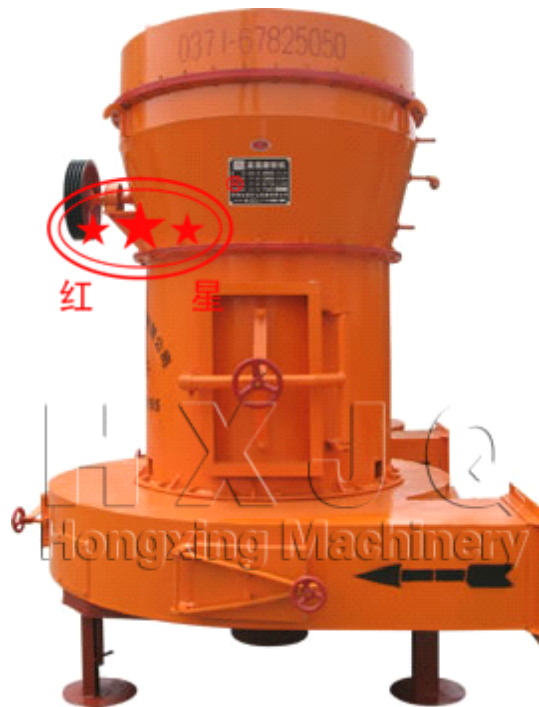




The machine is used for grinding the barite, limestone, kaolin, cerames, and slags, etc, below scale 9.3 of Mohs hardness and 280-odd sorts of non-inflammable and non-explosive stuff in the trades of mining, metallurgical industrial, chemical engineering and building material for high fine powder generation and processing. The product size is adjustable in the range of 80-325 (600 the largest) meshes. It is possible to product 30-80 mesh coarse powder through special device in the machine.

### Working principles:

When it is put into use, the materials to be grinded are put into the main frame through the feed-in bin on the side cover. Then it revolves round the vertical axis line by the milling roller hung on the star rack. With the centrifugal force by rotation, milling roller wings outside and presses fast on milling rings to make relieving tool carry materials between milling roller and ring, thus the materials are crushed by the rolling and milling of the milling roller.



### Technical parameters of Raymond mill

Model	6R4525	5R4119	4R3216	3R90	3R85	3R75	3R65	3R60
				4R90	4R85			
Particle size of feed (mm)	<=30	<=25	<=25	<=25	<=20	<=20	<=15	<=15
Particle of finished product(mm)	0.125- 0.044	0.125- 0.044	0.125- 0.044	0.125- 0.044	0.125- 0.044	0.125- 0.044	0.125- 0.044	0.125- 0.044
shift output at different material fine degree(t)	16-120	8-60	4-45	3-35	2-28	1.5-20	1-18	0.5-8
Rotate speed of central shaft (r/min)	82	105	130	160	160	160	180	280
Inner diameter of pulverizing ring (mm)	1770	1400	1073	973	885	865	725	495
Diameter of pulverizing roller(mm)	450	410	320	300	270	260	210	140

Height of pulverizing ring(mm)	250	190	160	160	150	150	150	100
Electrical machine of main frame	y315m- 4-132	y280s- 4-75	y225s- 4-37	y225m- 8-30	y225m- 8-22	y225s- 8-18.5	y200L- 8-15	y160m- 6-7.5
Electrical machine of blower	y315m- 4-132	y250m- 4-75	y200L- 4-37	y180m- 4-22	y160L- 4-15	y160L- 4-15	y160m- 4-11	y132s- 2-5.5
Electrical machine of analyzer	y160m- 4-11	yc200- 4B-7.5	yc120- 4a-5.5	y112m- 6-2.2	y112m- 6-2.2	y112m- 6-202	y112m- 6-2.2	y90L- 6-1.1