

44 SERIES

CIRC-U-FLOW HAMMER MILL



Low speed, high production hammer mill



www.hammermills.com | info@hammermills.com | 1-800-447-4634

Ruggedly built to outperform and outlast its competitors

Low speed (1,800 RPM) meets high production in the nearly full circle screen coverage of the 44" diameter rotor of our 44 series mill. 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.



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

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.

Technical Specifications

Model	Housing	Shaft Diameter	Rotor Width	Rotor Diameter	Bearing Size	Power Range	Screen Area	Tip Speed
44-13	¾" (20mm)	3 ¼" (80mm)	12 ½" (320mm)	44" (1120mm)	2 15/16" (75mm)	75-100 hp (55-75 kW)	1375 sq in (8870 sq cm)	20,700
44-17	¾" (20mm)	3 ¼" (80mm)	17 ½" (445mm)	44" (1120mm)	2 15/16" (75mm)	100-125 hp (75-90 kW)	1925 sq in (12420 sq cm)	20,700
44-24	¾" (20mm)	3 ¼" (80mm)	24" (610mm)	44" (1120mm)	2 15/16" (75mm)	125-150 hp (90-110 kW)	2640 sq in (17030 sq cm)	20,700
44-30	¾" (20mm)	5" (130mm)	30" (760mm)	44" (1120mm)	3 7/16" (90mm)	200-300 hp (150-220 kW)	3300 sq in (21290 sq cm)	20,700
44-48	¾" (20mm)	6 ¾" (160mm)	48" (1220mm)	44" (1120mm)	3 7/16" (90mm)	350-400 hp (260-300 kW)	5280 sq in (34070 sq cm)	20,700
44-60	1" (25mm)	6 ¾" (160mm)	60" (1525mm)	44" (1120mm)	4 7/16" (110mm)	400-600 hp (300-450 kW)	6600 sq in (42580 sq cm)	20,700
44-72	1" (25mm)	6 ¾" (160mm)	72" (1830mm)	44" (1120mm)	4 7/16" (110mm)	600-800 hp (450-600 kW)	7920 sq in (51100 sq cm)	20,700

Backed by the Schutte Hammermill Reputation

With thousands of installations around the world, and nearly a century's worth of experience, Schutte Hammermill has a solution for your size reduction challenge. We offer over 200 sizes and styles of mills, and can provide the perfect size machine for each customer's specific processing rate requirements. Call us today to find out more about how we can help improve your process. Call 800/447-4634 or visit www.hammermills.com for more information on the full line of size reduction equipment made by Schutte Hammermill



APPLICATION ENGINEERED PROCESSING EQUIPMENT



61 Depot Street | Buffalo, NY 14206