The P Series Hammermill is ideal for lower capacity grinds that require medium to fine particle size reduction. The P-Series Mill can also be used on all free flowing granular materials and products containing oil and fat. A unique feature of this mill is that it is not dependent on venting air. There is an internal air circulation which vents the mill on its own.

Unique Features of the P Series Mill:
- Reversible Tear-drop shaped 360 degree screen for increased capacity.
- Overhung rotor design offers quick and easy access to the screen, hammers and the rotor assembly.
- The hammer to screen tolerance is 9/16" offering minimal screen buildup and maximum output.
- Hammer tip speeds up to 21,600 feet per minute on our largest model.
- Unit features a Gravity Inlet with magnet or screw feeder to match your application.
- Top Center feed design or force feed option for meter feeding.

The XLT Hammermill is used for grinds that require medium to fine particle size reduction. It can be used on all free flowing granular materials which require size reduction.

Unique Features:
- Bi-directional rotation rotor
- Flat Bar Screen Carriage providing superior support and minimal screen obstruction.
- Quick Change Screen Carriage Design.
- Fully Reversible.
- Replaceable throat plates.
- Wear Liner Kits

Note on Screen Capacities:
- More screen capacities to be added in subsequent issue.
- Minimum Control units order 15%.
- Product specifications are subject to change without notice. Prices subject to change without notice. Photos are for visual reference only. Actual products may vary.
The MZH Hammermill is used for grinds that require medium to fine particle size reduction. It can be used on all free flowing granular materials and materials which contain high fat, oil or moisture. The range of products could be from flours, pet food, aquafeed and a like.

The serviceability of this machine matches its exceptional size reduction capabilities.

The Commander QC Hammermill Center Feed is used for grinds that require fine to extra fine particle size reduction. It can be used on all free flowing granular materials and materials which contain high fat, oil or moisture. The range of products could be from flours, pet food, aquafeed and a like.

The drive package is factory aligned to a Mono-Weld frame for accurate alignment of motor and mill. We use a direct drive coupling which offers exceptional alignment and reliability. The shaft bearings are of the highest industrial grade providing long life and reliability.

The MZH and Commander Hammermill Rotor Design

The Dual Rotation Multi-Zone Hammermill consist of a double-radius cutting plate with staggered slotted rows and offset rotor with 3-1/8” hammer to cutting plate clearance.

The cutting plates offer significant size reduction prior to the product contact to the screen making size reduction more effective.

We also use a use of Secondary Cutting Plate at the screen carriage discharge offering product flow interruption sending it back into the hammers path for further size reduction.

Since we are using cutting plates to perform a significant portion of the size reduction, we are able to use larger screen perforations. Larger hole allows thicker screens for extended screen life and reduced air venting volumes required.

The hammer tip speed is up to 19,200 feet per minute which gives optimum grinding performance when used in conjunction with our cutting plate system.

In conclusion, compared to other mills all of this offers you a higher pounds per horsepower per hour production or horsepower savings in production.

The drive package is factory aligned to a rigid tubular frame for accurate alignment of motor and mill. We use a direct drive coupling which offers for exceptional alignment and reliability. The stub shaft bearings are of the highest industrial grade providing long life and reliability.

The SERVICEABILITY OF THIS MACHINE MATCHES ITS EXCEPTIONAL SIZE REDUCTION CAPABILITIES:

Stainless Steel Pocket Feeder to Handle All Free Flowing Granular Materials. The Feeder Offers the Following:

- S16 rows to covering all our hammermill designs
- Adjustable gate for product blow by or FM Blow By
- Product flow magnet with stripper plate
- Pneumatic control or manual control magnet system
- Shaft mounted gear reduction drive (direct drive)
- Pocket liners for high fat low flow products
- Inlet Air Flow Control
- Full Rotor Removal from Drive end for service
- Collector Tray for tramp metals
- Adjustable gate for product blow by or FM Blow By

Additional Feed Options Available:

- Destoner bolt on option for MZH, XLT and Commander
- Inlet with magnet for MZH,XLT and Commander Screw feeder option available for light bulk density product

The use of hard faced cutting plates as the significant size reducer offers a very fine particle distribution which leads to a more uniform pellet.

The hammer to screen tolerances is 1/8” offering minimal screen buildup and increases product through the screen. In addition the staggered head rotor design offers full hammer to screen coverage.

The hammer tip speed is up to 22,600 feet per minute which gives optimum grinding performance when used in conjunction with our cutting plate system.

The MZH and Commander Hammermill Rotor Design

The design of our patented stub shaft rotor assembly is unique:

10 times stronger bending and torsional stiffness than conventional rotors.

18% lighter rotor, yet provides 18% greater stored kinetic energy

Increased diameter of spacer rings eliminates need for hammer bumper rods.

Stub shaft design allows for lower cost replacement

Hammermills need CFM in order to perform to their fullest potential so we offer the following options:

- Air discharge sub-base are designed for each of our models which includes an air velocity control damper.
- We have Bin-Vent System designed for each of our MZH Models.
- We provide the system less the product collector.
- We also have many alliances with Product Collector companies who can assist you.

The Dual Rotation Multi-Zone Hammermill consist of a double radius cutting plate with staggered slotted rows and offset rotor with 3-1/8” hammer to cutting plate clearance.

The cutting plates offer significant size reduction prior to the product contact to the screen making size reduction more effective.

We also use a use of Secondary Cutting Plate at the screen carriage discharge offering product flow interruption sending it back into the hammers path for further size reduction.

Since we are using cutting plates to perform a significant portion of the size reduction, we are able to use larger screen perforations. Larger hole allows thicker screens for extended screen life and reduced air venting volumes required.

The hammer tip speed is up to 19,200 feet per minute which gives optimum grinding performance when used in conjunction with our cutting plate system.

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