

**SCHUTTE-BUFFALO HAMMERMILL**

America's fastest growing hammermill company

# The E-Cycler™



**THE ONLY HAMMERMILL DESIGNED  
SPECIFICALLY FOR ELECTRONIC SCRAP  
RECYCLING AND CONFIDENTIAL DESTRUCTION.**

From recycling of computer components for precious metals reclamation, to secure and complete destruction of confidential or proprietary information, the exclusive E-Cycler™ from Schutte-  
Buffalo Hammermill is the choice for your unique requirements.

**Schutte**Buffalo  
HAMMERMILL

# The E-Cycler™

## EXTRAORDINARY PERFORMANCE. EXCEPTIONAL VALUE.

No matter what your electronic scrap recycling application, you can count on extraordinary performance with the quality and value of Schutte-Buffalo Hammermill, America's fastest growing hammermill company and a worldwide leader for more than 75 years.

The robust design of the E-Cycler – with its specially designed grinding rotor – is not only engineered to be more efficient, it also features the longest-lasting, most durable components available. That means you spend less time performing maintenance, and more time processing and recycling.

## ABSOLUTE CONFIDENTIAL DESTRUCTION

No other hammermill destroys computer and electronic components better than the E-Cycler. In today's digital world, protecting proprietary information requires extra measures throughout the business cycle.

The E-Cycler is an important tool in the security process giving you added confidence that your confidential information never ends up in the wrong hands.

- The powerful and turbulent action within the mill renders the electronic components virtually unrecognizable and certainly unusable.
- Scrap enters the steel grinding chamber and is attacked by a series of steel hammers that crush, rip, and shred the material into small pieces
- At the same time the material is being reduced in size, it is also scraped and scoured, rendering any remaining information on the components illegible.
- Typical applications include the destruction of printed circuit boards (PCBs), lead frames, ICs and ink wafers
- Computer hard drives are completely destroyed thus eliminating the ability to retrieve any remaining imbedded data. The average hard drive is reduced to pieces that are less than 3/4" (19mm) after passing through the mill. Secondary processes can reduce these pieces to an even finer grind.

## E-CYCLER IS EXTRA TOUGH, YET USER FRIENDLY

- Replaceable wear plates made from thick, abrasion resistant steel
- Four way reversible hammers for long service life
- Heavy duty rotor assembly
- Oversized shaft and bearings
- Hinged access door allows screen change in seconds
- Rotate or replace hammers without removing mill top
- Off-the-shelf replacement parts



Screens are available in multiple sizes and are easily interchangeable.

## MORE SOLUTIONS WITH A ROBI SEPARATOR FROM GUIDETTI

Schutte-Buffalo Hammermill has partnered with Guidetti of Italy to offer the ROBI Separator as a total solutions complement to the E-Cycler. The ROBI Separator segregates plastics, metals, paper and other materials from electronic scrap for further processing and recycling. Complete details on the high quality ROBI systems are available from Schutte-Buffalo Hammermill.



## E-CYCLER CASE STUDY

"A multinational corporation located in the far east contracted with an outside firm for secure destruction of their technologically advanced components, only to find that the material was not being destroyed, but rather was being sold to a competitor. As a result the corporation purchased an E-cycler and began processing the material in house. The practice was so successful that the company purchased 5 additional units for their other plants thus assuring the protection of their intellectual property."

## MORE PROFITS FROM PRECIOUS METALS RECYCLING

No other hammermill is more valuable for the effective and profitable recycling of precious metals from electronic components than the E-Cycler. The hammering action not only reduces, it also liberates various materials on populated components such as PCBs. These materials can then be identified and segregated downstream by other processing equipment. The precious metals recovered can be resold for a profit, which means less waste going into landfills.

## FOUR E-CYCLER MODELS TO CHOOSE FROM

Model #	Power	Production Rate	Dimensions
W-6-H	2 hp (1.5 kw)	50-250 lbs/hr. (25-100 kg/hr.)	32" x 17" x 17" (800mm x 425mm x 425mm)
WA-8-H	10 hp (7.5 kw)	100-500 lbs/hr (50-250 kg.)	60" x 24" x 32" (1500mm x 600mm x 800mm)
WA-25-H	40 hp (30 kw)	350-2,000 lbs/hr (150-900 kg/hr)	86" x 48" x 42" (2150mm x 1200mm x 1050mm)
WA-36-H	100 hp (75 kw)	1,000-3,000 lbs/hr (450-1,350 kg/hr)	110" x 62" x 56" (2750mm x 1550mm x 1400mm)

- Actual rate based on specific material being processed, infeed size, and desired finished size.
- Dimensions are for mill only and do not include peripheral equipment.
- Other models also available to suit any application

## EFFICIENT SIZE REDUCTION FOR A VARIETY OF MATERIALS

Confidential Destruction and size reduction applications include:



Printed Circuit Boards



Computer Chips



Computer Hard Drives



## E-CYCLER AND THE EXPERIENCE OF SCHUTTE-BUFFALO HAMMERMILL

With thousands of hammermill installations around the world, Schutte-Buffalo has a wide range of experience in the size reduction and recycling industry. Our expert engineering team can provide the optimal solution for your specific application.

Visit [www.hammermills.com](http://www.hammermills.com) for more information on the E-Cycler, the ROBI Separator from Guidetti, and the full line of hammermills and grinders made by Schutte-Buffalo Hammermill.

## A FULL LINE OF SIZE REDUCTION EQUIPMENT



**SERIES HZF HORIZONTAL FED TRIM SCRAP GRINDER**



**PALLET GRINDER — THE HOGERIZER®**



**LUMPBREAKER**

### **ONE COMPANY FOR ALL YOUR SIZE REDUCTION EQUIPMENT NEEDS.**

For over 75 years Schutte-Buffalo Hammermill has been the industry leader in size reduction equipment manufacturing, from grinders and pulverizing equipment to hammer mills, lumpbreakers, and shredders. Schutte-Buffalo Hammermill offers the largest and most diverse product line, with equipment ranging from lab scale to heavy industrial. Our simple, yet versatile machines offer you the optimum combination of low initial investment and long-term durability, no matter what the application.

Schutte-Buffalo Hammermill for All your size reduction needs:

- Wood Waste Recycling
- Animal Feed Grinding
- Ethanol Plant Grinding Equipment
- Glass & Ceramic Grinding
- Pallet Grinding
- Rock, Stone, and Mineral Crushing
- Carpet Recycling
- Document Destruction
- Asphalt Recycling
- Chemical De-Lumping