

INDUSTRIAL HAMMER MILLS

44 SERIES

Low speed (1800 RPM), high production. Nearly full screen coverage of 44" diameter rotor. The 44 Series Circ-U-Flow hammer mill is designed for very high production grinding of agricultural products, feed and grain, light wood waste and other relatively easy to grind materials. The nearly full circle screen translates to a larger open screen area and thus 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
- Hogged wood scrap
- Dry wood chips
- Green wood chips



END PRODUCTS / USES

- Agricultural products
- Animal feed
- Biodiesel
- Boiler fuel
- Cellulosic ethanol
- Pellets and Briquettes
- Sizing for packaging
- Animal bedding
- Landscape mulch
- Playground cover

KEY FEATURES

- Six mill widths (13", 17", 24", 30", 48" and 60"); Also available in custom sizes.
- Low speed (1,800 RPM) rotor assembly with four-way reversible hammers.
- Screen discharge areas from 1,375 to 6,600 sq in.
- 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.
- Proprietary screen cradle for easy removal and insertion.



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

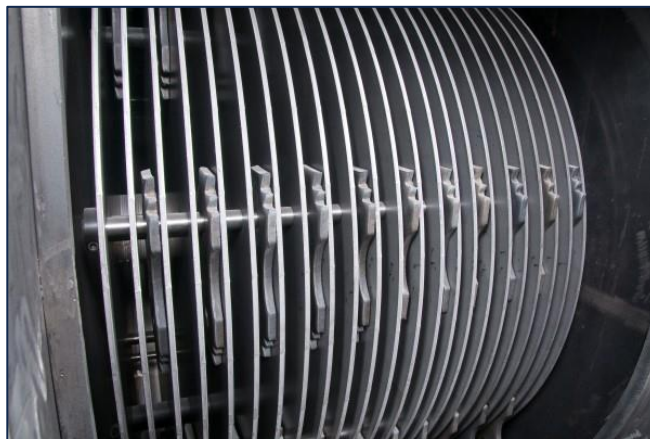
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SPECIFICATIONS

Model	Housing	Shaft Diameter	Rotor Width	Rotor Diameter	Bearing Size	Power Range	Screen Area	Tip Speed
44-13	3/4" (20mm)	3 1/4" (80 mm)	12 1/2" (320 mm)	44" (1120 mm)	2 15/16" (75 mm)	75-100 hp (55-75 kW)	1375 sq in (8870 sq cm)	20,700
44-17	3/4" (20mm)	3 1/4" (80 mm)	17 1/2" (445 mm)	44" (1120 mm)	2 15/16" (75 mm)	100-125 hp (75-90 kW)	1925 sq in (12420 sq cm)	20,700
44-24	3/4" (20mm)	3 1/4" (80 mm)	24" (610 mm)	44" (1120 mm)	2 15/16" (75 mm)	125-150 hp (90-110 kW)	2640 sq in (17030 sq cm)	20,700
44-30	3/4" (20mm)	5" (130 mm)	30" (760 mm)	44" (1120 mm)	3 7/16" (90 mm)	200-300 hp (150-220 kW)	3300 sq in (21290 sq cm)	20,700
44-48	3/4" (20 mm)	6 3/8" (160 mm)	48" (1220 mm)	44" (1120 mm)	3 7/16" (90 mm)	350-400 hp (260-300 kW)	5280 sq in (34070 sq cm)	20,700
44-60	1" (25 mm)	6 3/8" (160 mm)	60" (1525 mm)	44" (1120 mm)	4 7/16" (110 mm)	400-600 hp (300-450 kW)	6600 sq in (42580 sq cm)	20,700
44-72	1" (25 mm)	6 3/8" (160 mm)	72" (1830 mm)	44" (1120 mm)	4 7/16" (110 mm)	600-800 hp (450-600 kW)	7920 sq in (51100 sq cm)	20,700



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