

RAYMOND® TURBINE CLASSIFIER FOR ROLLER MILLS

With a 130 years of experience, Raymond is a leader in the design and manufacture of industrial milling and classification equipment.

Upgrade Your Pulverizer's Capabilities Fineness - Product Control - Capacity

The Raymond Turbine Classifier for Roller Mills is mechanically designed to provide years of trouble free operation. Dynamic analysis of high rotational speeds has resulted in our dependable design and construction to withstand the harsh requirements of most operating environments.

Overview

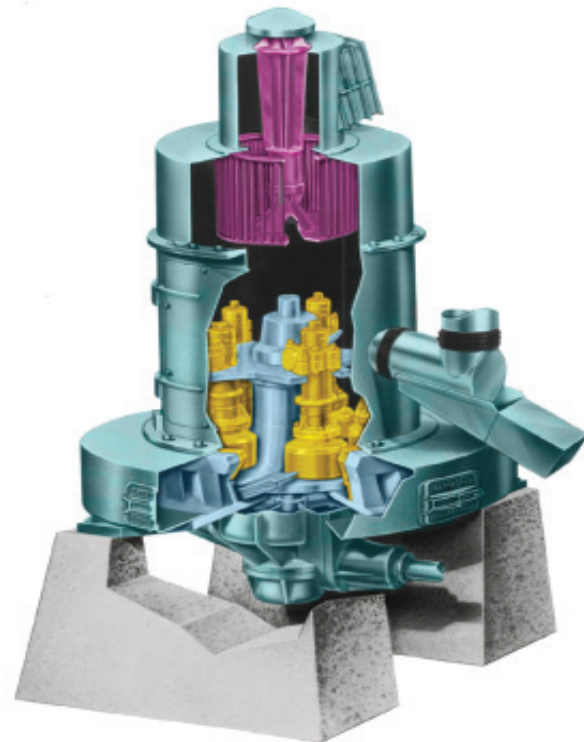
The Raymond Roller mill has long been accepted as the industry standard for simultaneously pulverizing, classifying and drying soft to medium hard (up to Mohs 5) non-metallic minerals and other materials at finenesses to 99+% minus 325 mesh (<1%R44 microns).

Now, with the addition of a Raymond Turbine Classifier to your existing roller mill, you can enhance overall system performance and at the same time maintain the critical balance between pulverizing, classifying and drying.

The Raymond Turbine Classifier provides the flexibility to meet your specific and often changing requirements, can be supplied with a new system or retrofitted to an existing mill.

ADVANTAGES

- Ability to produce a finer product directly from the mill eliminating additional downstream pulverizing and classification equipment.
- Provides accurate and frequently finer top particle size control than static or other dynamic types.
- Allows use of additional air flow to obtain higher capacities while maintaining optimal control of fineness.
- Aides the beneficiation process through concentration of reject material. The mill equipped with throwout devices and a turbine dynamic classifier can obtain rejected material containing a higher percentage of nonconforming material, thus yielding more desirable product passing the classifier.



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Raymond Turbine Classifier Specifications

Roller Mill Model	Nominal Airflow		Maximum Airflow		Classifier Power	
	ft ³ /min	m ³ /hr	ft ³ /min	m ³ /hr	hp	kW
5057	10,000	16,900	12,000	20,300	30	22
5448	12,600	21,400	15,000	25,400	40	30
6058	15,600	26,500	18,500	31,400	50	37
6669	22,500	38,200	27,000	45,800	75	55
73612	31,000	52,600	37,000	62,800	100	75
87714	46,500	79,000	56,000	95,100	150	110

