



The experts in wood grinding.

The expertise in
preparing wood biomass
for biofuel production.

SchutteBuffalo
HAMMERMILL

America's fastest growing hammermill company

Keep grinding with the **industry leader.**

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.

And today, we're putting that experience to work in new and innovative ways, becoming a rising leader in the growing industry of biofuel production.

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.



Model 1590 Industrial Wood Grinder

Application: Hogged wood scrap

End Product: Boiler co-firing with coal for fueling lime kiln

Helping you get to the **finished end.**

All of our equipment for biofuel production is custom configured to suit you, your material and your production goals. You can rely on our grinders for the most consistent and uniform end-product. From single units to complete turnkey systems — along with free material testing and a complete line of replacement parts.

- Mills for Primary and/or Finished Grinding
- Models for Efficient Processing of Green or Dry Wood
 - Medium to Fine Grinding Hammer Mills
 - Full Circle Screen Hammer Mills
 - Pallet & Pallet Scrap Grinders
 - Heavy-Duty Bark Grinders
 - Trim Scrap Grinders



Model 24-20-301B Circ-U-Flow

Application: Sawdust conditioning

End Product: Fuel for cyclonic burner



Waste **not**.

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

Applications:

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

End Products Ideal For:

- Boiler Fuel
- Pelletizing
- Briquettes
- Biodiesel Production
- Pyrolysis



Two Model 15300 Industrial Wood Grinders

Application: Pre-grinding green wood; Finish grinding dried wood

End Product: Feedstock for pellets and briquettes



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.



15 Series Industrial Wood Grinder

The 15 Series Industrial Wood Grinder is ideal for high production operations, and is able to process a wide variety of green or dry wood to the exact desired finished particle size from 1" to fine sawdust.

The 44" rotor diameter of the 15 Series provides the tip speed required for maximum throughput using an 1,800 RPM motor. 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.

With five standard sizes (24" to 72" wide) to choose from, the 15 Series is available in either gravity or pneumatic discharge.

Applications:

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

End Products:

- Briquette production
- Pellet production
- Boiler fuel
- Biodiesel production
- Animal bedding
- Landscape mulch
- Playground cover

15 Series Technical Specifications

Model	Housing	Shaft Diameter	Rotor Width	Bearings	Screen Area	Weight	RPM	Tip Speed
1580	3/4" (20mm)	3 1/4" (80mm)	24" (610mm)	2 15/16" (75mm)	1680 sq inches (10840 sq cm)	6700 lbs (3040 kg)	1800	20,700
1590	1" (25mm)	5" (130mm)	36" (910mm)	3 7/16" (90mm)	2520 sq inches (16260 sq cm)	7900 lbs (3580 kg)	1800	20,700
15100	1" (25mm)	6 3/8" (160mm)	48" (1220mm)	3 7/16" (90mm)	3360 sq inches (21680 sq cm)	9000 lbs (4080 kg)	1800	20,700
15200	1" (25mm)	6 3/8" (160mm)	60" (1530mm)	3 7/16" (90mm)	4200 sq inches (27100 sq cm)	13890 lbs (6300 kg)	1800	20,700
15300	1" (25mm)	6 3/8" (160mm)	72" (1830mm)	4 7/16" (110mm)	5040 sq inches (32520 sq cm)	16000 lbs (7260 kg)	1800	20,700



Hogged Wood Scrap



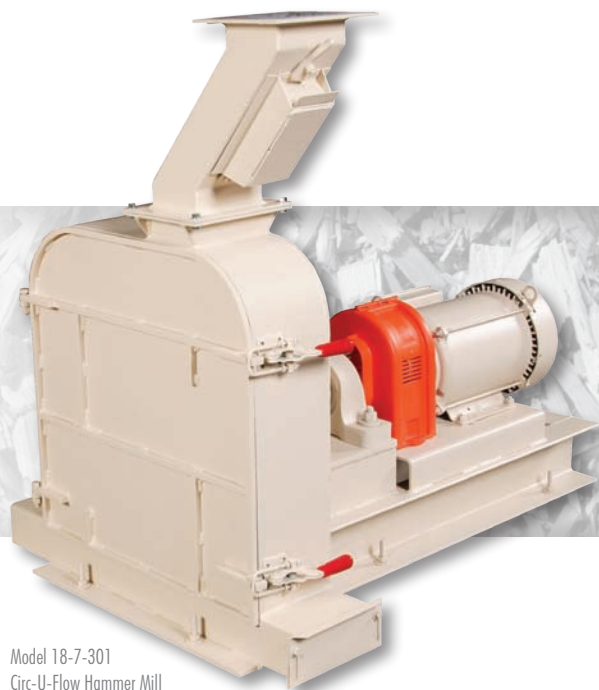
Planer Shavings



Green Wood Chips

Key Features:

- 44" rotor diameters produce high hammer tip speed at 1,800 RPM.
- Screen discharge areas from 1,680 and 5,040 square inches.
- Perforated screens and/or heavy-duty grates.
- Heavy plate construction and internal ribbed liner plates.
- Several styles of four-way reversible hammers.
- 1,200 RPM motor available if required by application.



