

MTM Medium Speed Trapezium Mill([grinding mill](#))

Introduction to the MTM Medium Speed Trapezium Mill ([grinding mill](#))

MTM Medium Speed Trapezium Mill ([grinding mill](#)) is a new kind of grinding mill we company produced .And on the basis of years' research and world industrial grinding technology ,we company have developed this kind of grinding equipment with the world advanced technology, which have become the primary equipment in the domestic grinding area.An the **grinding mill** have created the huge economic and social benefits for the business.



Technical features of MTM Medium Speed Trapezium Mill([grinding mill](#))

1. This series of **grinding mills** more efficient;
2. High classifying precision
3. The **grinding mill** energy efficient, convenient and quick;
4. Unique design.

Application of MTM Medium Speed Trapezium Mill ([grinding mill](#))

And now **grinding mill** have found its extensive application in the field of Building materials, chemicals, fertilizer, metallurgy, mining, nonmetal, abrasive, refractory,

ceramics, steel, thermal power, bricks, coal with the Mohs hardness lower than 9.3 degree .And it can be used to crush various non-flammable and explosive mineral materials with the moisture of less than 6%.

Working principle of MTM Medium Speed Trapezium Mill ([grinding mill](#))

Grinding mill driven by the central axis of rotation..The top of the shaft is connected with a quincunx stand,on which a grinding roller is installed to form a awing support ,the grinding roller not only rotates around its own axis ,but also rotates around the grinding ring and rotates itself due to the friction. There is spade system under the quincunx stand ,which is at the bottom end of the grinding roller .During rotation of the spade and the rollers ,materials will be fed into the space between rollers and ring to form a material layer.The materials will be grinded due to centrifugal force.

Main parameters of MTM Medium Speed Trapezium Mill ([grinding mill](#))

Grinding mill

Item	MTM100	MTM130	MTM160
Number of roller	4	5	6
Major diameter of roller ×Height (mm)	Φ320×200	Φ410×240	Φ440×270
Internal diameter of roller × Height (mm)	Φ980×200	Φ1280×240	Φ1600×270
Main engine spindle speed (mm)	130	103	82
Maximum feeding grain size (mm)	<25	<30	<35
Grain size of finished product (mm)	1.6 —0.038	1.6 —0.038	1.6 —0.038
Output (t/h)	3 — 8.8	6 —13	13 —22
Overall dimension (mm)	9910×5365×8310	7910×7000×9645	12550×5700×8355
Weight(t)	16	26.1	35

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