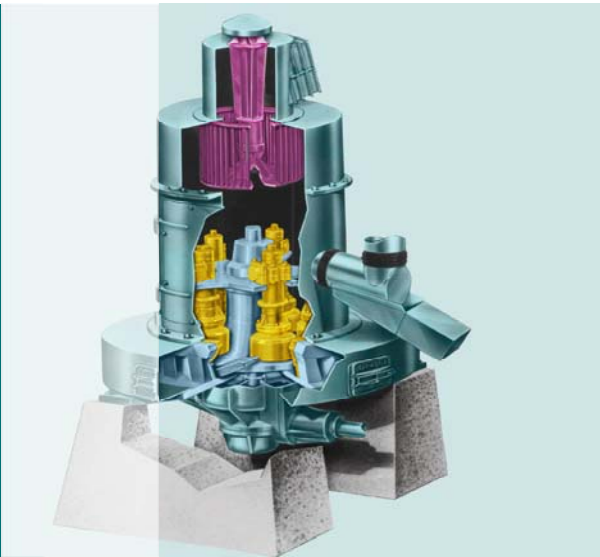


Raymond® Turbine Classifier for Roller Mills

Upgrade your pulverizer's capabilities

- Ability to produce a finer product
- Provides accurate and frequently finer top particle size
- Allows use of additional airflow
- Aids the beneficiation process
- For new systems or existing mills



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 fineness 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.

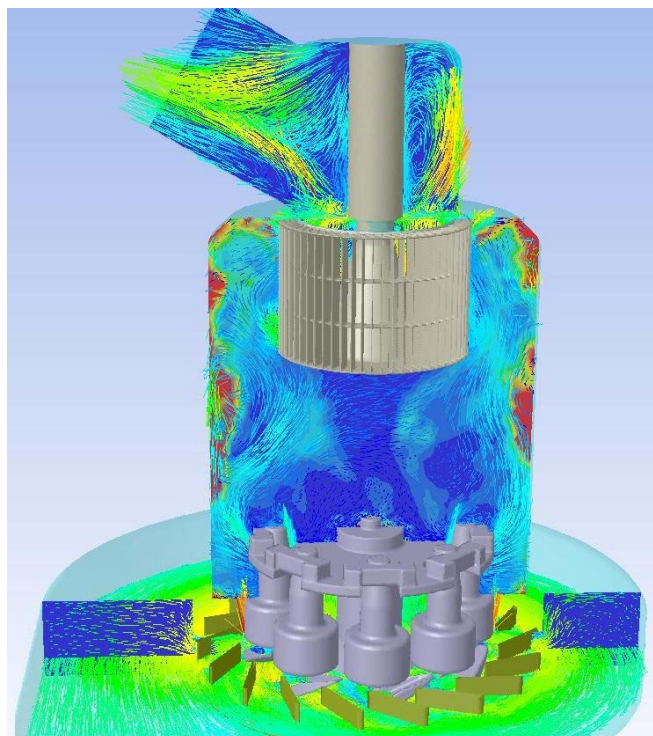
The Raymond® turbine classifier provides the flexibility to meet your specific and often changing requirements, it can be supplied with a new system or retrofitted to an existing mill.

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 airflow to obtain higher capacities while maintaining optimal control of fineness.
- Aides the beneficiation process through concentration of reject material. The mill equipped with throw-out 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

Raymond® Turbine Classifier Specifications

Roller Mill Model	Nominal Airflow		Maximum Airflow		Classifier Power	
5057	10000 ft ³ /min	16900 m ³ /hr	12000 ft ³ /min	20300 m ³ /hr	30 hp	22 kW
5448	12600 ft ³ /min	21400 m ³ /hr	15000 ft ³ /min	2,400 m ³ /hr	40 hp	30 kW
6058	15600 ft ³ /min	26500 m ³ /hr	18500 ft ³ /min	31400 m ³ /hr	50 hp	37 kW
6669	22500 ft ³ /min	38200 m ³ /hr	27000 ft ³ /min	45800 m ³ /hr	75 hp	55 kW
73612	31000 ft ³ /min	52600 m ³ /hr	37000 ft ³ /min	62800 m ³ /hr	100 hp	75 kW
87714	46500 ft ³ /min	79000 m ³ /hr	56000 ft ³ /min	95100 m ³ /hr	150 hp	110 kW



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