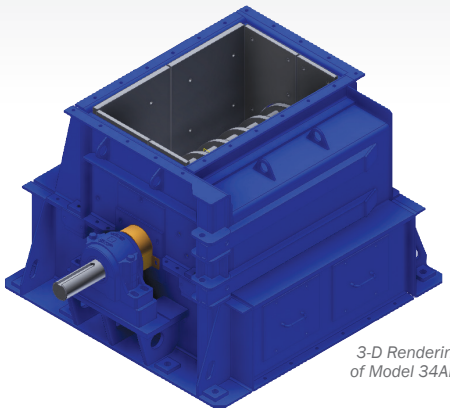
Mini Hammermills

Mini Hammermills

These Mini-Mill™, 30ABE and 34ABE models include the same features as our large hammermills.

Mini-Mill with EZ-Access technology.



3-D Rendering of Model 34ABE

Features/Advantages

Easy to access, ruggedly built.

These smaller Jeffrey Rader brand hammermills incorporate swinging doors for optimum access, while still maintaining durability.

Unmatched Versatility

You can use small-to-medium-sized 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 (E Models)

These 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 perform routine maintenance with more safety and ease.

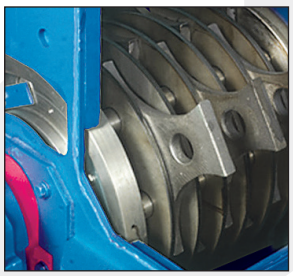
Screen Grates

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.

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 (model 30ABE and 34ABE) or ball bearings (model Mini-Mill) 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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Mini Hammermills

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.

Liners

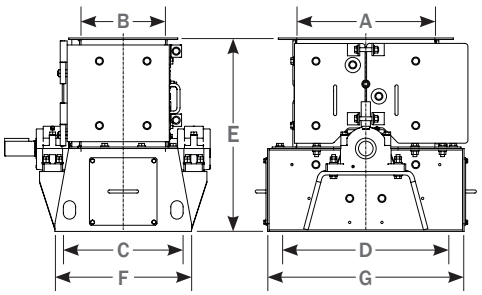
All liners are manufactured from thick abrasion-resistant steel plate to protect against high impacts and normal wear. Liners are drilled, tapped and bolted from the outside to eliminate bolt heads on the inside where they can wear and break off.

Tramp Metal Protection

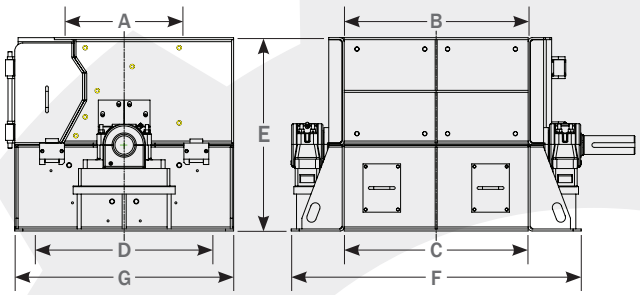
Jeffrey Rader model 30ABE and 34ABE hammermills include an integral metal trap that effectively collects the odd pieces of smaller tramp metal which can damage your machine. The tramp metal pocket is located in the back of the machine. As tramp metal enters the hammer circle, the hammers lay back and carry the material around to and place it in the metal trap. (Metal traps are optional on the Mini-Mill model.)

Dimensions and Weights

Mini-Mill E & 30ABE



34ABE



APPROXIMATE LAYOUT DIMENSIONS* AND SHIPPING WEIGHTS IN. (MM)

MODEL NO.	FEED OPENING A	FEED OPENING B	DISCHARGE OPENING C	DISCHARGE OPENING D	OVERALL HEIGHT E	OVERALL WIDTH F	OVERALL LENGTH G	OVERALL WEIGHT LBS (KG)
Mini-Mill E	12" (305)	21.5" (546)	12" (305)	31.5" (800)	31.5" (800)	22" (559)	32" (813)	1,050 (476)
30ABE	21" (533)	21" (533)	26.5" (673)	35" (889)	36" (914)	42" (1067)	40" (1016)	3,000 (1,361)
34ABE	21" (533)	32.75" (832)	34" (864)	35" (889)	36" (914)	54" (1371)	40.75" (1035)	4,000 (1,814)

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

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