



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.