



## Barite Kaolin Limestone Raymond Mill Powder Maker Machine

### Basic Information

- Place of Origin: China
- Brand Name: Ascend
- Certification: CE
- Model Number: 3R2615 4R3016 4R3216 5R4121
- Minimum Order Quantity: 1 set
- Price: USD 3500-65000 Per set
- Packaging Details: water and rust proof in container
- Delivery Time: 10-15 working days
- Payment Terms: T/T, Western Union
- Supply Ability: 10 set per month



### Product Specification

- Application: Stone Powder Making
- Color: Customized
- Feeding Size: 20mm
- Name: Raymond Roller Mill
- Condition: NEW
- Type: Raymond Mill, grinding Mill
- Capacity(t/h): 0.5 To 10TPH
- After-sales Service Provided: Engineers Available To Service Machinery Overseas
- Output Size: 0.613-0.044mm
- Highlight: **Limestone Powder Maker Machine, stone raymond roller mill**



### More Images



Our Product Introduction

for more products please visit us on [mining-crushermachine.com](http://mining-crushermachine.com)

## Product Description

### Limestone barite and gypsum powder making raymond mill machine

Raymond mill, also known as R-type Raymond mill, is a new efficient grinding machine using the closed-cycle method. It is widely used to grind all kinds of non-metallic ores.

Our Raymond grinding mills and related components can be inspected in our 35 thousand-square-foot facility located in Zhengzhou, Henan Province, China. Our equipment is finished and ready to ship whether you are expanding capacity or in an unexpected emergency situation.

Besides, compared to other manufacturers, Fote can provide the lowest price due to direct sale to our customers without distributor.

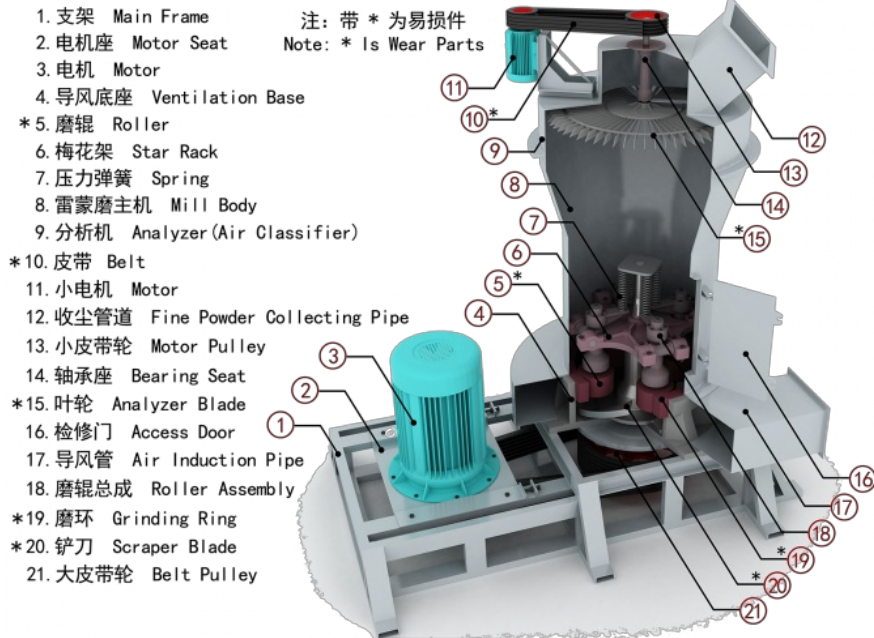


#### Working Principle:

Raymond mill is mainly composed of main engine, an analyzer, a draught fan, a finished product cyclone separator, a fine powder cyclone separator and an air hose.

The main body consists of a frame, an air inlet volute, a shovel, a grinding roller, a grinding ring, and a shell.

The jaw crusher crushes large pieces of material into smaller particles within the feed size of the Raymond roller mill. The discharging materials, after passing through the bucket elevator, are sent into the storage hopper and vibrating screen for being evenly and continuously ground in the main crushing chamber.



**Product pictures**







## **Difference between Raymond mill and ball mill**

### **Processing different materials**

Raymond mill is suitable for processing non-metallic materials that are not too hard, such as limestone, gypsum, calcium carbonate; ball mills can process metal materials and hard materials such as potassium feldspar, quartz, metal ores, etc.

### **Processing method**

Raymond mill can only be used for dry grinding, which has a requirement of the material on the humidity; the ball mill can be used for wet grinding, so there is no limit to the materials on the humidity.

### **Different Output**

The maximum output of Raymond mill is only 20-30 tons per hour, while the output of ball mill is between 0.65 tons and 615 tons per hour.

### **Discharging granularity**

Raymond mill has a uniform particle size and does not need other equipment for screening; ball mill has an uneven discharge, so the finished powder needs to be sieved by powder separator.

