

HP High Performance Hammer Mills

Industrial Grinding Solutions for Feed & Grain Processing



The name you know, experience you trust



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Engineered for Performance in High-Capacity Processing Environments

The CSE Bliss HP Hammer Mill is designed to deliver reliable, high-capacity grinding for demanding feed and grain and pet food processing applications. Built for continuous operation, the HP Mill provides consistent particle size reduction, efficient throughput, and long-term durability in commercial production environments.

From feed mills to pet food manufacturers and large-scale agricultural operations, the HP Hammer Mill supports efficient material preparation for mixing, pelleting, and downstream processing.

Built for Consistency, Designed for Throughput

In feed and grain processing, consistent particle size is critical to product quality and operational efficiency. The HP Hammer Mill is engineered to deliver uniform grinding performance across a wide range of materials, helping processors maintain reliable production and consistent results.

Key advantages

- **High-Capacity Design**
Engineered for large-scale feed mills and agricultural processing facilities.
- **Precision Particle Size Control**
Delivers consistent, uniform grinding for reliable downstream performance.
- **Industrial Construction**
Built to withstand continuous operation in demanding environments.
- **Efficient Material Processing**
Optimized for performance across a wide range of grain and feed materials.
- **Service-Friendly Design**
Designed for ease of maintenance to reduce downtime and support long-term operation.

Applications

The HP Hammer Mill is ideal for a wide range of agricultural processing applications, including:

- Commercial feed milling
- Grain processing
- Pet food ingredient preparation
- Livestock and poultry feed production
- Large-scale agricultural operations

Built for Industrial-Scale Processing

The HP Hammer Mill is designed for operations that require more than standard equipment. It delivers the performance and durability needed to support:

- high-volume production
- continuous operation
- consistent product quality

Why Size Reduction Matters in Feed Processing

Proper grinding plays a critical role in feed production. The HP Hammer Mill helps improve:

- **Feed and Pet Food Digestibility**
Increased surface area allows livestock and poultry to absorb nutrients more efficiently.
- **Mixing Consistency**
Uniform particle size ensures even distribution of ingredients throughout feed formulations.
- **Pellet Quality**
Consistent grinding improves pellet durability and reduces fines during handling.
- **Production Efficiency**
Reliable performance supports steady throughput and minimizes downtime.



The HP Hammer Mill is a key component within a complete feed processing system. When integrated with pelleting systems, feeders, and cooling equipment, it supports efficient, high-volume production. CSE Bliss provides solutions that work together to support consistent material preparation, efficient pelleting operations, and reliable system performance for industrial scale processing.



Key Features of the HP Hammer Mill:

Housings:

- The housings are made of heavy duty 3/8" - 1" A36 steel plate
- Reduced noise level
- The housings are made to remove the rotor from the side without removing bearings

Doors:

- Doors that slide easily out of the way
- Full access to the grinding chamber
- Made from 3/8" thick A-36 plate

Bearings:

- CSE Bliss hammer mills come standard with Dodge Imperial Bearings – two pieces that house a spherical roller bearing with a taper lock to secure the bearing to the shaft.

Rotors:

- Rotors are machined and balanced with spanner nuts.
- Rotors are precision balanced and tested, ensuring a problem free startup.

Spring Loaded Screen Carriages:

- Laser cut for a precision fit to the wear plate.
- Made to last longer and hold shape.

Options:

- Auto directional gate.
- Vibration switch.
- Door safety interlock switches.
- Rubber vibration isolation pads.

Partner with CSE Bliss

CSE Bliss provides industrial grinding solutions designed to meet the demands of modern feed and grain processing. Contact our team to learn more about the HP Hammer Mill and how it can support your operation.

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CSE Bliss is a proud member of the Bengal Machine Family of Equipment Manufacturers



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