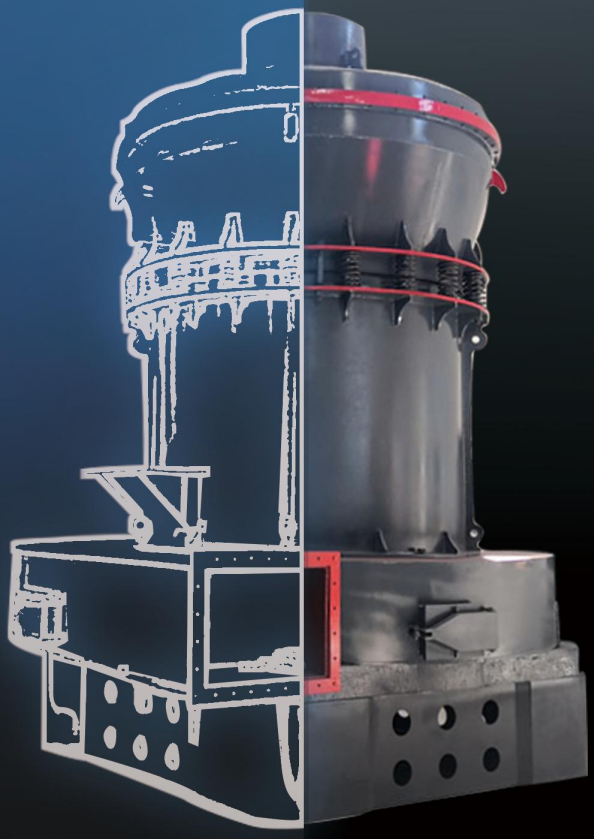
DING BO

YGM High-pressure Suspension Mill

Capacity:0.5-20t/h
Max. Input Size: 30mm



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Features

1. Size of final product can be 0.613mm (30mesh) –0.033mm (425mesh). Some can reach the fineness of 0.013mm (1000 mesh).
2. Compared with other mills its capacity increases by 10%-20% under the same power condition and compression force of rollers to material improve 800-1200kgf under the force of high-pressure spring.
3. High Pressure Suspension Mill meets the requirement of national dust-dump standard..
4. The separator can be adjusted very easily..
5. The curved surface shovel with split design, only the blade to be replaced during maintenance, thus the shovel has long service life.
6. The multi-class seals are adopted to keep the grinding equipment tightly closed.

Application

It can be used in mining, building materials, chemical industry, metallurgy and other industries.

Material

Limestone, calcite, barite, dolomite, potassium feldspar, bentonite, medical stone, rock phosphate, manganese ore, iron ore, quartz, active carbon, carbon black, ceramic, coal, etc..

High Pressure Suspension Grinding Mill adopts many proprietary technologies. Pressurizing device with high pressure spring can improve the grinding pressure of roller, which makes efficiency improved by 10%-20%. And the sealing performance and dust removal effect is pretty good.

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

When working, under the action of high-pressure spring and centrifugal force, the grinding roller rolls close to the grinding ring, and the shovel scoops up the material and sends it between the grinding rollers and the grinding ring, and the grinding rollers roll with the grinding ring to achieve the purpose of grinding and crushing. After the material is ground, the powder will be separated by the classifier with the circulating air of the blower. The coarse powder will fall back to the grinding chamber for regrinding, and the qualified powder with airflow will enter the cyclone powder collector and be collected, and finally be discharged through a duct as finished products.

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