

## 卧式砂磨机

### Horizontal Sand Mill

#### 产品概述

此型式的分散盘在槽孔和多轮廓的作用下，使研磨介质的球体产生强烈的碰撞和摩擦，使物料得到高效率的研磨分散。

该机采用经优化设计的机械密封，具有可靠性和耐用性，并配有与研磨物料相容性的冷却液，减少对研磨物料的污染。

适用于农药、涂料、油漆、油墨等行业的物料研磨，能将物料颗粒的聚体化，通过强力的研磨短时间内达到要求的细度。操作简单，可靠性好，生产效率高，能满足用户的需要。

#### 特点

- 可选配强度较好的氧化锆珠和研磨盘以达到更好的使用性能；
- 研磨筒体采用螺旋水冷技术，冷却效果好；
- 该机是目前市场上最早的湿法研磨设备，性能和结构非常成熟；
- 生产效率高，空间占用小；
- 操作简单，使用维护方便。



#### Product introduction

The type dispersing disk is functioned by the slot hole and multiplied profiles to produce the strong bump and friction among mediate ball bodies. Therefore, the material can be ground and dispersed in high efficiency.

The machine adopts the dual end surface mechanical sealing with reliability and durability, mated with the coolant compatible to the ground material in order to reduce the pollution of ground material, suitable to grind the materials in coating, oil painting printing ink and pesticide industries. It makes the material into aggressiveness and give the strong grind so that the grains reaches the required fineness in short time. The machine is easily operated with reliability and high production efficiency. Depending on different requirements, the different models of machines can satisfy with customers.

#### FEATURES

Can select zirconium beads and grinding plates with high intensity to make the grinding power more centralized. The grinding cylinder adopt screw cooling technology, the cooling effect is good. It is the earliest wet grinding equipments in the market. High production effect, Small dimension. Simple operation and easy maintenance.

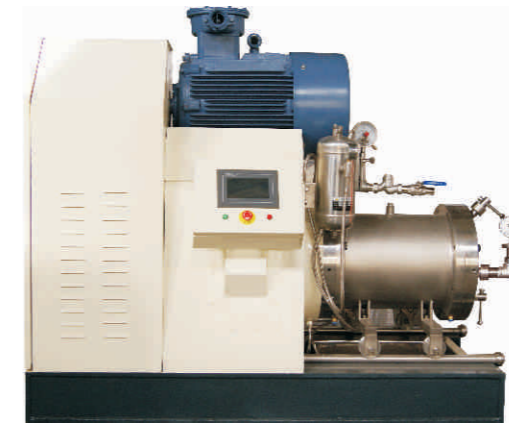
## 技术参数

### Technical parameters

型号 Model	MYM15A	MYM20A	MYM30A	MYM48A	MYM60A
筒体容积 Tank capacity L	15	20	30	48	60
电机功率 Motor power KW	11	18.5	22	37	45
产量范围 Production capacity kg/h	30~200	40~300	50~600	100~1000	150~1200
研磨细度 Fines	2 $\mu$ m - 20 $\mu$ m				
输送泵型式 Pump type	隔膜泵/齿轮泵 Diaphragm pump/Gear pump				

## 卧式珠磨机

### Type Agitated Bead Mill



#### 产品概述

适用于涂料、油漆、油墨、颜料、农药、造纸、非矿填料等物料的超细分散研磨，可以改变筒体装珠量，以满足各种不同的物料的需要，有强力的冷却系统，用微型的研磨介质研磨可达到高品质的要求，研磨白料不会发生发灰现象。

## 技术参数

### Technical parameters

型号 Model	ABM2	ABM15	ABM25	ABM48	ABM60
筒体容积 Tank capacity L	1.6	15	25	45	60
电机功率 Motor power KW	4-6	22-37	37-45	55-75	70-90
产量范围 Production capacity kg/h	5-100	25-500	50-800	100-1500	200-2500
研磨细度 Fines	100nm - 5 $\mu$ m				
输送泵型式 Pump type	隔膜泵/齿轮泵/螺杆泵 (Diaphragm pump/ Gear pump/ Screw pump)				

#### 特点

- 采用动态分离系统，研磨介质与物料易分离，不会产生堵塞；
- 研磨筒体、棒销、转子的材料可根据耐磨性、耐腐蚀性的要求加以更换；
- 可用于大流量生产，产品粒度分布窄；输入能量密度高，产品可达纳米级；
- 适用料浆的粘度范围广泛，在20 mPas - 7000 mPas；
- 采用研磨筒体及转子强制冷却系统，出料温度低；
- 采用经优化设计的双端面机械密封（我司为“砂磨机用机械密封技术条件”HG/T2477标准制定单位）。

#### Product introduction

Applicable for super fine dispersing in coating ink, non mineral filling pin industry, and so on, easy to change tank storage capacity so as to meet different material requirement, equipped with strong cooling system. The small milling medium can meet high quality demana.

#### FEATURES

Adopt dynamic separation system, grinding media is easy be separated from the material; The material of grinding tank, pin, & rotor can be changed according to the characteristics of the material. Suitable for mass production, narrow distribution; high input energy density, can produce nano powders; Suitable for a wide viscosity range, from 20 mPas - 7000 mPas; The grinding cylinder and rotor forced cooling system, the material of low temperature. The optimized design of the double seals (our company is the standard setting unit of mechanical seals for sand mill technical conditions of HG/T2477)