Model 18-7-301
Circ-U-Flow Hammer Mill



W Series Laboratory Scale Hammer Mill

Laboratory and Pilot Scale Wood Grinders

Choose from three models, each ideal for laboratory testing, batch sampling or pilot production.

The **W Series** Laboratory Scale Hammer Mill is a gravity discharge hammer mill that produces results scalable to their high production counterparts. Available in two sizes, the W Series is ideal for processing small hogged wood scrap, wood chips and planer shavings.

Both models feature a 9" (230mm) diameter rotor with swinging or fixed mounted hammers, and a mill top that hinges open for easy screen change, cleaning, and mill maintenance.

The **Model 18-7-301** Pilot Scale Circ-U-Flow Hammer Mill is a high speed hammer mill designed for processing light wood waste. The nearly full circle screen covering the discharge opening provides for the highest possible production rate on materials that do not require initial grinding against a breaker plate. The Model 18-7-301 is suitable for either gravity or pneumatic evacuation.

Applications:

- Small hogged wood scrap
- Wood chips
- Planer shavings
- Sawdust
- Light bark

End Products:

- Boiler fuel
- Wood pellets
- Wood briquettes
- Cellulosic ethanol

Model 18-7-301 Circ-U-Flow Hammer Mill

Technical Specifications

Model	Housing	Shaft Diameter	Rotor Width	Rotor Diameter	Bearing Size	Power Range	Screen Area	Tip Speed
18-7-301	1/4" (6mm)	1 7/8" (50mm)	7" (180mm)	18" (460mm)	2 3/16" (60mm)	10-30 hp (7-20 kW)	385 sq inches (980 sq cm)	16900

W Series Laboratory Scale Hammer Mill

Technical Specifications

Model	Power Range	Rotor Diameter	Screen Area	Weight	RPM
W-6-H	1 - 2 hp (0.25 - 2 kW)	9" (230mm)	60 sq inches (390 sq cm)	225 lbs (100 kg)	1000-5000
W-8-LH	2 - 3 hp (1.5- 2 kW)	9" (230mm)	78 sq inches (500 sq cm)	250 lbs (110 kg)	1000-5000



300 degree screen coverage of rotor results in the highest possible throughput per horsepower.

Key Features - Model 18-7-301 Circ-U-Flow:

- Pilot scale, 7" (180mm) width.
- 10-30 hp motor.
- High speed (3600 RPM), 18" (460mm) diameter rotor allows for tip speed.
- Dual directional rotor.
- Hinged door with built-in screen support for easy access, cleaning and maintenance.
- Optional easy clean magnet.



Mill top hinges open for easy maintenance, cleaning and screen change.

Key Features - W Series Laboratory Scale Hammer Mill:

- True laboratory scale hammer mill, weighing 225 lbs (100kg).
- 2 hp motor.
- Robust 3/8" plate construction.
- Screens available in over 20 sizes.
- Options include: single phase motor, variable frequency drive (VFD), and custom support stand on casters.



24 Series Circ-U-Flow Hammer Mill

The high-speed 24 Series Circ-U-Flow hammer mill is designed for mid-range production grinding of a variety of wood materials. The nearly full circle screen translates to a larger screen open area and thus the highest possible production rates on materials that do not require initial grinding against a breaker plate. Suitable for gravity or pneumatic evacuation.

