

## Hammer Mill



"HIND" HAMMER MILL is multi purpose economy mill, which can handle soft, medium hard, lumpy and irregular sized materials to produce coarse to medium fine powder.

### Applications

The HIND HAMMER MILL can be used for a wide range of applications in number of processing field. e.g. SPICES, Chillies, Coriander, Mix Masala, Ayurvedic Herbal, Food stuff, Maize, Cattle & Poultry feed, Tea, Coffee, Paper, Fish meal etc.

### Salient Features

- Simple & Sturdy Construction
- Improved Grinding Efficiency
- Low Specific Power Consumption
- Almost dust free operation
- Easy and Economical Maintenance
- Consistent and dependable Performance
- Low temperature rise for heat sensitive materials
- Retains flavor, taste & color to optimum level.

### Operating Principal

The feeding material to be crushed enters the mill through a gravity feed hopper having an adjustable slide to control the feed material. The material is crushed between the hammers/blades and serreted liners. The ground materials is continuously sucked by a powerful blower through a screen classifier and conveyed through the pipe into a Cyclone Drum for bagging. The blower maintains constant air flow in the grinding chamber in order to obtain a product and continuously cleans the screen. Particle size of ground material can be varied over a large range by using sieves with the desired opening.

## Pulverizing Process

To obtain coarse-medium fine powder with only two stage pulverizing operation using suitable size of Screen.

To obtain still fine powder to meet specific market demand, second stage operation is undertaken in Micro Pulverizer or Impact Air Swept mill.

## Technical Specifications

Mill Category	Screen Type					
Model Type	HM-8	HM-10	HM-14E	HM-14S	HM-20	HM-24
Motor Horse Power (H.P.)	2	3-5	7.5-10	10-15	15-20	25-30
Capacity (Kg/hr/operation upto)	10-25	25-50	50-75	60-100	100-200	150-260
Max. Permissible feed size (mm)	25	50	75	75	100	100
Fineness range	30 to 60 mesh B. S. S.					

## Note

- The Figure for capacity given above are for guidance only, and may vary from case to case, depending on many a factor.
- Illustration are to give an idea of the machine and are not binding us to details.
- All dimension and specifications subjects to change and alteration without prior notice due to constant up gradation.
- Capacity, fineness and ultimate results depends largely on physical & other properties of your feed materials information furnished in the specifications chart of this site is for general guidance.