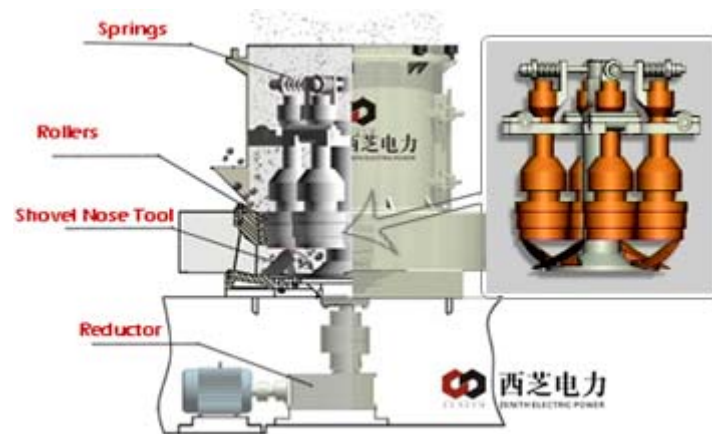


The MTM **Raymond Mill** is a leading-world-level industrial mill. The Mill is designed by our own engineers and technical workers, basing on industrial mill research of many years and adopting world-leading-powder processing technology. Our machine adopts many advantages from numbers of mill all over the world, such as trapeziums working surface, flexible connection, roll linked pressure boost, etc. It has overcome the traditional mills defect completely in application, capacity, fineness, energy consumption, service life, etc. And it is the ideal substitute of the traditional mill, such as Raymond mill, high pressure suspension mill, ball mill, etc. Nowadays, our products have been widely used in metallurgy industry, electric power industrial, chemical, building, steel industry, coal industry, etc. And it has brought large economic benefits to our customers and the society.



## Technical Advantage Of The MTM Raymond Mill:

The ladder-shaped rollers and rings improve crushing efficiency greatly. The rollers and ring are designed in the main machine of an inverted trapezium, which control the material's slip velocity between rollers and rings. They can extend the grinding time, and enhance the crushing effect. The press springs with balancing and pressurized function and the forming resilient connection with steady and vibration reducing function are invented into our machines. The powder classifier adopts high density impeller, which can increase precision of powder and capacity. There is high-efficiency and energy-saving blower installed on our machine. The efficiency of prismatic blade equipped on the traditional machine is only 62%, but the efficiency of the energy saving blower, whose impeller and blade are both stamping, is 85%. There is convenient impeller adjusting device. The clearance between housing and ending of powder classifier's blade also effects fineness. Our mill is convenient to adjust the fineness.

# Working Principle Of The MTM Raymond Mill:

Air is driven into the undersurface of the grinding ring and flows upward, carrying fines to the classifying section. The classifier allowed the pulverized material to pass and the oversized particles are drove back to the grinding chamber for further processing. The whole mill operates under negative pressure conditions, which can maximize the service life of major mechanical components. Thus minimizing mill maintenance and plant housekeeping problems have been solved.

## Technical Data Of MTM Raymond Mill:

Ite	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
Maximum feeding grain size (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

Name	Item	Unit	Specification and technical data		
			MTM100	MTM130	MTM160
Motor of main engine	Model	-	Y225M-4	Y280S-4	Y135M1-4
	Power	kw	45	90	132
	Spindle	r/min	1480	1480	1480

	speed					
Motor of adjustable varying speed motor	Model	-	GZT2-42-4		YCT200-4B	JZT2-52-4
	Power	kw	5.5		7.5	11
	Spindle speed	r/min	125~1250		125~1250	125~1250
Motor of elevator	Model	-	Y1000L-4		Y1000L2-4	Y112M-4
	Power	kw	3		3	4
	Spindle speed	r/min	1420		1420	1420
Motor of centrifugal induced draught fan	Model	-	Y225S-4		Y250M-4	Y112M-4
	Power	kw	37		75	132
	Spindle speed	r/min	1480		1480	1480
Motor of jaw crusher	Model	PE	200x350	250X400	250x400	257x750
	-	-	Y160M-6	Y180L-6	Y180L-6	Y200M-6
	Power	kw	7.5	15	15	22
	Spindle speed	r/min	970		970	970
Magnetic vibration-actuated feeder	Model	-	GZ1F		GZ2F	GZ3F
	Spindle speed	watt	60		150	200

Note: If there is change of the above specification of the mtm raymond mill, it subjects to the newest products' specifications.