 设备内部可做耐磨防护
- ◆ 终端产品没有异常大颗粒

QWJ系列气流粉碎机
Air Jet Mill Series QWJ不同型号喷嘴
Nozzles with Different Size

实际应用

化工、矿物（如碳酸钙、高岭土、石英、滑石、重晶石、石墨等非金属矿）、磨料、陶瓷、耐火材料、医药、农药、食品、新材料等行业。



注：设备最终布置取决于客户的需求。
Note: Final layout of production line depends on customers' request.

PROCESS

Classsifier mill is consisting of fluid bed opposed jet mill with integrated turbo classifier(s) for highest applications with best top cut and steep particle size distribution. There is a variation of application as mainly: grinding, classifying, homogenisation, selective operation drying, surface treatment, and many others. The fluid bed opposed jet mill can be combined with single wheel classifier or multi-wheel classifier.

FEATURES

- Fluidbed opposed jet principle
- Integrated turbo classifier as single wheel or multi-wheel
- Products free of oversize
- Steep particle size distribution
- Multifunction
- Special nozzle configuration
- Loss in weight system
- Laboratory system available
- Contamination free processing
- Cryogen,inert,hot gas solutions

实验室专用气流粉碎机QWJ03
Lab Air Jet Mill QWJ03

APPLICATION

Abrasive products, sticky products, mineral fillers, ceramic fillers, food, Chinese herb medicine, chemical products and other powders.

技术参数 TECHNICAL DATA

型号 Type	QWJ03	QWJ06	QWJ10	QWJ20	QWJ40	QWJ60	QWJ80	QWJ120	QWJ160	QWJ240	QWJ320
参数 Parameters											
产品粒径 Product Fineness	D97: μm	3~100	3~100	3~100	3~100	3~100	3~100	3~100	3~100	3~100	5~100
研磨气量 Grinding air	m^3/min	3	6	10	20	40	60	80	120	160	240
空气压力 Air Pressure	Mpa	0.7~1.0	0.7~1.0	0.7~1.0	0.7~1.0	0.7~1.0	0.7~1.0	0.7~1.0	0.7~1.0	0.7~1.0	0.7~1.0
分级功率 Motor output	kw	3	6	4	5.5/7.5	15	18.5	5.5×4/22	15×3	15×4	30×3

注：1. 设备的处理量与物料的性质及产品粒度要求有关。 2. 产品粒度可调。
Note: 1. Capacity depends on material properties and final product fineness. 2. Product fineness is adjustable.



特点

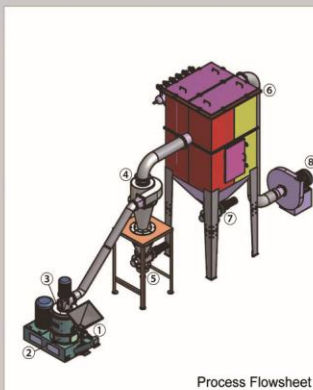
- 适合于莫氏硬度7以下物料的粉碎
- 内置分级装置, 对物料不会产生过粉碎, 降低能耗
- 根据粉碎物料的不同性质与要求, 采用不同设备材质, 如碳钢、不锈钢、陶瓷等
- 产量高, 性能可靠, 运行稳定, 维护方便
- 通过调整分级轮转速及风量来得到不同粒径产品



实际应用

化工产品、农药、医药、
陶瓷、耐火材料、食品、新材料
矿物(碳酸钙、高岭土、石英、滑石、重晶石、石墨等非金属矿)

工艺流程



- ① 喂料螺旋 Feeding Screw
- ② 粉碎机 Impact Mill
- ③ 分级机 Air Classifier
- ④ 旋风收集器 Cyclone Separator
- ⑤ 卸料阀 Discharge Valve
- ⑥ 除尘器 Dusting Filter
- ⑦ 卸料阀 Discharge Valve
- ⑧ 引风机 Draft Fan

FEATURES

- This machine can be a reflective-type vertical mill or horizontal mill. Classifying equipment is set in comminution chamber. Airflow transfers comminuted material to classifier for collection. Classifying equipment replacing traditional screen, functions both comminution and classification process, resulting high efficiency.

