# 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
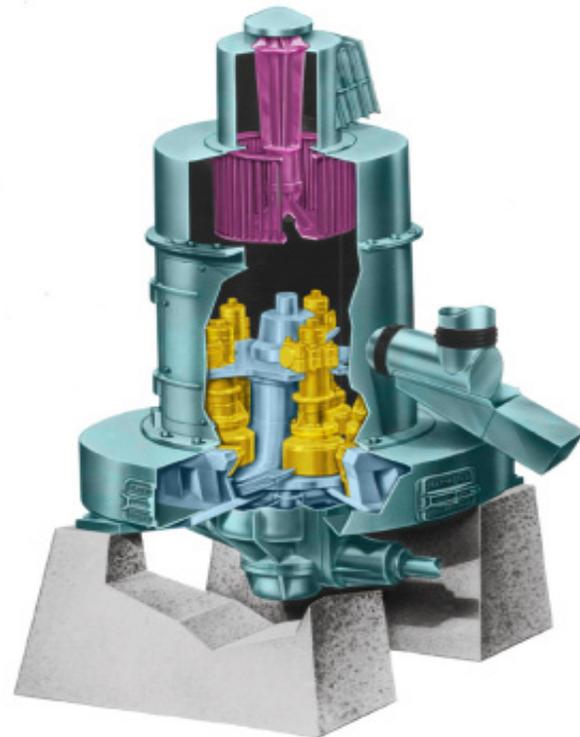## Finess - Product Control - Capacity

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 Classifer 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 benefication 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.



SINCE 1887

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**Raymond Turbine Classifier Specifications**

| Roller Mill Model | Nominal Airflow | | Maximum Airflow | | Classifier Power | |
|---|---|---|---|---|---|---|
| | ft³/min | m³/hr | ft³/min | m³/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 |

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