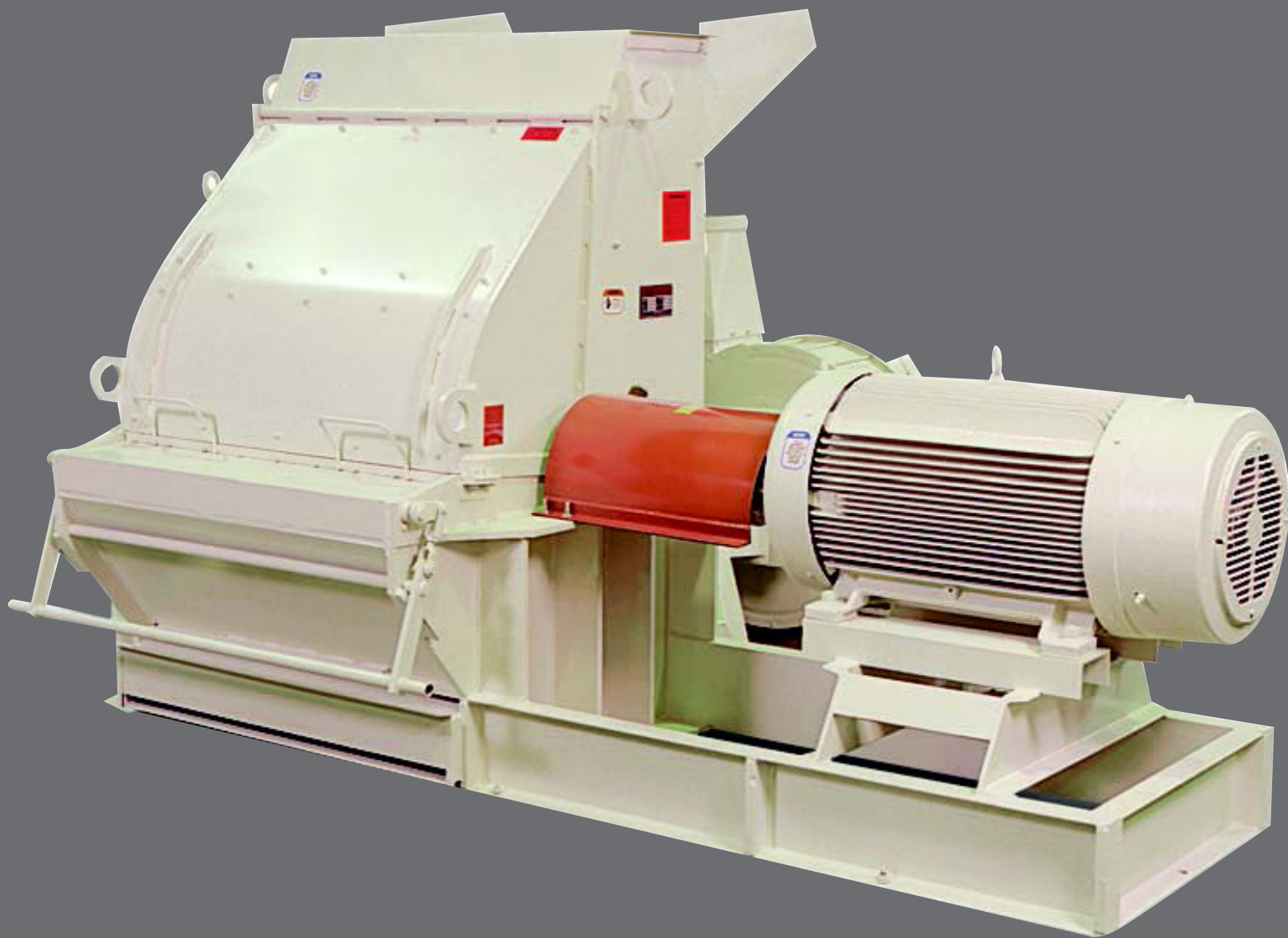


15 SERIES LIBERATOR

HAMMER MILL FOR RECYCLED CARPET



Proprietary design for the
most efficient processing



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

Ruggedly built to outperform and outlast its competitors

Carpet is not free flowing and therefore requires unique handling. Our state-of-the-art Liberator hammer mill combines a proprietary hammer, screen and liner design that results in the most efficient processing of this difficult material. We even control the dwell time to achieve your goals. This proven, time-tested technology built into every Liberator will allow you to achieve the highest degree of fiber-backing liberation and lowest possible ash content.

The Liberator is available in several sizes to match your hourly production goals and is designed to run 24-7. Schutte Hammermill, along with our partners in the material handling field, can provide a fully integrated, turnkey system using Liberator technology. From whole carpet in, to clean fiber out, our systems work efficiently, economically and safely.



Applications

- Post-Consumer Carpet
- Post-Industrial Carpet
- Nylon 6
- Nylon 66
- Polypropylene

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 in abrasion resistant steel.
- Several styles of four-way reversible hammers.
- 1,200 RPM motor available if required by application.

Technical Specifications

Model	1580	1590	15100	15200	15300
Housing	$\frac{3}{4}$ " (20 mm)	1" (25 mm)	1" (25 mm)	1" (25 mm)	1" (25 mm)
Shaft Diameter	3 $\frac{1}{4}$ " (80 mm)	5" (130 mm)	6 $\frac{3}{8}$ " (160 mm)	6 $\frac{3}{8}$ " (160 mm)	6 $\frac{3}{8}$ " (160 mm)
Rotor Width	24" (610 mm)	36" (910 mm)	48" (1220 mm)	60" (1530 mm)	72" (1830 mm)
Bearings	2 $\frac{15}{16}$ " (75 mm)	3 $\frac{7}{16}$ " (90 mm)	3 $\frac{7}{16}$ " (90 mm)	3 $\frac{7}{16}$ " (90 mm)	4 $\frac{7}{16}$ " (110 mm)
Screen Area	1680 sq in (10840 sq cm)	2520 sq in (16260 sq cm)	3360 sq in (21680 sq cm)	4200 sq in (27100 sq cm)	5040 sq in (32520 sq cm)
Weight	6700 lbs (3040 kg)	7900 lbs (3580 kg)	9000 lbs (4080 kg)	13890 lbs (6300 kg)	16000 lbs (7260 kg)
Horsepower	150 hp (110 kW)	200 hp (150 kW)	300 hp (220 kW)	400 hp (300 kW)	500 hp (375 kW)
Processing Capacity*	2000 - 2500 lbs/hr	3000 - 3500 lbs/hr	4000 - 5000 lbs/hr	5000 - 6000 lbs/hr	7000 - 8000 lbs/hr

*Actual capacity based on size of pre-shredded infeed material, screen size employed and pneumatic discharge system efficiency.

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



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