NOT THE SAME OLD GRIND

ENTOLETER IMPACT MILLS

Diversified Processing Mills

ENTOLETER®

Entoleter offers a series of CentriMil models to serve all of your grinding needs. The CentriMil has made its reputation in the corn wet milling and gypsum grinding markets, but has significant applications for a wide variety of industries.

From the Series 30, with a 15 metric ton / hour capacity, to the Series 60 (the largest centrifugal impact mill in the world), with a 100 metric ton / hour grinding capacity, there is a CentriMil right for your processing requirements.

CentriMils are used successfully in, but are not limited to, the following industries:

- Food processing, including dry corn milling, corn degerming, specialty flour grinding, salt, sugar, spices, and starch densification
- Minerals, including gypsum, limestone, calcium carbonate, and sodium bicarbonate
- Pharmaceutical powders
- Agricultural, including fertilizers
- Chemical, including polyvinyl alcohol and resins
- Plastic, including polystyrene pellets and thermoplastic coatings
- Coatings, including colored pigments, high-solid clay slurries, and paper coatings

SERIES 60

Largest Centrifugal Impact Mill In The World

SERIES 30

The CentriMil also has the ability to break up and eliminate small nodules and agglomerates which may form during the mixing process. This is of particular importance in such industries as pharmaceuticals, plastics, and coatings.

ADVANTAGES of the CentriMil®

- Greater efficiency & lower cost
- Better uniformity & quality
- Ease of cleaning & maintenance
- High capacity & compact size
- No adjustments to make – minimal operator attention
- Minimal foundation requirements
- Nearly all horsepower input is transferred directly to the product

The Grinding Process

Feed material enters through the top of the mill and is distributed onto the spinning rotor. Centrifugal force hurls the material outward at high speed.

Primary size reduction occurs when the material impacts the row(s) of pins.

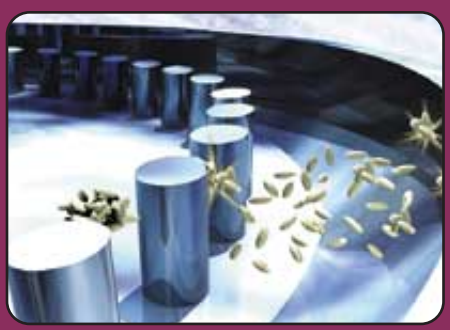
After impacting against the rotor pins, feed material is discharged off the rotor against a stationary liner for further particle size reduction.

The processed material then spirals to the bottom of the conical discharge hopper and into a bin or a conveyer.

The Deagglomeration Process

Agglomerated material enters through the top of the CentriMil and is distributed onto the spinning rotor. Centrifugal force hurls the material outward at high speed.

Intensive deagglomeration, mixing, and blending occur when the material impacts against the row(s) of pins.



After impacting against the rotor pins, material is discharged against the stationary liner for further deagglomerating.

The deagglomerated material then spirals to the bottom of the conical discharge hopper and into a bin or a conveyer.

To Learn More About the Entire Line of Entoleter Industrial Machinery — including Infestation Destroyers, Scourer-Aspirators, Mixers, and Scrubbers — please contact

ENTOLETER®

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