



## 13 Series Finish Grinding Wood Hammer Mill

Ideal for mid-range production operations, the 13 Series Finish Grinding Wood hammer mill is able to process virtually any biomass feedstock to the exact finished size required. Special mill components reduce material more efficiently, allowing a larger screen to produce the same particle size as competitor 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), each featuring a built in fan for conveying the finished product to storage. The compact design, featuring an integral fan unit, saves floor space and expense, eliminating the need for a separately driven fan, ducting, motors and controls.

### Applications:

- Planer shavings
- Dry wood chips
- Green wood chips
- Pre-hogged wood scrap
- Sawdust
- Bark
- Torrefied biomass

### End Products:

- Briquette production
- Pellet production
- Boiler fuel
- Biodiesel
- Animal bedding

# 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)	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)	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)	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)	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



## 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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