Applications:

- Hogged wood scrap
- Planer shavings
- Dry wood chips
- Green chips
- Sawdust

End Products:

- Boiler fuel conditioning
- Wood pellets
- Wood briquettes
- Biodiesel
- Animal bedding
- Sawdust conditioning
- Landscape mulch
- Cellulosic ethanol

24 Series Technical Specifications

Model	Housing	Shaft Diameter	Rotor Width	Rotor Diameter	Bearing Size	Power Range	Screen Area	Tip Speed
24-10	1/2" (12mm)	2 3/4" (70mm)	10" (250mm)	24" (610mm)	2 7/16" (60mm)	25-40 hp (20-30 kW)	600 sq inches (3870 sq cm)	22,600
24-15	1/2" (12mm)	2 3/4" (70mm)	15" (380mm)	24" (610mm)	2 7/16" (60mm)	50-60 hp (40-50 kW)	900 sq inches (5810 sq cm)	22,600
24-20	1/2" (12mm)	3 1/4" (80mm)	20" (510mm)	24" (610mm)	2 7/16" (60mm)	75-100 hp (60-70 kW)	1200 sq inches (7740 sq cm)	22,600
24-24	1/2" (12mm)	3 1/4" (80mm)	24" (610mm)	24" (610mm)	2 7/16" (60mm)	100-150 hp (70-110 kW)	1440 sq inches (9290 sq cm)	22,600



Hogged Wood Scrap



Planer Shavings



Green Wood Chips

Key Features:

- Available in four standard mill widths (10", 15", 20" and 24") with custom sizes available.
- Screen discharge areas from 600 to 1,440 square inches.
- High speed (3,600 RPM), rotor assembly four-way reversible hammers.
- Variety of screen sizes.
- Dual directional rotors.
- Easy access to mill's interior through dual access doors.
- Optional rotary feeders, magnets and de-stoners.



44 Series Circ-U-Flow Hammer Mill

Low speed (1,800 RPM), high production. Nearly full circle screen coverage of 44" diameter rotor. The 44 Series Circ-U-Flow hammer mill is designed for very high production grinding of light wood waste. The nearly full circle screen translates to a larger open screen area, thus allowing the highest possible production rates on materials that do not require initial grinding against a breaker plate. Suitable for either gravity or pneumatic evacuation.

Applications:

- Hogged wood scrap
- Sawdust
- Planer shavings
- Dry wood chips
- Green wood chips

End Products:

- Boiler fuel
- Wood briquettes
- Wood pellets
- Biodiesel
- Animal bedding
- Landscape mulch
- Playground cover
- Cellulosic ethanol

44 Series Technical Specifications

Model	Housing	Shaft Diameter	Rotor Width	Rotor Diameter	Bearing Size	Power Range	Screen Area	Tip Speed
44-13	3/4" (20mm)	3 1/4" (80mm)	12 1/2" (320mm)	44" (1120mm)	2 15/16" (70mm)	75-100 hp (60-70 kW)	1375 sq inches (8870 sq cm)	20,700
44-17	3/4" (20mm)	3 1/4" (80mm)	17 1/2" (440mm)	44" (1120mm)	2 15/16" (70mm)	100-125 hp (70-90 kW)	1925 sq inches (12420 sq cm)	20,700
44-24	3/4" (20mm)	3 1/4" (80mm)	24" (610mm)	44" (1120mm)	2 15/16" (70mm)	125-150 hp (90-110 kW)	2640 sq inches (17030 sq cm)	20,700
44-30	3/4" (20mm)	5" (130mm)	30" (760mm)	44" (1120mm)	3 7/16" (90mm)	200-300 hp (150-220 kW)	3300 sq inches (21290 sq cm)	20,700
44-48	3/4" (20mm)	6 3/8" (160mm)	48" (1220mm)	44" (1120mm)	3 7/16" (90mm)	350-400 hp (260-300 kW)	5280 sq inches (34070 sq cm)	20,700
44-60	1" (25mm)	6 3/8" (160mm)	60" (1530mm)	44" (1120mm)	4 7/16" (110mm)	400-500 hp (300-370 kW)	6600 sq inches (42580 sq cm)	20,700