- Airflow control valve and classifying wheel stepless speed governor ensures particle size adjustable without stopping the machine. Furthermore, fines can be recovered, no environment pollution.

- Cooling function of this machine keep the temperature-rise low during comminution, which is specially applied for thermal-sensitive and fibrous materials. Product fineness is well-distributed.

- Convenient for maintenance, operation and cleaning; big capacity.

- New type V-belt as transmission is specialized by great transmission power, stable running and high efficiency.



APPLICATION

Chemicals, ceramic, pesticide, food, refractory material, medicine, new materials minerals (such as calcium carbonate, kaolin, barite, classification of quartz, graphite, talc and other non-metallic mineral products) and other industries.



技术参数 TECHNICAL DATA

型号 Model	转子直径 (mm) Rotor diameter	研磨电机 (KW) Grinding motor	分级电机 (KW) Classifier motor	风量 (m ³ /hr) Air volume	产量 (T/H) Capacity factor
ACM300	300	11	2.2	500	0.05~0.25
ACM400	400	22	3	1200	0.1~0.5
ACM500	500	30	4	1800	0.2~0.6
ACM600	600	37	5.5	2200	0.3~0.8
ACM700	700	45	7.5	2800	0.5~1
ACM850	850	55~75	11	4000	0.8~1.5
ACM1000	1000	90	15	5500	1~2
ACM1100	1100	110	18.5	6800	1.2~2.5
ACM1200	1200	132	22	8000	1.5~3
ACM1400	1400	160~200	30~37	11000	2~4

注: 1. 设备的处理量与物料的性质及产品粒度要求有关。 2. 产品粒度可调。
Note: 1. Capacity depends on material properties and final product fineness. 2. Product fineness is adjustable.

特点

- 适合于莫氏硬度7以下的各种软硬物料的微米级粉碎。
- 与球磨机、气流磨、冲击磨等粉碎设备相比，投资更低，能耗更省，流程简单，性价比高。
- 产品粒度可通过调整入料量、磨介级配、振幅等手段来改变，可与分级机串联使用，获得粒度分布更窄的产品。
- 研磨介质及衬板可采用高锰钢、高铬钢、不锈钢、氧化铝、氧化锆、石英等特殊材料制作，耐磨损，污染少。
- 对热敏性、低熔点物料可采用水冷或强制制冷方式粉碎。
- 可一机多用，在粉碎过程中完成产品改性、混合过程。
- 根据物料的性质，可采用干磨或湿磨，也可采用连续磨或间歇磨。
- 可按GMP要求制作，用于医药、中草药、食品、保健品生产厂家，或科研院所实验室用。
- 采用空气弹簧或橡胶弹簧替代硬弹簧，使用寿命长，减振效果好，噪音低。

实际应用

广泛应用于中草药、医药、农药、食品、保健品、化工、矿物、建材、冶金、磨料、陶瓷、耐火材料、新材料等行业。

磨筒(内外镜面抛光)
Grinding Tube (Inside and Outside with Mirror Polished)



实验室专用振动粉碎机MZ3
Lab Vibration Mill MZ3



MZ系列振动粉碎机
Vibration Mill Series MZ

FEATURES

- Suitable for hard and soft materials with Mohs' hardness < 7
- Compared to ball mill, air-stream mill and impacting mill, it has low investment cost, low energy consumption, simple flow, high efficiency and reasonable price.
- Particle size can be changed by adjusting quantities of feed materials, amplitude of vibration and grinding media's grades. To form series connection with classifier to get products with narrower size distribution.
- Grinding Media and scale-board are made of high manganese steel, high cadmium steel stainless steel, AL₂O₃, ZrO₂ and quartz materials. Wear resistance and no pollution.
- To crush heat-sensitive and low melting point materials by the method of water cooling or strong refrigeration system.
- To use single machine to change products' nature and finish its mixture during crushing.
- According to materials' nature, to adopt dry mill, wet mill, continuous mill or intermittent mill.
- According to GMP, used in drugs, herbal medicine, food, health-care. Or research institutes and lab.
- To adopt air spring or rubber spring instead of hard spring. Long life, good vibration absorbing results and low noises.

