

# SIZE REDUCTION SOLUTIONS FOR STONE, COAL, ASH AND MINERALS

SCHUTTE HAMMERMILL | APPLICATION DATA SHEET

Quality Since 1928



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## Leading Solutions for Size Reduction

Schutte Hammermill designs and manufactures heavy-duty hammer mills and grinders engineered for the most demanding applications in the minerals and bulk solids industries. From stone and coal to fly ash and rare earth elements, our equipment is built for reliable, consistent performance in abrasive and tough-to-process materials.

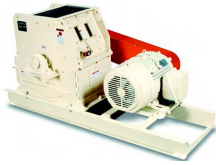
Whether your goal is particle size reduction for material preparation, densification, incineration, or product manufacturing, Schutte Hammermill offers the right equipment for your process.



### Common Processing Goals:

- **Primary and Secondary Crushing:** Initial material breakdown for oversized rocks, coal chunks, and clinkers to achieve manageable sizes for downstream handling or additional grinding stages.
- **Pulverizing and Fine Grinding:** Reduction of materials to fine powders or granules to meet specific particle size requirements for blending, reaction enhancement, or thermal processing.
- **Enhancing Flowability for Handling and Transport:** Size reduction improves the uniformity and surface characteristics of bulk solids, promoting better flow through hoppers, conveyors, and storage systems.
- **Size Reduction for Material Separation and Recovery:** Critical preparation step in processes such as mineral recovery, rare earth extraction, or fuel preparation, enabling separation of valuable components or increasing reaction surface area.

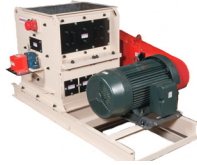
## Recommended Equipment



### SC Series – Industrial Hammer Mills for Heavy-Duty Reduction

- Rugged construction ideal for stone, coal, and mineral ores
- Features replaceable wear plates and heavy-duty rotor assemblies
- Designed for continuous operation in harsh environments

**Applications:** Stone, Coal, Clinkers, Rare Earths



### WA Series – Industrial Mill for Abrasive Materials

- Wide chamber design reduces wear on internal components
- Suitable for processing fly ash, soda ash, and similar fine powders
- Features high throughput and precise particle size control
- Optional abrasion-resistant components

**Applications:** Fly Ash, Soda Ash, Coal Dust



### RC Series – Heavy-Duty Crusher for Primary Reduction

- Designed for initial size reduction of large, tough materials
- Equipped with replaceable hammers and breaker plates
- Often used as a first-stage crusher in multi-stage systems

**Applications:** Stone, Limestone, Clinkers

## Features & Benefits

- Fully customizable configurations based on material and throughput
- Optional abrasion-resistant components for longer wear life
- Integrated discharge options: pneumatic or gravity
- Compatible with dust collection and material handling systems

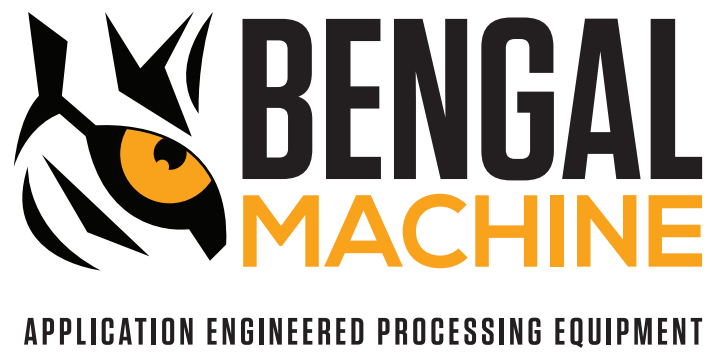
## Experience and Expertise

Schutte Hammermill has been at the forefront of size reduction technology for nearly 100 years. Our extensive knowledge and innovative solutions have made us a trusted partner in industrial processing applications.

## Let's Talk About Your Application

Schutte Hammermill engineers each system to meet your material, throughput, and size reduction goals. Contact us today for a quote or to discuss your process.

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