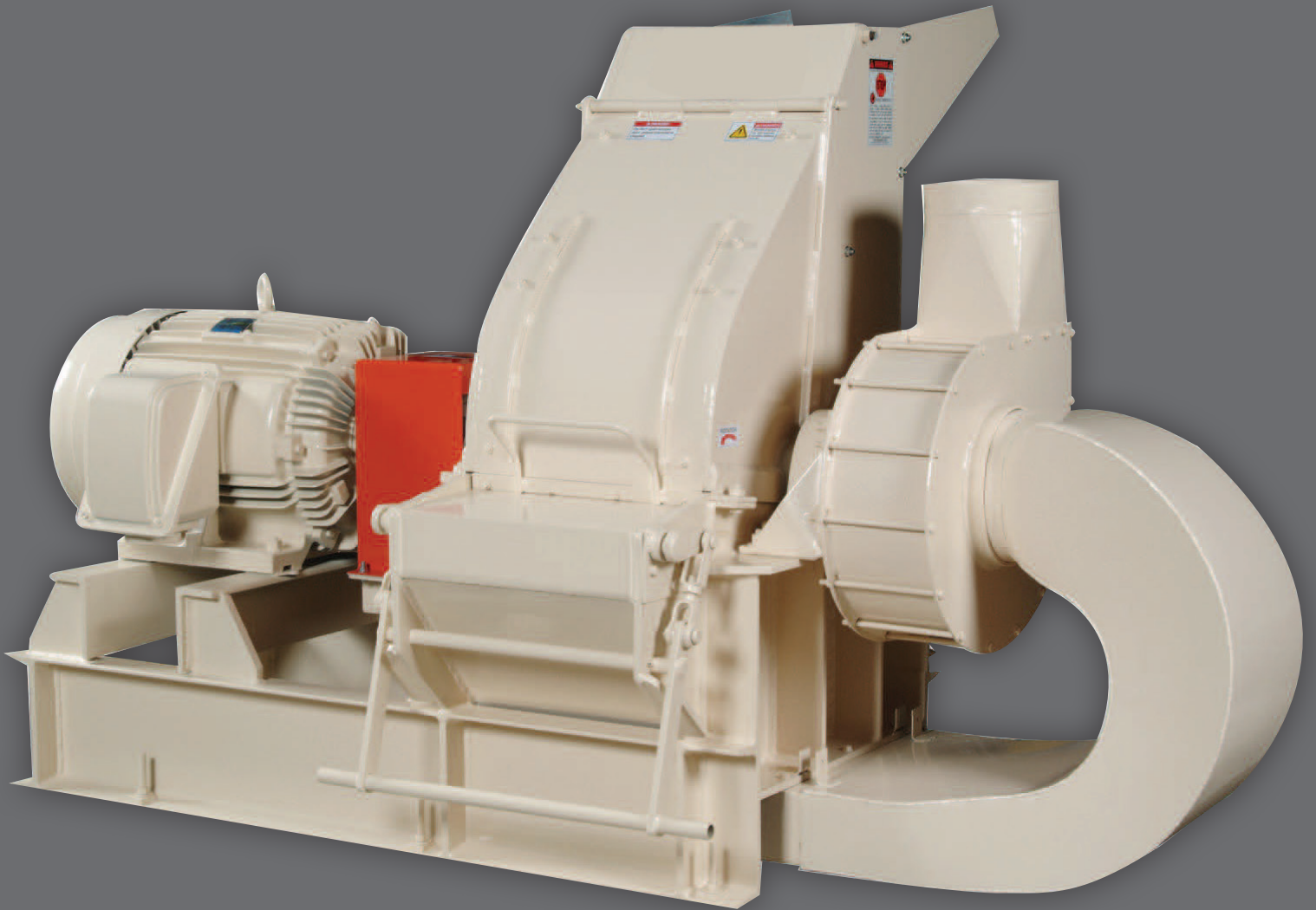


# 13 SERIES

## INDUSTRIAL GRINDING HAMMER MILL



Mid-range production for a variety of materials



[www.hammermills.com](http://www.hammermills.com) | [info@hammermills.com](mailto:info@hammermills.com) | 1-800-447-4634

