The experts in wood grinding.
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.
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

“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
Applications:
- Green Wood Chips
- Dry Wood Chips
- Hogged Wood Scrap
- Planer Shavings
- Torrefied Wood
- Particle Board
- MDF
- Bark

End Products:
- Sawdust
- Pallets & Pallet Scrap
- Rippings, Edgings & Trim Block
- Furniture Scrap
- Boiler Fuel
- Pellets & Briquettes
- Biodiesel
- Animal Bedding
- Landscape Mulch
- Playground Cover
- Composite Lumber
- Wood Flour

The means to your end product.

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

"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
The compact and efficient Dual Stage Ultra Fine Grinding Wood Hammer Mills are available in two configurations, both designed to produce the finest finish grind from a variety of in-feed materials.

The **FG Series** features two 13 Series Finish Grinding Wood Hammer Mills stacked one above the other. Ideal for processing hogged wood scrap, planer shavings, sawdust and dry wood chips, the FG Series can produce a finished product of fine sawdust to ultra fine wood flour in material that has a moisture content of less than 15%.

The **FGZ Series** is designed to handle bulkier in-feed material while still producing a fine sawdust end product. The mill features an HZF Series Horizontal Trim Scrap Grinder stacked above a 13 Series Finish Grinding Wood Hammer Mill. This design allows for coarse wood scrap, rippings, edgings or trim block to be ground to a fine finished particle size in just one pass.

Both the FG and FGZ Series feature integral fan units mounted off of the main shaft of the lower mill which allows for optimal throughput, and conveys the finished product to storage. These fans produce a throughput rate of 300-400% over that of gravity discharge hammer mills.

**Applications: FG**
- Hogged wood scrap
- Planer shavings
- Dry wood chips
- Sawdust
- Light bark

**Applications: FGZ**
- Coarse wood scrap
- Rippings, edgings and trim block
- Lumber and demolition debris

**Key Features:**
- Space saving stacked design.
- Dual rotor assemblies designed specifically for each application.
- Internal replaceable ribbed liner plates in both mill halves.
- Many hammer styles and screen sizes to choose from.
## FG Series Hammer Mill
### Technical Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Housing</th>
<th>Shaft Diameter</th>
<th>Rotor Width</th>
<th>Rotor Diameter</th>
<th>Bearings</th>
<th>Integral Fan System</th>
<th>Screen Area</th>
<th>Shaft Speed</th>
<th>Tip Speed</th>
</tr>
</thead>
<tbody>
<tr>
<td>220-60</td>
<td>Upper Unit</td>
<td>1/2&quot; (12mm)</td>
<td>2 3/4&quot; (70mm)</td>
<td>24&quot; (610mm)</td>
<td>N/A</td>
<td>475 sq inches (3064 sq cm)</td>
<td>4000 CFM</td>
<td>3600 RPM</td>
<td>22600</td>
</tr>
<tr>
<td></td>
<td>Lower Unit</td>
<td>1/2&quot; (12mm)</td>
<td>3 1/4&quot; (80mm)</td>
<td>24&quot; (610mm)</td>
<td>2 15/16&quot; (70mm)</td>
<td>740 sq inches (4903 sq cm)</td>
<td>4000 CFM</td>
<td>3600 RPM</td>
<td>22600</td>
</tr>
<tr>
<td>240-80</td>
<td>Upper Unit</td>
<td>1/2&quot; (12mm)</td>
<td>3 1/4&quot; (80mm)</td>
<td>24&quot; (610mm)</td>
<td>N/A</td>
<td>665 sq inches (4290 sq cm)</td>
<td>5000 CFM</td>
<td>3600 RPM</td>
<td>22600</td>
</tr>
<tr>
<td></td>
<td>Lower Unit</td>
<td>1/2&quot; (12mm)</td>
<td>3 1/4&quot; (80mm)</td>
<td>24&quot; (610mm)</td>
<td>2 15/16&quot; (70mm)</td>
<td>912 sq inches (5880 sq cm)</td>
<td>5000 CFM</td>
<td>3600 RPM</td>
<td>22600</td>
</tr>
<tr>
<td>260-90</td>
<td>Upper Unit</td>
<td>1/2&quot; (12mm)</td>
<td>3 1/4&quot; (80mm)</td>
<td>24&quot; (610mm)</td>
<td>N/A</td>
<td>760 sq inches (4903 sq cm)</td>
<td>C/F</td>
<td>3600 RPM</td>
<td>22600</td>
</tr>
<tr>
<td></td>
<td>Lower Unit</td>
<td>3/4&quot; (20mm)</td>
<td>5&quot; (130mm)</td>
<td>24&quot; (610mm)</td>
<td>3 7/16&quot; (90mm)</td>
<td>1368 sq inches (8825 sq cm)</td>
<td>C/F</td>
<td>3600 RPM</td>
<td>22600</td>
</tr>
<tr>
<td>290-100</td>
<td>Upper Unit</td>
<td>3/4&quot; (20mm)</td>
<td>5&quot; (130mm)</td>
<td>24&quot; (610mm)</td>
<td>N/A</td>
<td>1368 sq inches (8825 sq cm)</td>
<td>C/F</td>
<td>3600 RPM</td>
<td>22600</td>
</tr>
<tr>
<td></td>
<td>Lower Unit</td>
<td>1&quot; (25mm)</td>
<td>6 3/8&quot; (160mm)</td>
<td>24&quot; (610mm)</td>
<td>3 7/16&quot; (90mm)</td>
<td>1824 sq inches (11780 sq cm)</td>
<td>C/F</td>
<td>3600 RPM</td>
<td>22600</td>
</tr>
</tbody>
</table>