Hogged Wood Scrap



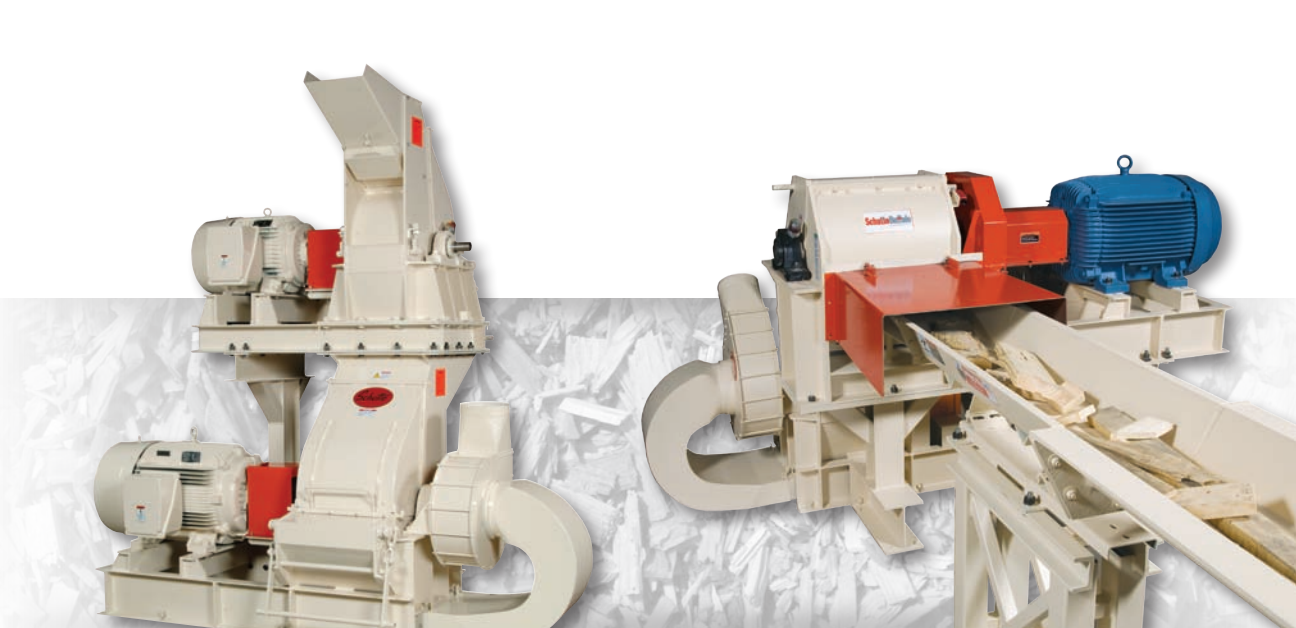
Planer Shavings



Green Wood Chips

Key Features:

- Six mill widths (13", 17", 24", 30", 48" and 60"); Also available in custom sizes.
- Screen discharge areas from 1,375 to 6,600 square inches.
- Low speed (1,800 RPM) rotor assembly with a four-way reversible hammer.
- Dual directional rotors.
- Optional rotary feeders, de-stoners and magnets.
- Variety of screen sizes.
- Easy access to mill's interior through dual access doors.



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



HZF Series Horizontal **Trim Scrap Grinder**

The HZF Series Horizontal Trim Scrap Grinder is a high speed, high production grinder designed specifically for processing longer lengths of wood scrap such as rippings, edgings and trim block. Available in four standard sizes from 10" to 36" wide. Each model features a built-in fan driven off of the main mill shaft, saving energy and valuable floor space while also significantly increasing production.

The result is wood waste efficiently ground to the exact desired finished size and conveyed to storage.

Applications:

- Trim block
- Rippings
- Edgings
- Demolition lumber
- Furniture scrap
- Moldings
- Individual pallet boards
- Veneer scrap

End Products:

- Boiler fuel
- Landscape mulch
- Playground cover
- Ideal primary grinder for:
 - Pellet production
 - Briquette production
 - Biodiesel production
 - Sawdust
 - Wood flour

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HZF Series Technical Specifications

Model	Housing	Shaft Diameter	Rotor Width	Rotor Diameter	Bearings	Integral Fan System	Power	Shaft Speed	Tip Speed
10	1/2" (12mm)	2 3/4" (70mm)	10" (250mm)	24" (610mm)	2 7/16" (60mm)	16 (400mm) 2800 CFM	40-50 hp (30-40 kW)	3600 rpm	22,600
40	3/4" (20mm)	3 1/4" (80mm)	17 1/2" (440mm)	24" (610mm)	2 15/16" (75mm)	18" (460mm) 4000 CFM	75-100 hp (60-70 kW)	3600 rpm	22,600
80	3/4" (20mm)	3 1/4" (80mm)	24" (610mm)	24" (610mm)	2 15/16" (75mm)	20" (510mm) 5000 CFM	150 hp (110 kW)	3600 rpm	22,600
90	1" (25mm)	5" (130mm)	36" (910mm)	24" (610mm)	3 7/16" (90mm)	20" (510mm) 5000 CFM	up to 250 hp (190 kW)	3600 rpm	22,600



Key Features:

- Heavy-duty plate construction with replaceable liner plates.
- Heavy-duty grates available in a variety of sizes.
- Heavy-duty rotor assembly.
- 24" diameter x 3" thick flywheel.
- Built-in fan conveys material up to 50' vertically and 100' horizontally.
- Reversible anvil.
- Two-way reversible "raked" hammers pull wood in without feed rolls.
- Optional vibrating in-feed conveyor.



