



FG Series Hammer Mill



FGZ Series Hammer Mill

## Dual Stage **Ultra Fine Grinding** Wood Hammer Mill

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

Model		Housing	Shaft Diameter	Rotor Width	Rotor Diameter	Bearings	Integral Fan System	Screen Area	Shaft Speed	Tip Speed
220-60	Upper Unit	1/2" (12mm)	2 3/4" (70mm)	12 1/2" (320mm)	24" (610mm)	2 7/16" (60mm)	N/A	475 sq inches (3064 sq cm)	3600 RPM	22600
	Lower Unit	1/2" (12mm)	3 1/4" (80mm)	20" (510mm)	24" (610mm)	2 15/16" (70mm)	4000 CFM	760 sq inches (4903 sq cm)	3600 RPM	22600
240-80	Upper Unit	1/2" (12mm)	3 1/4" (80mm)	17 1/2" (440mm)	24" (610mm)	2 15/16" (70mm)	N/A	665 sq inches (4290 sq cm)	3600 RPM	22600
	Lower Unit	1/2" (12mm)	3 1/4" (80mm)	24" (610mm)	24" (610mm)	2 15/16" (70mm)	5000 CFM	912 sq inches (5880 sq cm)	3600 RPM	22600
260-90	Upper Unit	1/2" (12mm)	3 1/4" (80mm)	20" (510mm)	24" (610mm)	2 15/16" (70mm)	N/A	760 sq inches (4903 sq cm)	3600 RPM	22600
	Lower Unit	3/4" (20mm)	5" (130mm)	36" (910mm)	24" (610mm)	3 7/16" (90mm)	C/F	1368 sq inches (8825 sq cm)	3600 RPM	22600
290-100	Upper Unit	3/4" (20mm)	5" (130mm)	36" (910mm)	24" (610mm)	3 7/16" (90mm)	N/A	1368 sq inches (8825 sq cm)	3600 RPM	22600
	Lower Unit	1" (25mm)	6 3/8" (160mm)	48" (1220mm)	24" (610mm)	3 7/16" (90mm)	C/F	1824 sq inches (11780 sq cm)	3600 RPM	22600

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

# FGZ Series Hammer Mill

## Technical Specifications

Model		Housing	Shaft Diameter	Rotor Width	Rotor Diameter	Bearings	Integral Fan System	Screen Area	Shaft Speed	Tip Speed
240Z-80	Upper Unit	3/4" (20mm)	3 1/4" (80mm)	17 1/2" (440mm)	24" (610mm)	2 15/16" (70mm)	N/A	442 sq inches (2850 sq cm)	3600 RPM	22600
	Lower Unit	1/2" (12mm)	3 1/4" (80mm)	24" (610mm)	24" (610mm)	2 15/16" (70mm)	5000 CFM	912 sq inches (5880 sq cm)	3600 RPM	22600
280Z-90	Upper Unit	3/4" (20mm)	3 1/4" (80mm)	24" (610mm)	24" (610mm)	2 15/16" (70mm)	N/A	624 sq inches (4140 sq cm)	3600 RPM	22600
	Lower Unit	3/4" (20mm)	5" (130mm)	36" (900mm)	24" (610mm)	3 7/16" (90mm)	C/F	1368 sq inches (8825 sq cm)	3600 RPM	22600
290Z-100	Upper Unit	1" (25mm)	5" (130mm)	36" (900mm)	24" (610mm)	3 7/16" (90mm)	N/A	936 sq inches (6040 sq cm)	3600 RPM	22600
	Lower Unit	1" (25mm)	6 3/8" (160mm)	48" (1220mm)	24" (610mm)	3 7/16" (90mm)	C/F	1824 sq inches (11780 sq cm)	3600 RPM	22600

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