Hammer Mills

FEATURES:
• Unique design utilizes 100% of the screen area
• Uniform granular grind
• Electronically balanced, reversible rotors
• Efficient use of power
• 24 hr/day operation
• Easy maintenance
• Stainless steel construction available

Prater mills are widely used throughout the process industries for many different particle reduction applications requiring high capacities, power efficiency and uniform particle size. All six models feature our exclusive Full Screen design, a proven system that ensures use of the entire available screen area, enhancing end product quality and equipment productivity.

Screens are strategically placed where extensive testing has shown the majority of grinding takes place, increasing throughput capacity without increasing power requirements. The design improves access to working parts simplifying screen changes.

The center feed and fully symmetrical rotors distribute the product across the full width of the screen area for even hammer wear, this allows the rotor to be reversed so that both edges of the hammers can be utilized before replacement is required.

Correct clearance between hammers and screens is maintained by mounting all screens in heavy-duty frames. Rotors are wider for varied hammer arrangements, and are all supported between durable pillow block bearings. These proprietary design factors combine to provide a controlled, uniform granular grind with the benefits of easy maintenance.

APPLICATIONS:
• Pellets - Feed
• Sugar
• Minerals
• Cardboard
• Chemicals
• Spices
• Various Powders

INDUSTRIES:
• Food
• Chemical
• Mineral
• Pulp & Paper
• Flavors
• Agriculture

AVAILABLE SIZES & CAPACITIES

<table>
<thead>
<tr>
<th>Model</th>
<th>Screen Area Sq inches</th>
<th>Avg. hp</th>
<th>RPM</th>
</tr>
</thead>
<tbody>
<tr>
<td>G5</td>
<td>440</td>
<td>5 - 15</td>
<td>1800 1800</td>
</tr>
<tr>
<td>G6</td>
<td>540</td>
<td>15 - 30</td>
<td>1800 3600</td>
</tr>
<tr>
<td>G7</td>
<td>790</td>
<td>40 - 60</td>
<td>1800 3600</td>
</tr>
<tr>
<td>G8</td>
<td>860</td>
<td>75 - 125</td>
<td>1800 3600</td>
</tr>
<tr>
<td>G25</td>
<td>2700</td>
<td>125 - 300</td>
<td>1200 1800</td>
</tr>
</tbody>
</table>
Partial List of Materials Processed by Prater Hammer Mills

Alfalfa
Aluminum Foil
Apples
Barley
Beans
Bread Crumbs
Buttermilk
Cake Mix
Candy
Carbon
Cardboard Scrap
Casein
Cellulose
Ceramic
Cereals
Chalk
Charcoal
Cheese
Chemicals, Misc.
Chicle
Chili Peppers
Chocolate Malt
Clays
Coal
Coca Cake

Coffee Chaff
Cork
Corn
Diatomaceous Earth
Egg Noodles
Feed
Fertilizer
Gelatin
Glass
Grains
Graphite
Gum Arabic
Gypsum
Horseradish
Hulls
Macaroni
Manure
Minerals, Misc.
Mustard
Nut Shells

Oats (whole, hulls, groats)
Oyster Shells
Paper
Peanuts
Peat Moss
Plastic Foam
Pumpernickel
Resin, various
Riboflavin
Rice
Rubber
Salt
Sawdust

Seed Screenings, Misc.
Shellac
Shrimp
Soap, misc.
forms
Soda Ash
Soup Flakes
Spices
Steel Wool
Titanium

Tobacco
Tomato Pomace
Water Softener
Wheat (whole, gluten, germ)
Wood
Yeast