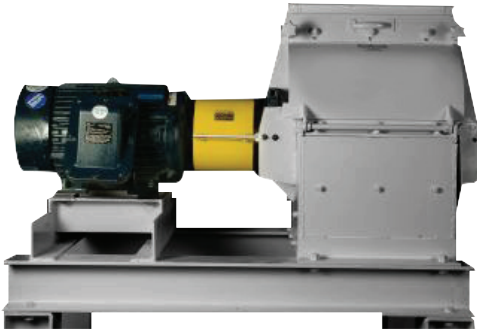




Hammer Mills



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 five 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.

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
- High access

APPLICATIONS

- Pellets - Feed
- Sugar
- Minerals
- Cardboard
- Chemicals
- Spices
- Various Powders

INDUSTRIES

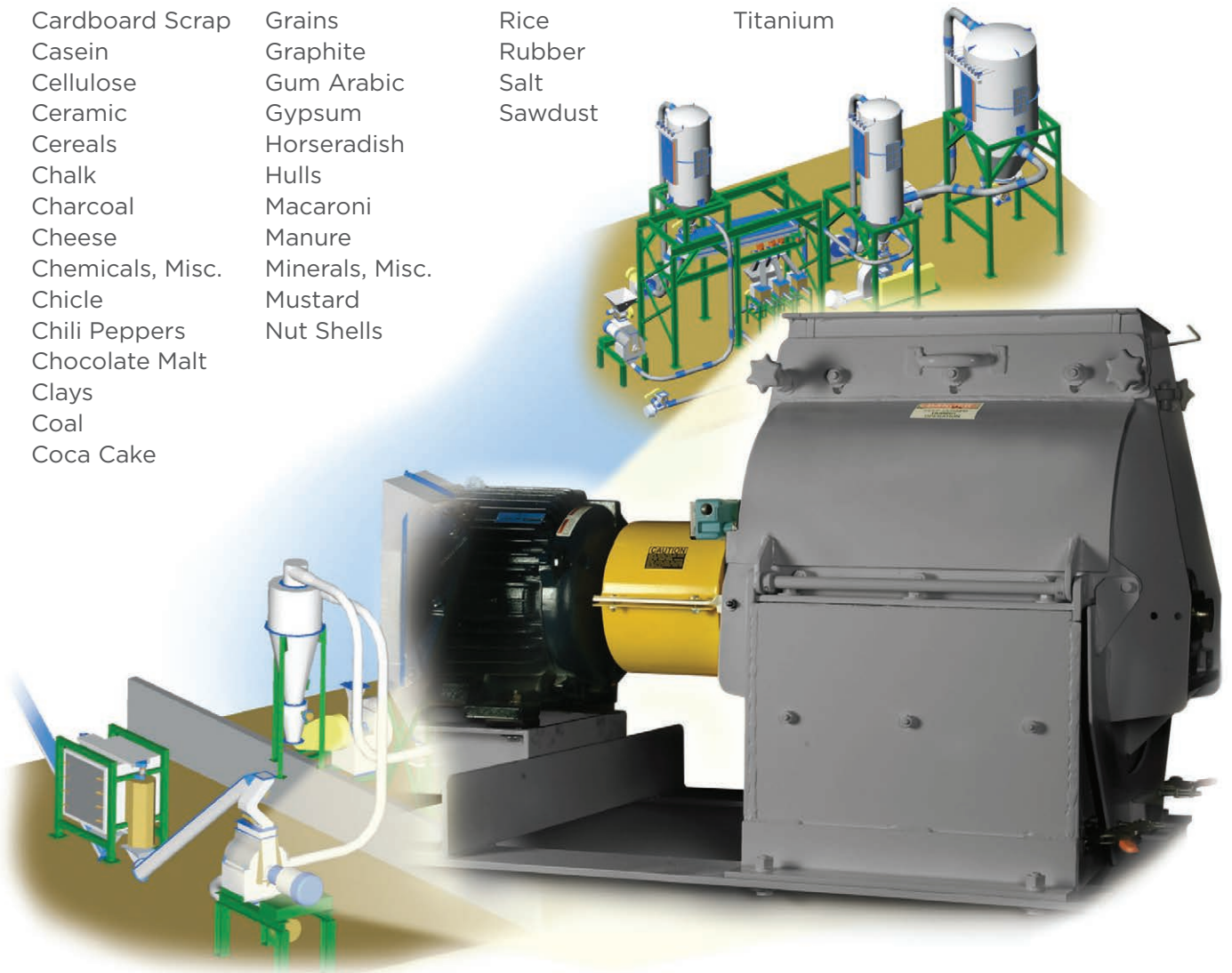
- Food
- Chemical
- Mineral
- Pulp & Paper
- Flavors
- Agriculture

AVAILABLE SIZES & CAPACITIES

MODEL	SCREEN AREA		RPM
	sq. in.	Avg. HP	
G5	440	5-15	1800 3600
G6	540	15-30	1800 3600
G7	790	40-60	1800 3600
G8	860	75-125	1800 3600
G25	2700	125-300	1200 1800

Partial List of Materials Processed by Prater Hammer Mills

Alfalfa	Coffee Chaff	Oats (whole, hulls, groats)	Seed Screenings, Misc.	Tobacco
Aluminum Foil	Cork	Oyster Shells	Shellac	Tomato Pomace
Apples	Corn	Paper	Shrimp	Water Softener
Barley	Diatomaceous Earth	Peanuts	Soap, misc. forms	Wheat (whole, gluten, germ)
Beans	Egg Noodles	Peat Moss	Soda Ash	Wood
Bread Crumbs	Feed	Plastic Foam	Soup Flakes	Yeast
Buttermilk	Fertilizer	Pumpnickel	Spices	
Cake Mix	Gelatin	Resin, various	Steel Wool	
Candy	Glass	Riboflavin	Titanium	
Carbon	Grains	Rice		
Cardboard Scrap	Graphite	Rubber		
Casein	Gum Arabic	Salt		
Cellulose	Gypsum	Sawdust		
Ceramic	Horseradish			
Cereals	Hulls			
Chalk	Macaroni			
Charcoal	Manure			
Cheese	Minerals, Misc.			
Chemicals, Misc.	Mustard			
Chicle	Nut Shells			
Chili Peppers				
Chocolate Malt				
Clays				
Coal				
Coca Cake				



PRATER[®]
AIRLOCKS • MILLS • SEPARATORS

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