## Mid-Range Grinder with Integral Fan

Ideal for mid-range production operations, the 13 Series is an industrial hammer mill able to process a variety of materials to the exact desired particle size required, and convey the finished product to storage. Special mill components reduce material more

efficiently, allowing a larger screen to produce the same particle size as competitor's models using a much smaller size screen opening. This ability to use a larger screen translates to lower horsepower required per ton produced.

Available in six standard sizes (13" to 48" wide), with the 13" to 36" models featuring a built-in fan for conveying finished product to storage. This compact design saves floor space and expense, eliminating the need for a separately driven fan, ducting, motors and controls.



Mill front hinges open for easy screen change, maintenance, and rotor inspection.



Plate magnet captures all metals before entering the grinding chamber.

### Applications

- Asphalt shingles
- Cellulosic insulation
- Cardboard
- Corn
- Fiberglass insulation
- Paper
- Wood

### End Products/Uses

- Agricultural products
- Animal feed
- Biodiesel
- Boiler fuel
- Cellulosic ethanol
- Data destruction
- De-agglomeration

### Key Features:

- 24" rotor diameters operated at 3,600 RPM to produce high hammer tip speed.
- Available screen discharge areas from 475 to 1,824 square inches.
- Available with a variety of perforated screen sizes from .020" to 3".
- Variety of fan sizes to maximize mill's throughput.
- Heavy plate construction with internal ribbed liner plates.
- Four-way reversible hammers available in several styles.

## Technical Specifications

Model	1320	1340	1360	1380	1390	13100
Housing	½" (12 mm)	½" (12 mm)	½" (12 mm)	½" (12 mm)	¾" (20 mm)	1" (25 mm)
Shaft Diameter	2 ¾" (70 mm)	3 ¼" (80 mm)	3 ¼" (80 mm)	3 ¼" (80 mm)	5" (127 mm)	6 ⅜" (162 mm)
Rotor Width	12 ½" (320 mm)	17 ½" (445 mm)	20" (510 mm)	24" (610 mm)	36" (914 mm)	48" (1219 mm)
Rotor Diameter	24" (610 mm)	24" (610 mm)	24" (610 mm)	24" (610 mm)	24" (610 mm)	24" (610 mm)
Bearings	2 7/16" (62 mm)	2 15/16" (75 mm)	2 15/16" (75 mm)	2 15/16" (75 mm)	3 7/16" (87 mm)	3 7/16" (87 mm)
Integral Fan System	16" (406 mm) 2800 CFM	16" (406 mm) 3200 CFM	18" (460 mm) 4000 CFM	20" (510 mm) 5000 CFM	C/F	C/F
Screen Area	475 sq in (3065 sq cm)	665 sq in (4290 sq cm)	760 sq in (4903 sq cm)	912 sq in (5884 sq cm)	1368 sq in (8826 sq cm)	1824 sq in (11770 sq cm)
Shaft Speed	3,600 rpm	3,600 rpm	3,600 rpm	3,600 rpm	3,600 rpm	3,600 rpm
Tip Speed	22,600	22,600	22,600	22,600	22,600	22,600

## Backed by the Schutte Hammermill Reputation

With thousands of installations around the world, and nearly a century's worth of experience, Schutte Hammermill has a solution for your size reduction challenge. We offer over 200 sizes and styles of mills, and can provide the perfect size machine for each customer's specific processing rate requirements. Call us today to find out more about how we can help improve your process. Call 800/447-4634 or visit [www.hammermills.com](http://www.hammermills.com) for more information on the full line of size reduction equipment made by Schutte Hammermill



**APPLICATION ENGINEERED PROCESSING EQUIPMENT**



61 Depot Street | Buffalo, NY 14206