Industrial **Bark Grinder**

The Industrial Bark Grinder is a heavily constructed, high production wood grinding hammer mill designed specifically for processing all types of bark scrap, including stringy, wet and fibrous varieties. Available in six standard sizes from 20" to 60" widths, Industrial Bark Grinders can process up to 50 TPH.

Applications:

- Bark from all types of de-barkers
- Green wood waste
- Large wood chips
- Plywood and MDF scrap
- Pole peelings
- Sawmill scrap

End Products:

- Boiler fuel
- Landscape mulch
- Playground cover
- Ideal primary grinder for:
 - Pellet production
 - Briquette production
 - Biodiesel production
 - Sawdust
 - Wood flour

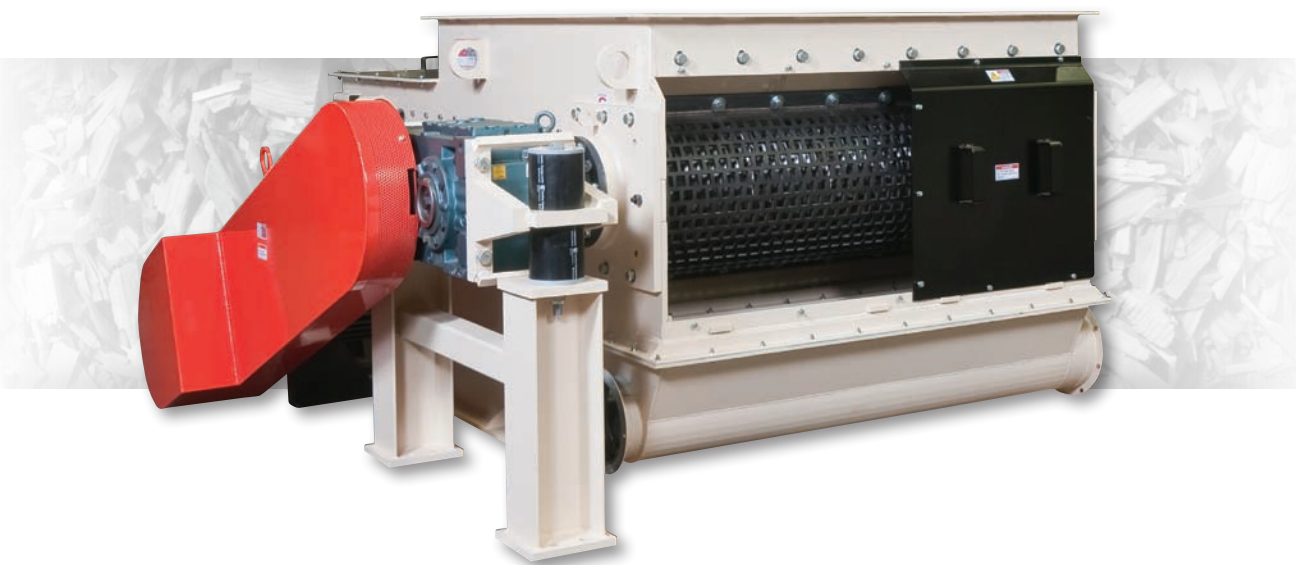
Bark Grinder Technical Specifications

Model	Housing	Shaft Diameter	Rotor Width	Rotor Diameter	Bearing Size	Screen Area	Weight	RPM	Tip Speed
60-B2	3/4" (20mm)	3 1/4" (80mm)	20" (510mm)	24" (610mm)	2 15/16" (75mm)	760 sq inches (4900 sq cm)	2525 lbs (1150 kg)	3600 rpm	22,600
80-B2	3/4" (20mm)	3 1/4" (80mm)	24" (610mm)	24" (610mm)	2 15/16" (75mm)	912 sq inches (5880 sq cm)	2625 lbs (1190 kg)	3600 rpm	22,600
90-B2	3/4" (20mm)	5" (130mm)	36" (910mm)	24" (610mm)	3 7/16" (90mm)	1368 sq inches (8830 sq cm)	3400 lbs (1540 kg)	3600 rpm	22,600
100-B2	1" (25mm)	6 3/8" (160mm)	48" (1220mm)	24" (610mm)	3 7/16" (90mm)	1824 sq inches (11770 sq cm)	4500 lbs (2040 kg)	3600 rpm	22,600
100-C2	1" (25mm)	6 3/8" (160mm)	48" (1220mm)	44" (1120mm)	4 7/16" (110mm)	3300 sq inches (21290 sq cm)	9000 lbs (4080 kg)	1800 rpm	20,723
120-C2	1" (25mm)	6 3/8" (160mm)	60" (1530mm)	44" (1120mm)	4 7/16" (110mm)	4200 sq inches (27100 sq cm)	13000 lbs (5900 kg)	1800 rpm	20,723



