



The experts in wood grinding.

Schutte **Buffalo**
HAMMERMILL

America's fastest growing hammermill company

Quality, since 1928.

More than 80 years of expertise. Designed, custom engineered and manufactured for customers around the globe. We've been the trusted leader for size reduction machinery for wood processing since 1928.

No other manufacturer has sold more fine grinding hammer mills. At work, with more than 6,500 installations worldwide. It's durability through quality and more productivity through efficiency. The perfect blend of time-proven technology with cutting-edge innovation for today's rapidly-changing applications.

Schutte-*Buffalo* Hammermill.

“ Our **Schutte-Buffalo grinder addition** solved our quality control problem. Our production rate has **increased by a factor of four**, so there are no longer any bottlenecks. ”

Ferdy Lehmen, Owner
Mid America Truss

Highly refined.

All of our equipment features components custom configured to suit you, your material and your production goals. From single units to complete turnkey systems — along with free material testing and a complete line of replacement parts.

- Medium to Fine Grinding Hammer Mills
- Full Circle Screen Hammer Mills
- Pallet & Pallet Scrap Grinders
- Heavy-Duty Bark Grinders
- Trim Scrap Grinders





The means to **your end product.**

We do it all. Ready, set, grind . . .

Applications:

- Green Wood Chips
- Dry Wood Chips
- Hogged Wood Scrap
- Planer Shavings
- Torrefied Wood
- Particle Board
- MDF
- Bark
- Sawdust
- Pallets & Pallet Scrap
- Rippings, Edgings & Trim Block
- Furniture Scrap

End Products:

- Boiler Fuel
- Pellets & Briquettes
- Biodiesel
- Animal Bedding
- Landscape Mulch
- Playground Cover
- Composite Lumber
- Wood Flour

“ The **plant operation** is not profitable without using wood as an ingredient. Our **Schutte-Buffalo grinder** addition **solved our quality control problem** and we now have **better** material than we were ever able to buy before. ”

Greg Camp, Plant Manager
Boral Bricks



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



Hogged Wood Scrap



Planer Shavings



Green Wood Chips

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.



Process **more.** Here's how

SchutteBuffalo
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