

MUNSON

MACHINERY COMPANY, INC.

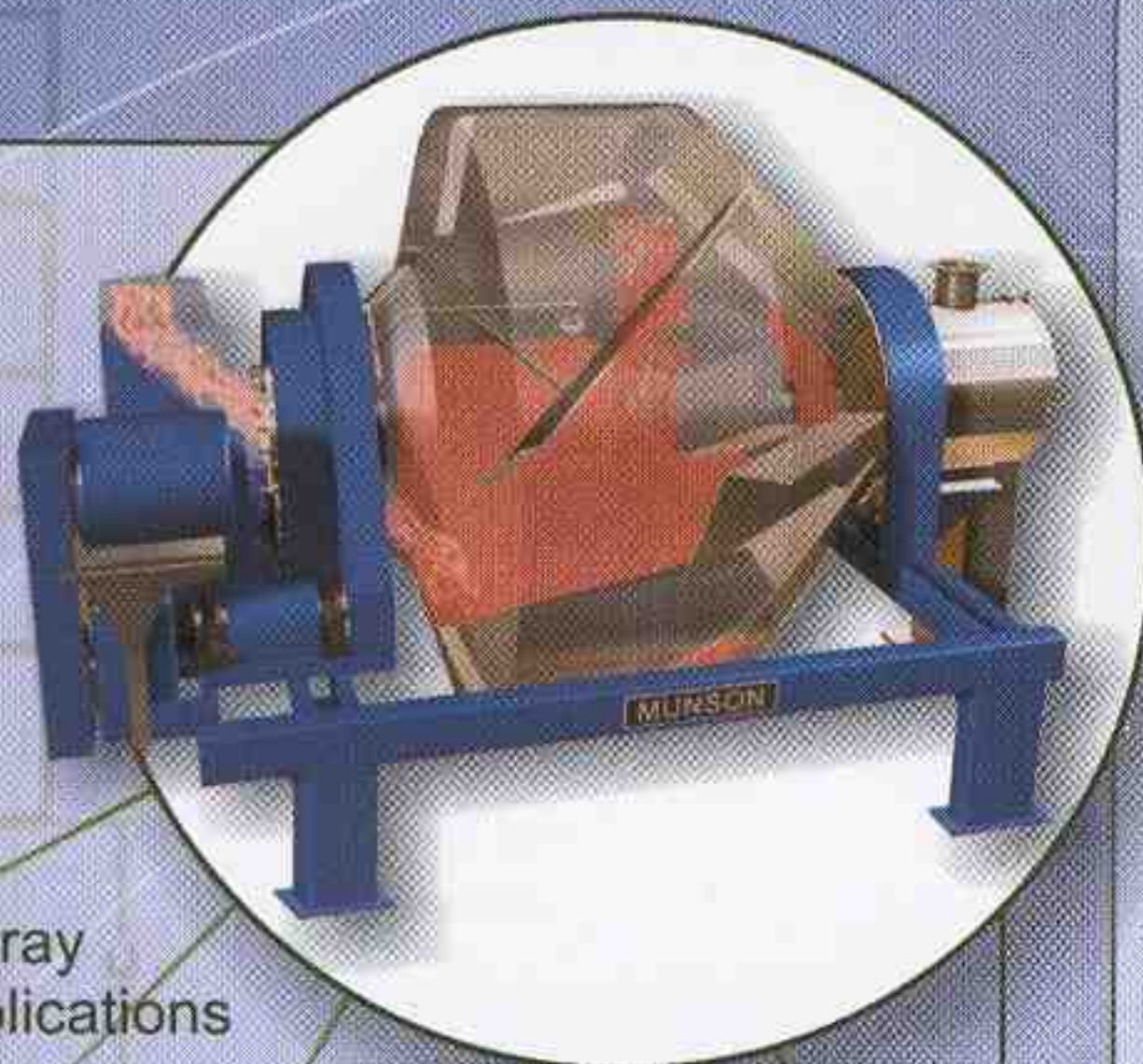
BLENDING & MIXING

Industry
Leader
Since
1823

www.munsonmachinery.com

Rotary Batch Blender

- Gentle 4-way mixing action for powder /bulk material blending
- Rapid batch cycle times with no classification or degradation
- Capacities from 10 to 600 Cubic Feet
- Ideally suited for liquid spray additions and coating applications
- **Proven Applications:**
Chemicals, Food, Refractories, Glass Cullet, Powder Metals, Fertilizers, Nutraceuticals, Pesticides, Bag Concrete, Colored Mortars.



