



## **HENAN KEXING HEAVY INDUSTRY CO., LTD.**

Mobile: 0086-15838198362 Email: [kexing-crusher-mill@hotmail.com](mailto:kexing-crusher-mill@hotmail.com)  
Address: Zhongyuan District, Zhengzhou City, Henan Province, China

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### Raymond mill



#### **Over View of Raymond Mill:**

Raymond Mill produced by our company is mainly used to grind non-inflammable and non-explosive materials with Moh's hardness below 7 and moisture content below 6% such as barite, calcite, potash feldspar, talcum, marble, limestone, ceramic, glass, etc Raymond Mill can be used in mining, chemical industry, construction materials, metallurgy and so on. The final products can be adjusted freely from 100 mesh to 425 mesh.

#### **Working Principle of Raymond Mill:**

Firstly, raw material is crushed by jaw crusher to the size required, then elevated into a hopper from which the material is transported through the electro-magnetic vibrating feeder evenly and continuously into the grinding chamber for powder-processing.

The rollers oscillate outward to press the ring because of the centrifugal force and the shovel scoops up the materials, send to the middle between the ring and rollers to accomplish the grinding.

After grinding, the rough materials will be recycled by the air from the fan back into

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the grinding chamber for regrinding and the fine powders are blew into the cyclone and poured out through the output-powder pipe as the final products.

### Specification of Raymond Mill:

Model	Roller Number	Roller Size (mm)	Maximum Feed Size (mm)	Fineness of Final Product (mm)	Output (t/h)	Main Frame Power (kW)	Blower Power (kw)	Overall Dimension (mm)
5R4119	5	410×190	20-25	0.613-0.044	5-12	75	75	7850×8000×9700
4R3216	4	320×160	20-25	0.28-0.047	1.0-8.0	37	30	9900×5800×10580
4R2715	4	270×150	15-25	0.28-0.047	0.8-4.0	22	18.5	8700×5000×7819
3R2715	3	270×150	15-20	0.28-0.047	0.7-3	22	18.5	8700×5000×7819
3R2615	3	260×150	15-20	0.28-0.047	0.5-2.7	18.5	15	5650×3305×5950
3R2115	3	210×150	15-20	0.28-0.047	0.4-1.6	15	11	4500×2800×5800
3R1410	3	140×100	5-10	0.28-0.047	0.1-1.0	7.5	5	3200×2100×4500

### Working field of Raymond mill:



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