Key Features:

- Extra heavy-duty rotor assembly.
- Internal replaceable ribbed liner plates to disintegrate bark fibers.
- Abrasion-resistant components to withstand the inevitable grit associated with bark.
- Four-way reversible hammers designed specifically for bark available in 7/8", 3/8" and other custom sizes and styles.
- Heavy-duty grates or perforated screens available in a variety of sizes.
- Optional fan with internal replaceable fan liner available on smaller models.



MP Series Slow Speed Ram Fed Grinder

The MP Series Slow Speed Ram Fed Grinder is designed for less power usage, minimal dust and reduced manpower requirements. Simply dump your scrap into the hopper and let the grinder do the work. The low noise, low RPM MP Series is the toughest, most durable machine you can buy for your wood processing needs. Each component was engineered with your needs in mind — from the extra heavy frame, bearings and shaft, to the electrical controls and more.

Applications:

- Pallets
- Demolition debris
- Custom crates and skids
- Furniture and wood scrap
- Miscellaneous wood scrap

End Products:

- Boiler fuel
- Landscape mulch
- Volume reduction
- Playground cover
- Ideal primary grinder for:
 - Pellet production
 - Briquette production
 - Biodiesel production
 - Sawdust
 - Wood flour

MP Series Technical Specifications

Model	Power	Rotor Diameter	Weight	Grinding Deck
MP-30	30-50 hp (20-40 kW)	15" (380mm)	7250 lbs (3289 kg)	36" x 36" (910mm x 910mm)
MP-40	40-60 hp (30-50 kW)	15" (380mm)	10500 lbs (4767 kg)	52" x 52" (1320mm x 1320mm)
MP-75	60-75 hp (50-60 kW)	15" (380mm)	13250 lbs (6010 kg)	58" x 52" (1472mm x 1320mm)
MP-100	75-100 hp (60-70 kW)	20" (510mm)	15000 lbs (6804 kg)	66" x 66" (1680mm x 1680mm)
MP-125	100-125 hp (70-90 kW)	20" (510mm)	17500 lbs (7938 kg)	72" x 66" (1830mm x 1680mm)



Model MP-13

Pallet Grinding System:

Increase throughput up to 300% with the addition of finish grinding hammer mill.

Key Features:

- Choice of 12", 15" and 20" rotor diameter, each standard with four-way reversible tool-steel cutting teeth.
- Heavy-duty grates or perforated screens available in many sizes.
- Serrated anvil made from abrasion-resistant steel.
- Heavy-duty, American made, off-the-shelf, non-customized components (bearings, gearboxes, fluid coupling, controls).
- Programmable electronic system logic with digital read-out.
- Adjustable hydraulic pressures, cycle timing and manual retraction.
- All feed hoppers are custom built to suit application.
- Several optional types of discharge conveying equipment available - either pneumatic or mechanical.
- Optional magnets for ferrous metal extraction.
- Easily connects to finish grinding hammer mill.

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Automatic **Wood Scrap** Batch Feeder

Designed to reduce energy and labor costs, the Automatic Wood Scrap Batch Feeder allows for unattended “drop and go” operation. The large 6’ to 10’ wide hopper accepts large loads of material from dump hoppers or loaders and automatically unscrambles and transfers material to the in feed conveyor of a wood grinder.

Staggered arrangement of drag chain flights with replaceable wear strips provide even metering and eliminates jams and overflowing. Variable speed drive is standard, allowing proper feed settings for the type of material being processed.

Applications:

- Construction scrap
- Furniture plant scrap
- Lumber yard scrap
- Truss plant scrap

Key Features:

- 5” channel superstructure.
- 3/16” steel hopper bed plate.
- 1 1/2 horsepower variable speed drive.
- Removable rear access panels for easy servicing.
- Rubber flaps to prevent material fallback on conveyor.

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