

◆ 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280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压，碾压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。

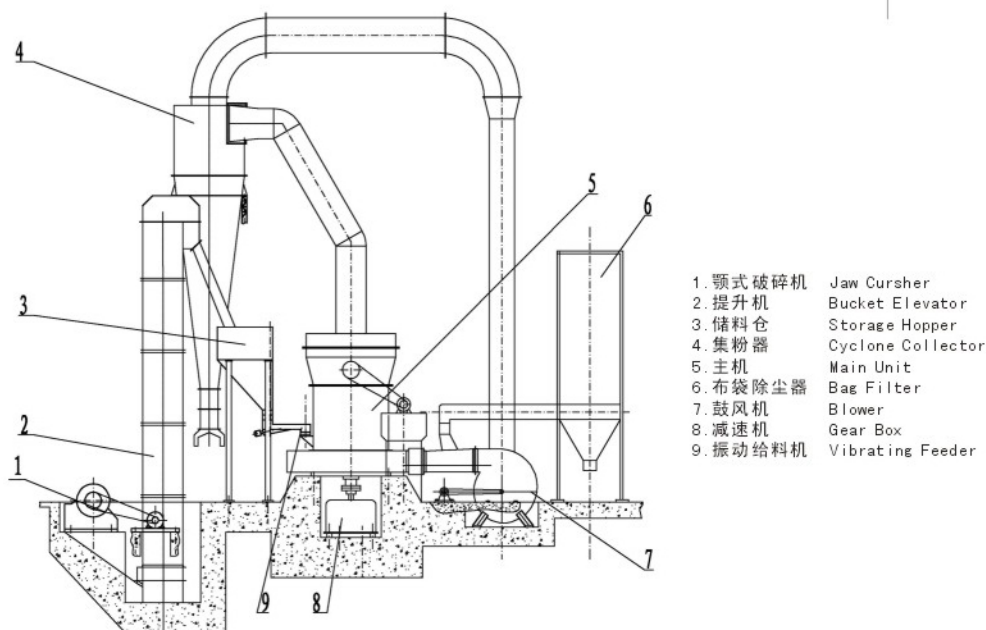
当磨辊与磨环达到一定磨损后，调整高压弹簧长度，保持磨辊与磨环之间恒定碾压力，从而保证稳定的产量与细度。

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. 储料仓 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 shoved 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①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 ones of mainframes 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,通筛率为80%。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: 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.