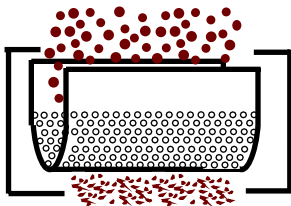


POWER GRATER

... The best
begins with S. Howes!

**Reduce Very-Soft to Medium-Hard Products
Without Producing Excessive Fines**



Sample Applications:

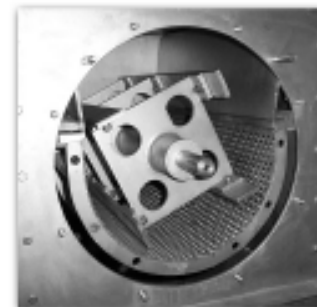
- Filter Cake
- Chocolate
- Peat Soil
- Cereal
- Bread
- Biscuits
- Resin
- Animal Feed
- Peanuts
- Cheese
- Plastic
- Salt

Other Size Reduction Equipment:

- Knife Cutter
- Power Grater
- Lumpbreaker



**High Quality and
Heavy-Duty Construction**



grating action can provide
up to 8,000 lbs per hour



aperture screens allow for
accurate sizing of material

- ◆ Compact design - wide screen selections
- ◆ Low maintenance and power requirements
- ◆ Stainless or mild steel construction
- ◆ Quick screen change
- ◆ Low RPMs, minimal noise

Free Testing!

Call for rental options

*Parts & Service
Readily Available*

Photos and drawings are not intended to show or suggest use or non-use of any operator protection systems

S. HOWES
Established 1856

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Toll Free: (888) 255-2611
Fax: (716) 934-2081
sales@showes.com

S. Howes, Inc.
25 Howard St.
Silver Creek, NY 14136
www.showes.com

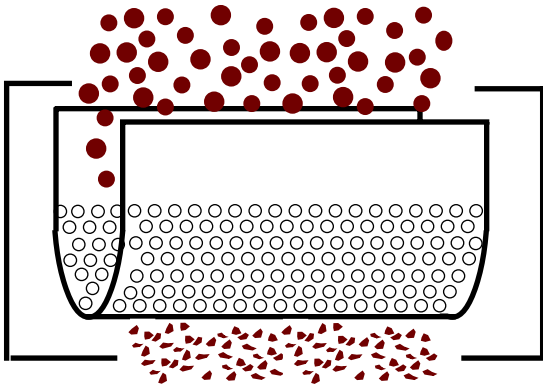
Member



PROCESS EQUIPMENT
MANUFACTURERS' ASSOCIATION

Bulletin 1502

**FLOW DIAGRAM ILLUSTRATING
S. HOWES POWER GRATER**



FEATURES:

- ◆ **Multiple Uses:** Delumping, Partial Sizing, Crushing, Shredding and De-Agglomeration
- ◆ **Efficient:** Low horsepower requirements
- ◆ **Heavy Duty:** Rugged construction, few moving parts and dependable long-life components provide extremely low maintenance - high reliability
- ◆ **Sanitary Construction:** The screen cage is totally removable without tools for fast screen change and cleaning. Optional clean out doors and view windows allow access to the rotor assembly and all interior casing areas
- ◆ **Materials of Construction:** Mild steel and stainless steel - 304 and 316 stainless - are available. A resin lined mild steel casting with stainless steel working parts is also available
- ◆ **Drive Options:** Single and variable speed drives are available including mechanical, electrical (AC or DC controllers), and hydraulic. Additionally, TEFC, explosion proof or hostile environment motors are available
- ◆ **Job-Engineered:** The S. Howes engineering staff will custom design any special stands, transition pieces, etc. to meet your specific needs

Method of Operation: The Power Grater consists of a dust tight casing containing a paddle assembly that gently rubs the product to be reduced against a screen for clean, efficient reduction. Low paddle speeds of approximately 88 RPM's for single speed models mean less fines.

Capacity & Testing: Power Grater throughput capacities vary depending on product density and characteristics. Send your product to our testing facility in Silver Creek, NY where you can observe testing or we can simply send results back.

POWER GRATER SPECIFICATIONS

MODELS	INLET OPENING	DISCHARGE OPENING	STD. HP	CAPACITY lb./hr	SCREEN AREA (sq. ft.)	APPROX. WEIGHT (lbs.)
PG14	14" X 16"	14" X 19½"	3.0	4,000	2	200
PG20	20" X 16"	20" X 19½"	5.0	6,000	3	250
PG26	26" X 16"	26" X 19½"	7.5	8,000	4	300

- Notes: (1) Capacities are based upon an average of common products. Actual capacities are dependent on the nature of the product, the screen type, and the opening
 (2) Machine weight does not include drive
 (3) Specifications are subject to change without notice



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