Mina Mixer

- Pilot/Laboratory Version of Rotary Batch Blender
- Gentle 4-Way Mixing Action, Optional Internal Spray Line, Pneumatic Tilting and Intensifier.
- Capacities from .25 to 15 Cubic Feet
- **Proven Applications:**
Chemicals, Pharmaceuticals, Refractories, Powder Metals, Detergents and Pesticides.



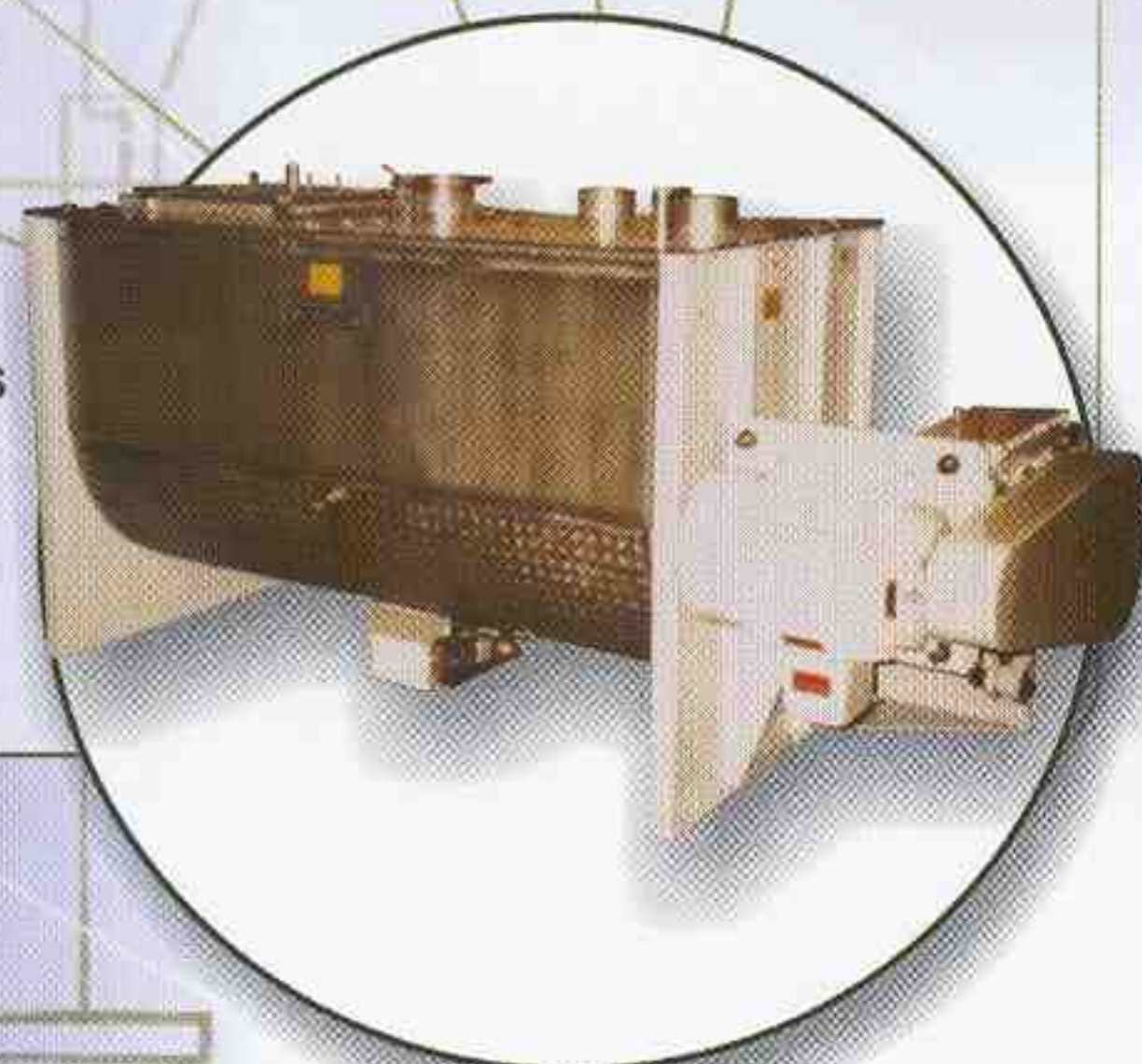
High Intensity Blender

Single agitator style, high or low speed.

- Internal agitator paddles can be adjusted 180° for high impact, pin or pug mill applications & can be gear reduced for inline gentle mixes.
- Spray ports available for large additions of liquids.
- Capacities up to 2800 cubic feet per hour
- **Proven Applications:**
Chemicals, Food, Refractories, Glass Cullet, Powder Metals, Fertilizers, Pesticides, Bag Concrete, Colored Mortars, Mortars, Slurries, Soil Remediation.

Ribbon, Paddle & Plow Blenders

- Ruggedly Built, Single Agitator Blenders
- Capacities ranging from 1 to 1000 Cubic Feet
- Standard design available with easily removable flanged agitator or sanitary designs with removable end panels.
- In Double Helical Ribbon, Plow Share, or Paddle Design
- Optional: Internal Sprayline, Heating and Cooling Jackets, Multiple Cover and Discharge Designs, Special Sizing or Drive Requirements
- **Proven Applications:**
Chemicals
Pharmaceuticals
Cosmetics
Spice & Food Products
Wall Board
Components
Plastics & Pigments



Continuous Blender

- Rotary style continuous blender with removable internal mixing flights.
- Gentle thorough mixing action, no product degradation, with excellent coating capabilities.
- Dust tight seal design, with sanitary construction available.
- Capabilities up to 3000 cubic feet per hour.
- **Proven Applications:**
detergents, carbons, pharmaceuticals, clays, pet products, snack foods, dedusting, fertilizer, & spray coating.



**Rental Equipment Available
Free In-House Laboratory Testing**

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SIZE REDUCTION

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SCC Rotary Cutter

- Screen classifying cutter-rapid throughput, minimum fines, precise sizing.
- Advanced helical rotor design with interconnected parallelogram cutters.
- Tungsten carbide replacement cutter inserts

Typical Applications:

Plastics, chemicals, paper, fiberglass, wood, wax, herbs and spices, and trim stock.

