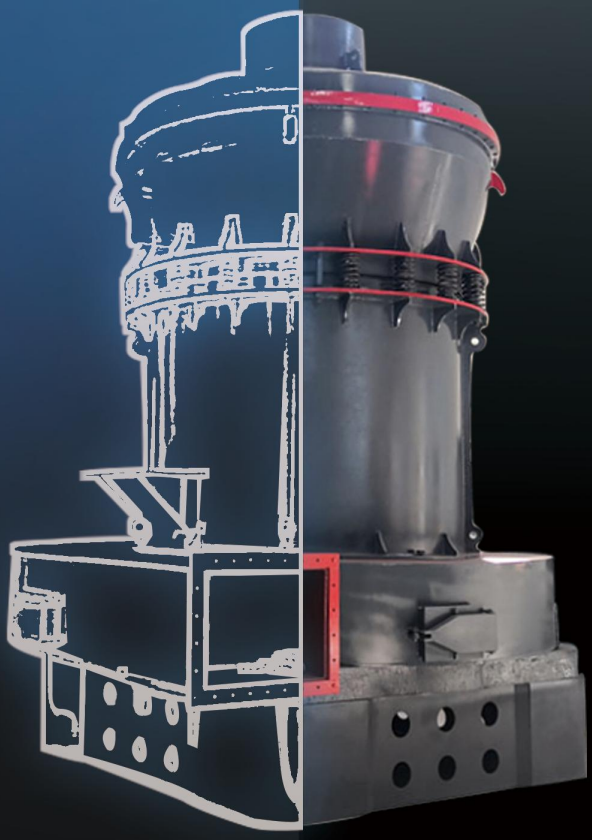
DING BO

YGM Raymond Mill

Capacity:3-22t/h
Max. Input Size: 35mm



Craftsmanship
Shape the reputation of trust

Features

High Grinding Efficiency

The new generation of Raymond Mill has made a lot of improvements. These improvements effectively ensure the stable and efficient production.

Lower Energy Consumption

Under ideal conditions, a Raymond Mill consumes less energy than other ordinary mills. Its electricity consumption is lower than that of ball mills at the same level by over 60%.

Lower Investment Costs

From raw materials to finished powders, the milling system is a complete powder preparation system. The investment costs are totally acceptable.

Eco-friendly Production

Raymond Mill forms a complete closed-circuit circulation system with other auxiliary devices together. The system runs under negative pressure. It is more eco-friendly.

Sufficient Supply of Spare Parts, Worry-free Operation

Dingbo is the manufacturer, we take responsibility for every machine produced by ourselves. We can offer customers technical services about products and original spare parts to ensure the worry-free operation.

Application

This mill is mainly applied to the material processing of metallurgy, building materials, chemical engineering, mining and other industries.

Material

It can grind limestone, calcite, marble, talcum, dolomite, bauxite, barite, petroleum coke, quartz, iron ore, phosphate rock, gypsum, graphite and other non-inflammable and non-explosive mineral materials with Moh’ s hardness below 9 and humidity lower than 6%.

Raymond Mill is beneficial for energy saving and environmental protection. It has high processing capacity, high separation efficiency and low energy consumption.

Technical Parameters

Model	Roller			Ring		Feeding Size (mm)	Finished Size (mm)	Motor Power (KW)	Capacity (t/h)	Overall Dimension (mm)
	Quantity (piece)	Diameter (mm)	Height (mm)	Inner Diameter (mm)	Height (mm)					
YGM7815	3	260	150	780	150	15	0.613-0.033	18.5	1-3	4300*3500*5100
YGM9517	4	310	170	950	170	25	0.613-0.033	37	2.1-5.6	7100*5900*7900
YGM4121	5	410	210	1280	210	30	0.613-0.033	75	2.8-10.5	9200*7250*9700
MTM160	6	440	270	1600	270	35	0.613-0.033	132	5-20	95500*8500*83500
MTM175	5	520	280	1750	280	40	0.6-0.045	160	13-25	12275*9555*9916

Notice: **Any change of technical data shall not be advised additionally.**

WORKING PRINCIPLE

1. Raw materials are crushed into specified particle size by a jaw crusher, lift to the hopper by a bucket elevator, and then sent into the grinding chamber by a feeding machine quantitatively.
2. Rotating shovels scoop up raw materials and project them between the rollers and the ring where the grinding takes place.
3. The pulverized powder is blown to the classifier by the blower airflow for classifying. The oversized particles fall into the grinding chamber for regrinding. Qualified powders flow into cyclone collector through the classifier and are collected as end products.
4. To ensure that the Raymond mill works under negative pressure, the increased airflow enters the pulse dust collector through the pipe and is discharged into the atmosphere after purification. The dust-free operation in the workshop is realized by the pulse collector.

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