R Raymond Mill

The R Raymond Mill are mainly used in grinding more than 280 noninflammable and nonexplosive materials with a Moth's hardness below 7 scale, a humidity below 6%, such as barite, calcite, potash, pencil stone, marble, limestone, ceramic, glass and other materials which used in mining, construction, chemical and metallurgy. The size of powder can be controlled ranging from 80 to 325 meshes.

Working Principle of Raymond Mill

First material should be crushed into the desired size by Jaw Crusher, and delivered to the Silo by Bucket Elevator. Our Designed Vibrating Feeder will feed the material into the grinding room. With the air current from the Air Blower, those powder conforms to the fineness degree will be blew into the cyclone collector and those powder that is not consistent with the desired size will return to the grinding room to be re-ground. The whole system is airtight circulation, and the circulatory flow under the negative pressure.

Features Of R Raymond Mill

1.Three-dimensional structure

2.Land-saving

3.The screen-passing rate can reach to 99%

4.The transmission is steady and reliable;

5.The transmission device of mainframe adopts airtight gear case and zonal wheel.

6.Centralized control for the electric system, convenient to operate.

Technical Data Of R Pendulum Mill

models	roller (pcs)	roller size (mm)	max. Feed size(mm)	product size (mm)	capacity (t/h)	power (kw)	weight (t)
3R1410	3	140X 100	8	0.125-0.044	0.2- 1.2	7.5	1.6
3R2115	3	210X 150	15	0.125-0.044	0.4- 1.6	15	3.6
3R2615	3	260X 150	20	0.125-0.044	0.8- 2.5	18.5	4.2
3R2715	3	270X 150	20	0.125-0.044	0.9- 2.8	22	4.8
4R3016	4	300X 160	20	0.125-0.044	1.2- 3.5	30	8.5
4R3216	4	320X 160	25	0.125-0.044	1.8- 4.5	37	15
5R4119	5	410X 190	30	0.125-0.044	2.5- 8.5	75	24.5

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