



13 Series Industrial 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.

Applications:

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

End Products/Uses:

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

13 Series Technical Specifications

Model	Housing	Shaft Diameter	Rotor Width	Rotor Diameter	Bearings	Integral Fan System	Screen Area	Shaft Speed	Tip Speed
1320	1/2" (12mm)	2 3/4" (70mm)	12 1/2" (320mm)	24" (610mm)	2 7/16" (60mm)	16" (400mm) 2800 CFM	475 sq inches (3064 sq cm)	3600 rpm	22,600
1340	1/2" (12mm)	3 1/4" (80mm)	17 1/2" (440mm)	24" (610mm)	2 15/16" (75mm)	16" (400mm) 3200 CFM	665 sq inches (4290 sq cm)	3600 rpm	22,600
1360	1/2" (12mm)	3 1/4" (80mm)	20" (510mm)	24" (610mm)	2 15/16" (75mm)	18" (460mm) 4000 CFM	760 sq inches (4903 sq cm)	3600 rpm	22,600
1380	1/2" (12mm)	3 1/4" (80mm)	24" (610mm)	24" (610mm)	2 15/16" (75mm)	20" (510mm) 5000 CFM	912 sq inches (5880 sq cm)	3600 rpm	22,600
1390	3/4" (20mm)	5" (130mm)	36" (910mm)	24" (610mm)	3 7/16" (90mm)	C/F	1368 sq inches (8825 sq cm)	3600 rpm	22,600
13100	1" (25mm)	6 3/8" (160mm)	48" (1220mm)	24" (610mm)	3 7/16" (90mm)	C/F	1824 sq inches (11770 sq cm)	3600 rpm	22,600



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



Plate magnet captures all metals before entering the grinding chamber.

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.

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