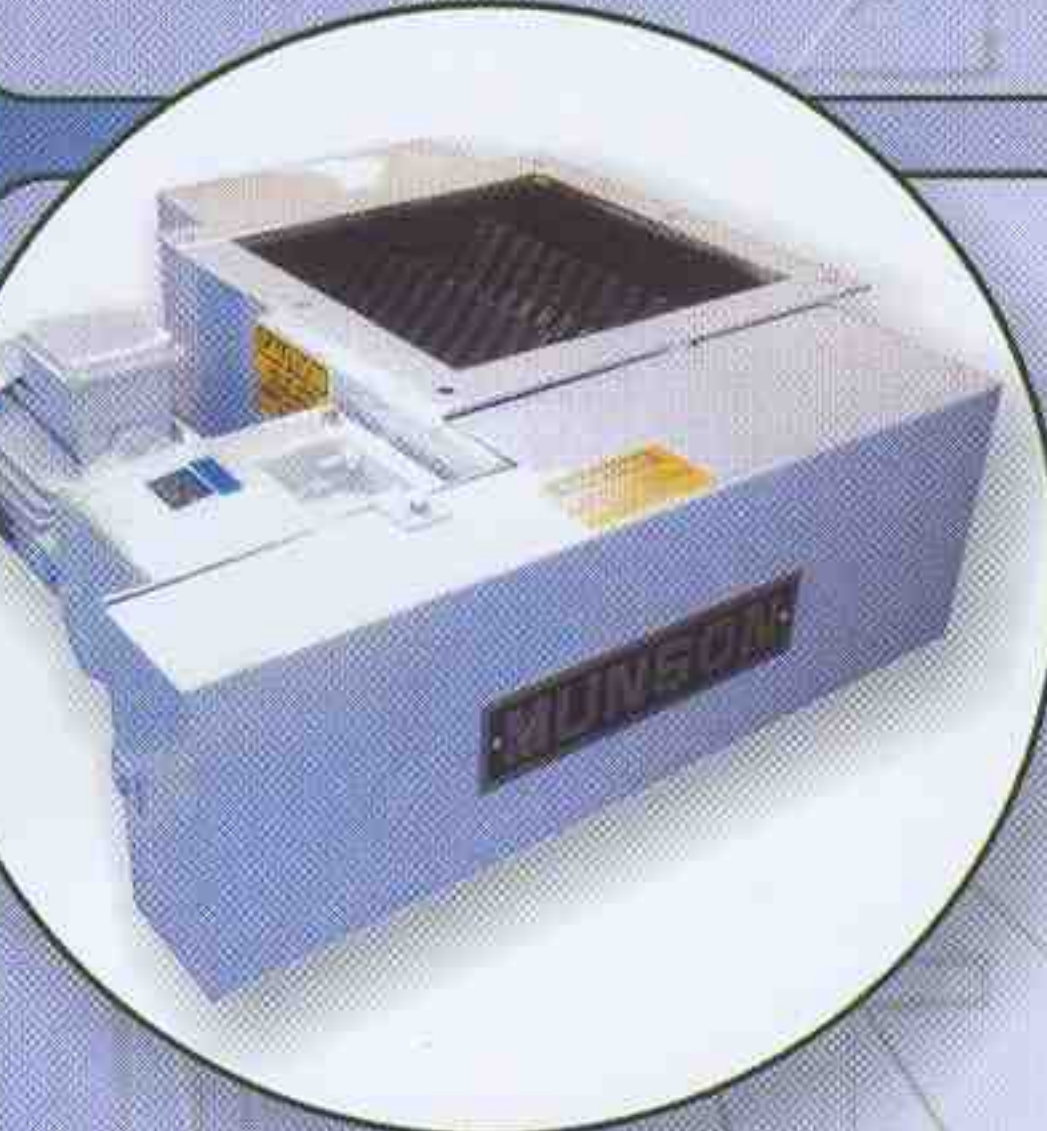


CIM Pulverizer / Pin Mill

- Rotating impactor pin/disc assembly for fine and ultra fine particle reduction, declumping and mixing applications at slower speeds.
- Design efficiency produces high throughput rates per horsepower requirements with minimal heat transfer.
- Available in 15-100 horsepower drives via multiple V-belt and sheave.

Typical Applications:

Chemicals, foods, resins, powdered metals, spices, sugars and grains, clays, vitamins



Rotary De-Clumper

- Reduces oversized and nuisance balls, clumps, agglomerates & compacted materials
- Low profile design easily fits under bag break stations, hopper & silos or use as a stand alone machine with optional hoppers and bases

