



ABE EZ-Access® Hammermills

Versatile, high-capacity pulverizing and crushing for reduction of most friable or fibrous materials.

Features/Advantages

Designed to be safely and quickly cleared of plugged chutes, minimizing downtime.

Backed by more than 90 years of application experience, each model in our complete line of Jeffrey Rader hammermills is constructed with heavy plate steel, equipped with heavy-duty components that ensure long service life and engineered to deliver proven performance benefits.

Unmatched Versatility

You can use Jeffrey Rader AB/ABE hammermills in a wide variety of applications. The type of material you are reducing determines the rotor configuration while the product size you desire determines the screen bar arrangement. For pulverizing friable materials such as limestone, Jeffrey Rader hammermills come with rectangular swing hammers. For shredding materials such as waste paper, fiberglass mats or rubber — or when the application requires the machine to run at slow speed — rigid hammers are the best choice.

EZ-Access Technology

ABE hammermills have been redesigned with Jeffrey Rader's exclusive EZ-Access technology, which allows safe, fast and easy access to hammers, rotors and liners. Now maintenance operators can safely and quickly clear plugged chutes to minimize downtime and perform routine maintenance with more safety and ease. The new E-Z Access technology also lets operators remove the machine's rotor without removing the feed chute.

Screen Grates

Jeffrey Rader fabricated screen grates, racks & bars and perforated plates are designed to provide the greatest amount of free open area, allowing the machine to obtain the highest capacity while accurately sizing the material to the specified size. Our screen grates are made of abrasion-resistant materials, but can be supplied with other materials depending on the application and sizing requirements. Our Slant-Flow® grates are



unique to our hammermills. Unlike conventional screen sections, the Slant-Flow design is angled into the flow of the material being shredded. This provides more shredding action and allows the material to evacuate faster. The result is less wear on the grates and hammers, and a more uniform product size.

Heavy-Duty Rotor Design

Our disc-type rotor is assembled on a high-strength, alloy-steel shaft and is mounted in self-aligning spherical roller bearings in rugged steel housings. Rotor discs allow maximum flexibility of hammer arrangements. Jeffrey Rader rotors can be set up with three, four, or six rows of hammers for premium efficiency when shredding to a smaller product size.

Durable Hammer Designs

Our hammers are manufactured from Ultralloy® material to provide the ultimate in performance, long life and low operating costs. The hammers are hard throughout, yet still have the ductility and toughness to withstand high-impact conditions. Where the application requires, we have both harder and softer materials to provide the optimal performance and life in the hammers while keeping operating costs to a minimum. In addition to our current material offerings, we are constantly looking at new alloys to improve overall equipment performance.



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ABE EZ-Access[®] Hammermills

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Features/Advantages (continued from other side)

Our hammers also are available in a variety of shapes from a standard bar hammer to a six-point rigid hammer. The hammer design is based on the application, and when combined with the appropriate material, will ensure the machine is operating at its maximum efficiency.

Steel Housing

Rolled-steel, structurally reinforced housings ensure long-lasting durability. When properly maintained, the hammermill's fully-lined interior prevents the housing from wearing on the inside.

Doors on the upper housing provide access to the metal trap and the interior of the machine.

Extended Lower Housing

The lower housing is extended to provide 180° of screen grate area. The extensive screen area reduces operating costs by allowing more open area in the machine, and it effectively discharges the material without causing a recirculating load. Plus, the instances of plugging (from wet material) are greatly reduced.

Hydraulic Bearing Removal

To substantially reduce maintenance time on larger models, the rotor shaft is drilled for the hydraulic removal of the bearings. This ensures quick bearing removal without damaging the shaft.

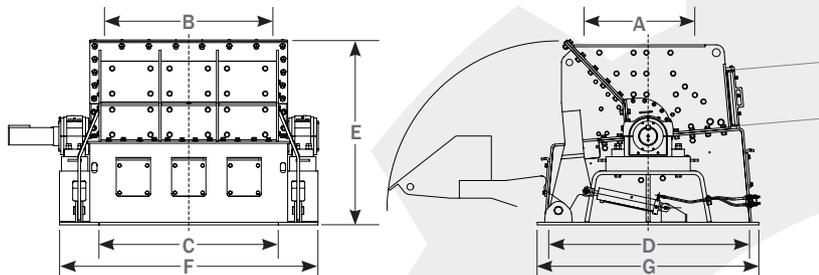
Liners

All liners are manufactured from thick abrasion-resistant steel plate to protect against high impacts and normal wear. Liners are drilled, tapped and bolted from the outside to eliminate bolt heads on the inside where they can wear and break off.

Tramp Metal Protection

Every Jeffrey Rader wood hog has an integral metal trap that effectively collects the odd pieces of smaller tramp metal which can damage your wood hog. The tramp metal pocket is located in the back of the machine. As tramp metal enters the hammer circle, the hammers lay back and carry the material around to and place it in the metal trap.

Dimensions and Weights



MODEL NO.**	IN. (MM)		APPROXIMATE LAYOUT DIMENSIONS* AND SHIPPING WEIGHTS					
	FEED OPENING		DISCHARGE OPENING		HEIGHT	WIDTH	LENGTH	LBS (KG)
	A	B	C	D	E	F	G	
45ABE	41.5" (1054)	25.5" (648)	48" (1219)	57" (1448)	54" (1372)	63" (1600)	64" (1626)	10,100 (4,581)
54ABE	32.5" (826)	33.5" (851)	35" (889)	78.5" (1994)	63" (1600)	85.5" (2172)	62" (1575)	14,200 (6,441)
55ABE	43.25" (1099)	33.5" (851)	45.75" (1162)	77" (1956)	63" (1600)	85.5" (2172)	72.25" (1835)	17,000 (7,711)
56ABE	53.5" (1359)	33.5" (851)	56" (1422)	77" (1956)	63" (1600)	85.5" (2172)	82.5" (2096)	18,500 (8,392)
58ABE	64" (1626)	33.5" (851)	66.5" (1689)	77" (1956)	69" (1753)	84" (2134)	98" (2489)	29,800 (13,517)
59ABE	74.5" (1892)	33.5" (851)	77" (1956)	77" (1956)	69" (1753)	84" (2134)	108.5" (2756)	38,500 (17,463)

* Certified drawings will be furnished for installation. Installation supervision is available.

** See "Mini Hammermills" brochure for information about smaller "ABE" models.

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