



## 0.5 To 10TPH Raymond Grinding Mill Stone Powder Making

### 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

- Name: Raymond Grinding Mill
- Application: Stone Powder
- Color: Customized
- Feeding Size: 20mm
- Capacity(t/h): 0.5 To 10TPH
- Output Size: 0.613-0.044mm
- Highlight: **10TPH Raymond Grinding Mill, Stone Powder Raymond Grinding Mill, Stone Powder raymond mill machine**



Our Product Introduction

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## Product Description

### 0.5 To 10TPH Raymond Grinding Mill Stone Powder Making

Raymond Grinding 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.

Raymond Grinding Mill can be used in more than 150 kinds of stone materials powder grinding, such as: calcite, calcium carbonate, dolomite, gypsum, carbon black, gypsum, kaolin, marble and so on

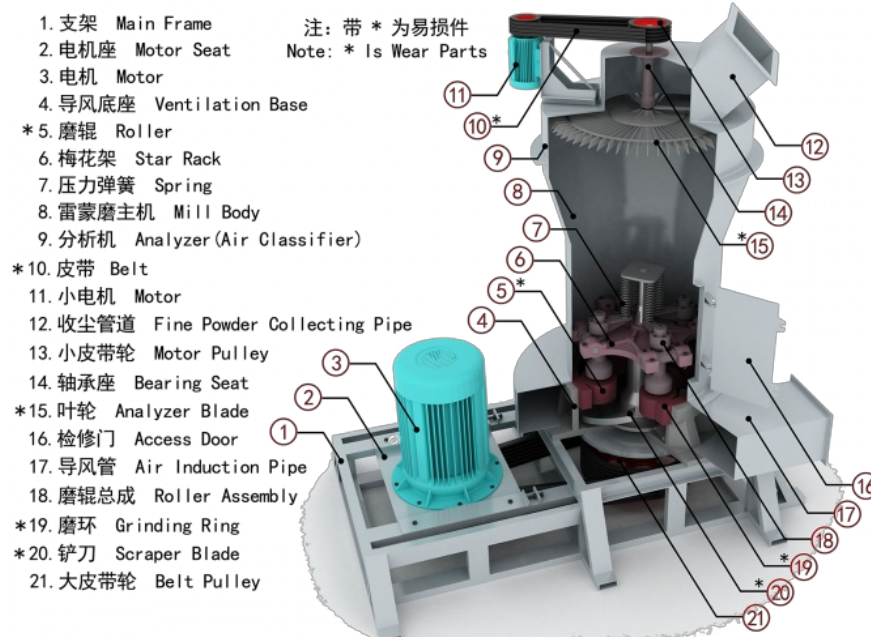


#### Working Principle:

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.

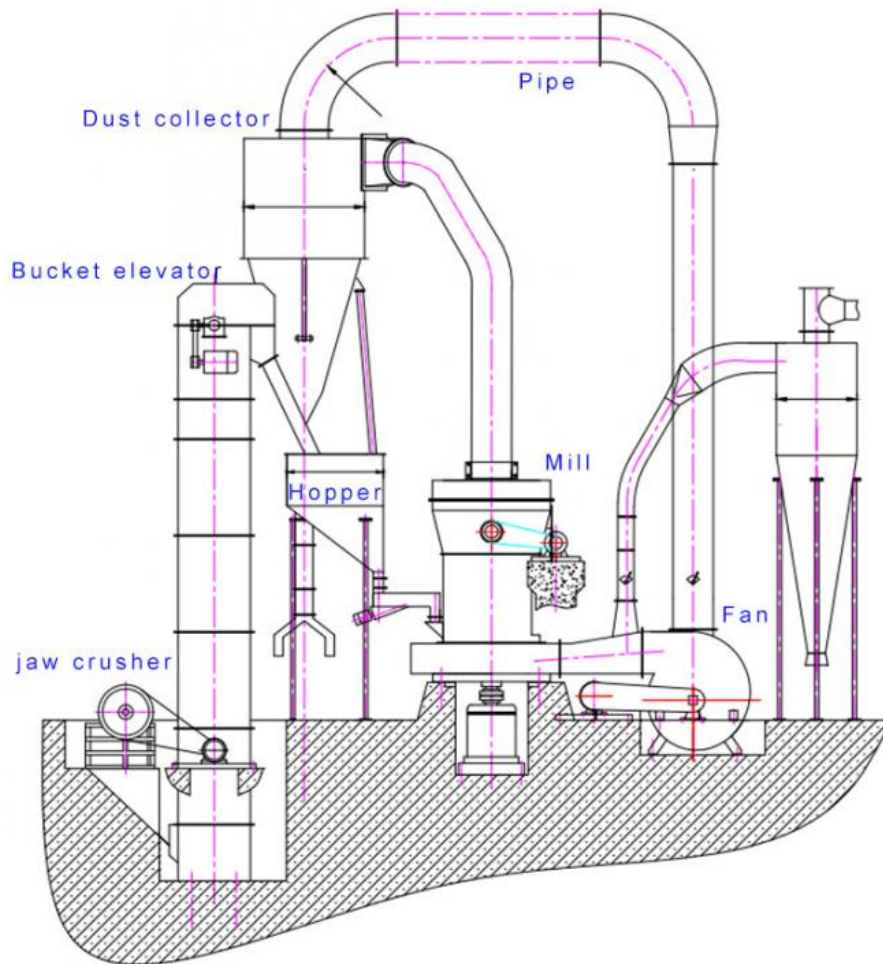


**Product specifications**

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

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