Customized matching of other sized mills also available to best suit individual applications.

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## FGZ Series Hammer Mill
### Technical Specifications

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<tr>
<th>Model</th>
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<th>Shaft Speed</th>
<th>Tip Speed</th>
</tr>
</thead>
<tbody>
<tr>
<td>240Z-80</td>
<td>Upper Unit</td>
<td>3/4&quot; (20mm)</td>
<td>3 1/4&quot; (80mm)</td>
<td>24&quot; (610mm)</td>
<td>N/A</td>
<td>442 sq inches (2850 sq cm)</td>
<td>5000 CFM</td>
<td>3600 RPM</td>
<td>22600</td>
</tr>
<tr>
<td></td>
<td>Lower Unit</td>
<td>1/2&quot; (12mm)</td>
<td>3 1/4&quot; (80mm)</td>
<td>24&quot; (610mm)</td>
<td>2 15/16&quot; (70mm)</td>
<td>912 sq inches (5880 sq cm)</td>
<td>5000 CFM</td>
<td>3600 RPM</td>
<td>22600</td>
</tr>
<tr>
<td>280Z-90</td>
<td>Upper Unit</td>
<td>3/4&quot; (20mm)</td>
<td>3 1/4&quot; (80mm)</td>
<td>24&quot; (610mm)</td>
<td>N/A</td>
<td>624 sq inches (4140 sq cm)</td>
<td>C/F</td>
<td>3600 RPM</td>
<td>22600</td>
</tr>
<tr>
<td></td>
<td>Lower Unit</td>
<td>3/4&quot; (20mm)</td>
<td>5&quot; (130mm)</td>
<td>24&quot; (610mm)</td>
<td>3 7/16&quot; (90mm)</td>
<td>1368 sq inches (8825 sq cm)</td>
<td>C/F</td>
<td>3600 RPM</td>
<td>22600</td>
</tr>
<tr>
<td>290Z-100</td>
<td>Upper Unit</td>
<td>1&quot; (25mm)</td>
<td>6 3/8&quot; (160mm)</td>
<td>24&quot; (610mm)</td>
<td>N/A</td>
<td>936 sq inches (6040 sq cm)</td>
<td>C/F</td>
<td>3600 RPM</td>
<td>22600</td>
</tr>
<tr>
<td></td>
<td>Lower Unit</td>
<td>1&quot; (25mm)</td>
<td>6 3/8&quot; (160mm)</td>
<td>24&quot; (610mm)</td>
<td>3 7/16&quot; (90mm)</td>
<td>1824 sq inches (11780 sq cm)</td>
<td>C/F</td>
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</tr>
</tbody>
</table>

Customized matching of other sized mills also available to best suit individual applications.
Process more. Here’s how