



44 Series Circ-U-Flow Hammer Mill

Low speed (1,800 RPM), high production. Nearly full circle screen coverage of the 44" diameter rotor. The 44 Series Circ-U-Flow hammer mill is designed for very high production grinding of a wide variety of products. The nearly full circle screen translates to a larger screen open area, 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:

- Alfalfa
- Barley
- Corn
- Herbs and Spices
- Planer shavings
- Rye
- Sawdust
- Sorghum
- Soybeans
- Straw
- Wheat
- ... and more

End Products/Uses:

- Agricultural products
- Animal feed
- Biodiesel
- Boiler fuel
- Cellulosic ethanol
- Pellets and Briquettes
- Sizing for packaging

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" (115mm)	400-600 hp (300-450 kW)	6600 sq inches (42580 sq cm)	20,700



Available in six sizes, with rotor widths ranging from 13" to 60".



Quick release levers allow for easy screen change, maintenance and rotor inspection.

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 four-way reversible hammers.
- Optional ribbed plate attrition zone.
- Dual directional rotors.
- Optional rotary feeders, de-stoners and magnets.
- Variety of screen sizes from 3" to .020".
- Easy access to mill's interior through dual access doors.
- Optional side liner plates for moderately abrasive materials.