### **Grinding fineness**

Raymond mill can process a finer powder and produce even product with the fineness 800 mesh while the ball mill can only reach 400 mesh.

### **Much noise produced**

The noise of Raymond mill is much lower than that of the ball mill.



### Raymond mill spare parts

The main wearing parts of raymond mill are grinding roller and ring and the lifting shovel. All of them are made of high wearable high manganese alloy Mn13Cr2.



Roller assembly

Ring

Roller

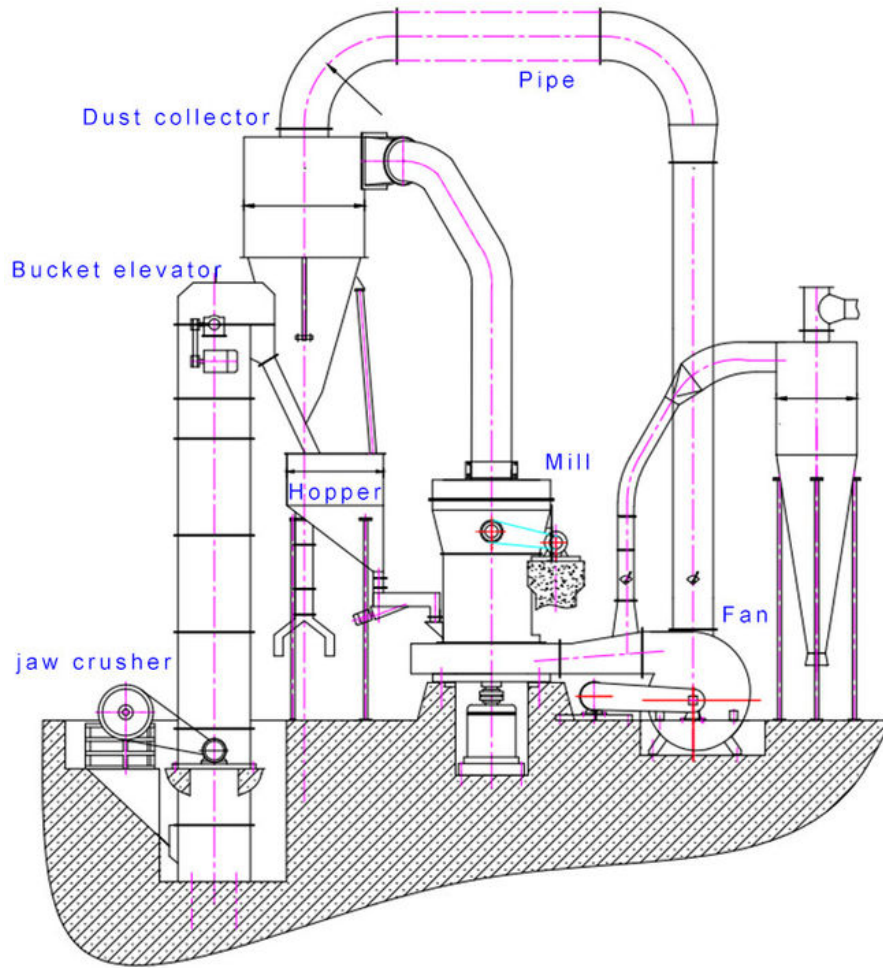
Lifting blade

### Product specifications

Model	Roller Number	Roller Size (mm)	Feeding Size (mm)	Output Size (mm)	Capacity (T)	Motor Power (kw)	Weight (t)
3R1510	3	150*100	15	0.2-0.044	0.3-1.2	7.5	2
3R2115	3	210*150	15	0.2-0.044	0.4-1.6	15	3.6
3R2615	3	260*150	20	0.2-0.044	0.8-2.5	18.5	4.2
3R2715	3	270*150	20	0.2-0.044	0.9-2.8	22	4.8
3R2715	3	300*150	20	0.2-0.044	1.2-3.5	30	5.3
4R3016	4	300*160	20	0.2-0.044	1.2-4	30	8.5
4R3216	4	320*160	25	0.2-0.044	1.8-4.5	37	15
5R4121	5	410*210	30	0.2-0.044	3-9.5	75	24

### Installation drawing

For each raymond mill we sold, we will offer the customer installation drawing before installation. If customer needs, we will also send engineer to local site for installation and commissioning guidance.



## Contact information

Name: [Wilson Shi](#)

Email: [wilson\\_ascendme@163.com](mailto:wilson_ascendme@163.com)

Whatsapp & wechat: [0086 18221130967](tel:008618221130967)

Address: [Shenglong Block, High tech zone, zhengzhou, China.](#)

**ASCEND** Henan Ascend Machinery Equipment Co., Ltd.

[+86 18221130967](tel:+8618221130967)

[wilson\\_ascendme@163.com](mailto:wilson_ascendme@163.com)

[mining-crushermachine.com](http://mining-crushermachine.com)

Shenglong block, high tech zone, Zhengzhou, China