技术参数 TECHNICAL DATA

参数 Parameters	型号 Type	MZ03	MZ10	MZ30	MZ50	MZ100	MZ200	MZ300	MZ500
筒体容积 Tube Volume	L	3	10	30	50	100	200	300	500
入料粒度 Feeding Size	mm	5	5	5	5	5	5	5	5
出料粒度 Product Fineness	um	10~150	10~150	10~150	10~150	10~150	10~150	10~150	10~150
产量 Production Capacity	kg/h	0.5~1	1~5	5~20	10~50	20~150	50~300	100~500	150~800
装机功率 Installation Power	kw	0.37	0.75	1.5	2.2	3.7	7.5	11	15

注：设备的处理量与物料的性质及产品粒度要求有关。
Note: Capacity depends on material properties and final product fineness.

APPLICATION

Widely used for Chinese herb medicine, medicine, pesticides, food, health supplies, chemical, minerals, building materials, metallurgy, abrasive, ceramics, fire-proof material, new materials and other industries.



工作范围

1. 对原材料进行调查, 鉴定, 评估
2. 对生产线改进提高等提供咨询, 以达到市场要求
3. 新加工技术的发展, 包括机械设备的改进
4. 生产线的工程项目管理, 以及调试和客户员工培训
5. 生产线的项目设计和项目规划, 包括当地供应部分的工程设计和技术规格
6. 对最终产品应用提供咨询, 并协助国际市场推广

项目步骤

第一步: 可行性研究

这个阶段主要是大体估计一下项目的预算、设计、时间计划和效益。因此, 这是根据收益率和可行性进行项目抉择的首次并且是关键的时候。

第二步: 项目准备

这个阶段包括工艺、工艺步骤界定(对界定很重要), 预布置, 预算, 时间计划, 采购, 试验, 合作伙伴的选择, 金融和许可。这是第二次进行项目抉择。

第三步: 项目完成

这个阶段, 整个项目将由我们根据合同的规定进行管理, 最终设计, 预算, 时间计划, 界定, 土建工作等等, 一直到项目的启动。也是在这个阶段, 要进行人力资源的评估, 聘用并培训操作工。

工艺特点

- 设计理念源自德国最新技术, 是国际标准的矿物深加工生产线
- 球磨机的选择, 根据物料性质、产品粒径和产量要求采用非标准化设计, 以满足客户对于最终产品的国际标准要求, 以及在安全和环境方面的要求
- 分级机的选择, 根据最终产品的不同粒径要求选择不同方式分级机型, 每种机型都具有很宽的产品粒径调节范围, 可满足下游用户的不同需求
- 生产线规模可从1万吨/年到50万吨/年, 也可同时生产多个产品粒径, 通过对分级机的优化组合, 确保产品能耗最低, 粒度分布最佳
- 我们通过部分设备的减振和软连接, 使噪音达到最小化, 通过使用优良的过滤材料, 保证粉尘排放量达到国家环保标准
- 我们提供的是交钥匙工程的解决方案, 从矿石的开采到最终产品包装, 其他方面如场地的选择, 厂房的建设, 下游市场的分析, 我们同时会给客户很好的咨询, 让客户得到超值的服务与回报

实际应用

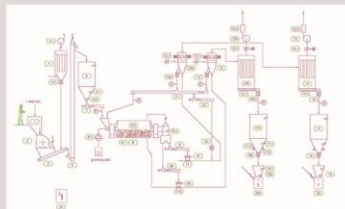
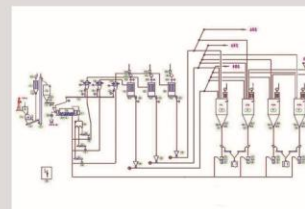
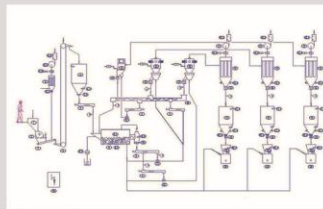
碳酸钙、石英、石膏、长石、高岭土、重晶石、氧化铝、矿渣、氧化镁、超细水泥、锆英砂及其他矿物等。