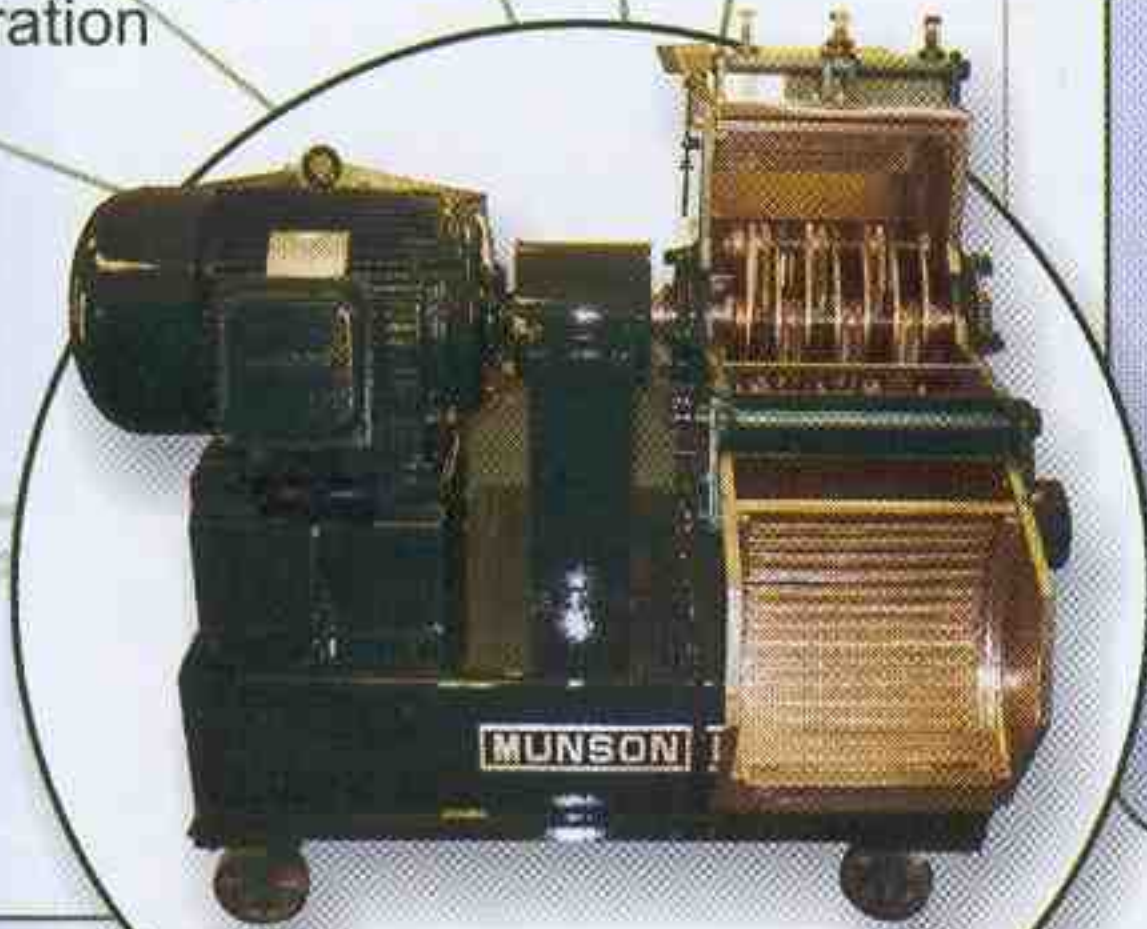
- Classifying screens allow precise particle sizing of materials
- Available with up to 4 rotors depending on Model number
- Standard construction is abrasion resistant steel, available in #304, #316 and sanitary design

Hammer Mill

- Industrial duty hammer mill for course & fine grinding
- Surface speeds up to 24,000 fpm ideal for grinding fibrous & friable materials
- Easily removable screen through hinged door
- Combination of light & heavy duty replaceable hammers ensures efficient milling operation
- Available with up to 100 HP
- 270 degrees of screen area
- High throughput rates with controllable sizing

Typical Applications

recycling, plastics & chemicals, wood products, fertilizers, grain & corn products, Kevlar, marine products etc.