**FEATURES**

- Design concept originated in the latest German technology, is the international standard of non-metallic mineral ultra-fine processing production line.
- The choice of ball mill, according to the character of material, product size and production requirements using non standardized design, to meet customer for the final product to international standards, and the safety and environmental requirements.
- The choice of classifier, according to the final products of different grain size requirement to select the different classification models, each model has very wide particle size range, can meet the different needs of downstream users.
- In a production line scale from 10,000 tons to 100,000 tons/year, also can produce a plurality of product size, the classifier to optimize combination, ensure that the products of the lowest energy consumption, the size distribution of the best.
- We through part of the equipment vibration and the soft connection, so that the noise to a minimum, through the use of excellent filtration materials, ensure the dust emissions to achieve the national standard of environmental protection.
- We provide is a turnkey solution, from ore extraction to the final product packaging, other aspects such as the choice of venue, plant construction, downstream market analysis, we will also give you good advice, let you get the value-added service and return.

**APPLICATION**

Calcium carbonate, quartz, barite, kaolin, feldspar, gypsum, aluminum oxide, slag, aluminum hydroxide, magnesium oxide, magnesium hydroxide, ultrafine cement, zircon sand and other minerals, etc.

工艺流程**PROCESS**

特点

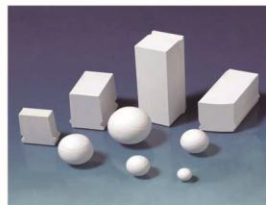
- 完全按照客户的加工要求来进行设计
- 选用国际最新设计技术，优化长径比，无过磨现象
- 低能耗，无污染，达到国家环保标准
- 进料稳定，研磨效率高
- 低转速，磨耗低

QBM系列球磨机
Ball Mill Series QBM**FEATURES**

- Robust construction with controlled manufacturing quality
- Various lining materials
- Various shapes and materials for grinding media
- Also special designs are possible
- Pre assembled for fast erection
- Low costs for foundation on side

实际应用

矿物粉体（碳酸钙、石英、重晶石、长石、石膏、高岭土、氧化铝、矿渣、氧化镁、锆英砂及其他矿物）
建筑材料
耐火材料
陶瓷、填料
化工产品等

球磨机高铬研磨介质
Ball Mill High Chromium Grinding Media球磨机氧化铝衬板和氧化铝研磨介质
Ball Mill Al₂O₃ Linings and Al₂O₃ Grinding Media**APPLICATION**

Mineral powders (such as quartz, barite, calcium carbonate, kaolin, feldspar, slag, magnesium oxide, magnesium hydroxide, aluminum oxide, aluminum hydroxide, gypsum, zircon sand, etc.)
Construction materials
refractory materials
ceramic fillers
chemical products

**特点**

- 除尘效率高，无需二次除尘
- 高质量的过滤材料，可满足任何工作条件，且使用寿命长
- PLC智能控制系统或脉冲控制仪控制，可以方便、准确、可靠地运行。
- 气包结构和模块化制造使安装更容易。
- 低系统阻力
- 能耗低，运行稳定可靠
- 排放浓度低，粉尘排放符合国家环保标准。

FEATURES

- High dust collecting efficiency, there is no second dust absorbing
- Filter material with high quality can meet any working condition, and have longer service life
- PLC intelligent controlling system or controlled by pulse control instrument, can be operated easily, precisely and reliably
- Gas tank structure and module manufacturing make installation much easier
- Lower system resistance
- Low energy consumption, stable and reliable operation
- Dust emissions in line with national environmental standards

**实际应用**

广泛用于制药、食品、化工、矿山、木工、铸造、水泥工业、锅炉、冶金、建材、电力等行业。

APPLICATION

Widely used in machinery, pharmaceutical, food, chemical industry, mining, woodworking, foundry, cement industry, boiler, metallurgy, building materials, electric power and other industries.



风机 Draft Fan



卸料阀 Discharge Valve



电控柜 Electric Control Cabinet



客户现场 (部分) Customer Reference (Part)