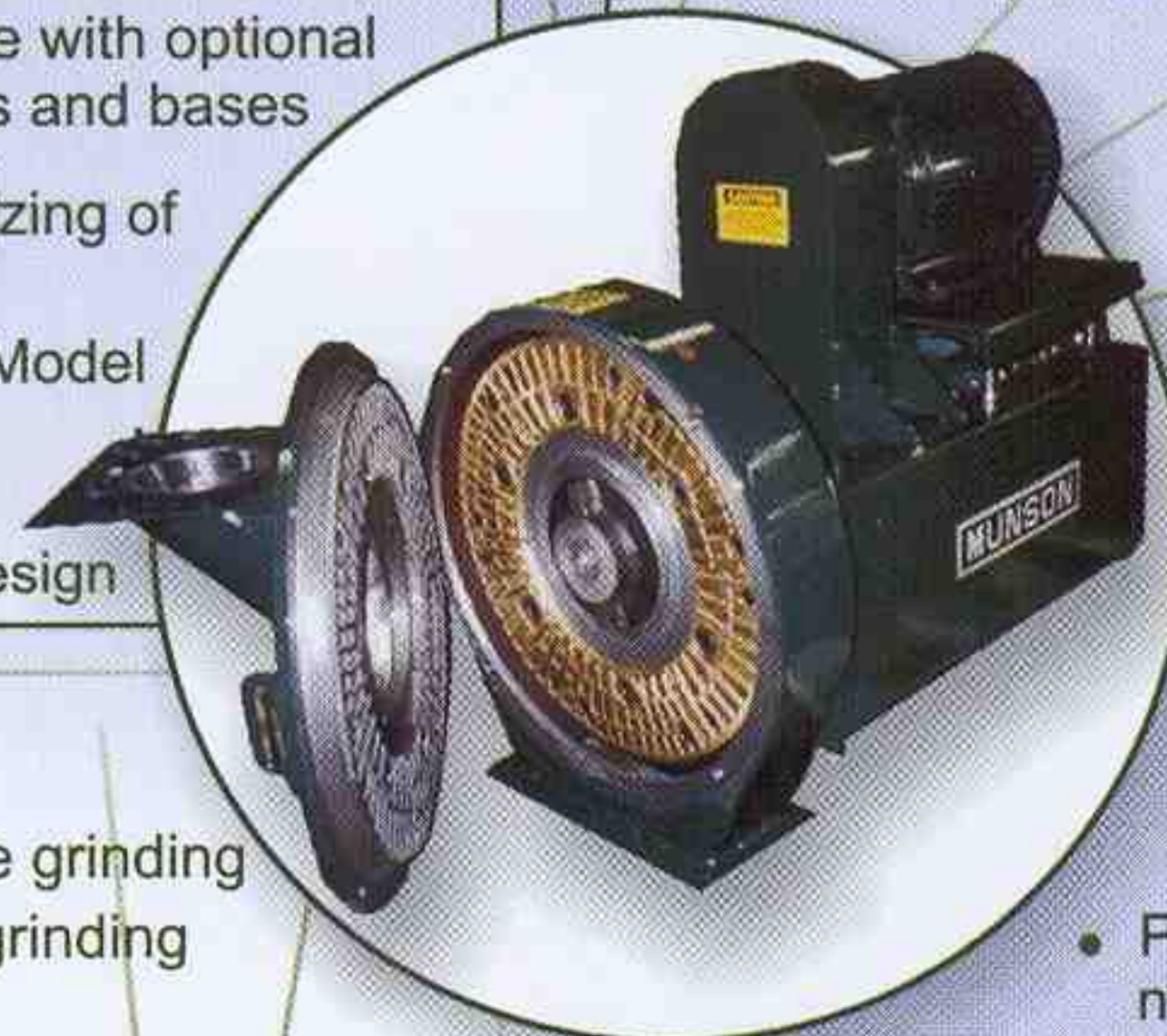


Attrition Mill

- Designed to process both friable and non-friable material
- Rotating single or double disc powered runner mill for precise fine grinding applications
- Shaft mounted grinding plates: adjustable constant spring-pressure assured product uniformity, narrow spectrum particle size to 200 mesh.

Typical Applications:

Wood flour, chemicals, plastics, feather, curling, fertilizer, pharmaceuticals, powder metals, de-germinating, corn grinding



Titan 2000 Shredder

- Shreds plastic & purgings, wood products, glass, aluminum, PET bottles and various industrial, medical & manufacturing waste products.
- Positive self cleaning shearing action assures no product binding or plugging, available with automatic reverse

- Handles the toughest size reduction problem materials with low RPM, high torque and little or no temperature rise.
- Shredder design creates an intensive shearing & cutting action with self feeding hopper design.
- Reduces bulk volume up to 75%.

