

## Multi Mill (Belt Drive)



Ideal for Pharmaceuticals, Chemicals, Cosmetics, Ceramics, Colours, Dyestuff, Food products etc. It also finds application in Pesticides, Fertilizers, Spices, Detergents, Insecticides, Plastics and Resins industries



### Process :

**Multi Mill** is used for high speed granulation, pulverization, milling, shredding, chopping, size reduction of wide range of materials without any special attachment. As compared to four principals of size reduction i.e. grinding, compression, impact and shearing which often do not produce controlled size reduction this machine utilizes the principal of variable force swing hammer blades having both knife and impact edges rotating with carefully selected screen to control the size reduction.

Flow path of materials is streamlined during comminuting material entering the chamber travels to the periphery and passes though the screen tangentially and radially avoiding choking and temperature rise.

### Salient Features:

- cGMP model - with all contact parts AISI 316 & non contact parts AISI 304.
- High speed milling, granulating, pulverizing, mixing and size reduction of wet & dry material.
- High out put with process uniformity
- Easy removable contact parts for cleaning & inspection.
- Variable force by swing beater having knives & impact edges are rotating within screen.
- Direction of beaters can be changed by forward-reversible switch.
- Various combinations of perforated sieves & wire mesh.

### Optional Features:

- Inline milling process with HSMG and Sifter
- A/c frequency drive for variable speed
- Flame proof electricals.

### Technical Specification:

Model	DMMB 1HP	DMMB 3HP
Output in kgs / hr	5 to 50	25 to 200
Screen size mm	150 - ID x 95Ht.	260 - ID x 140Ht.
Charging height mm.	1070	1550
Discharging height mm.	500	750
Rotor Speed RPM	750/1500/2300/3000	
Electric Motor HP / kW	1.0/0.75	3.0/2.2

\*Depends on mesh size and product characteristics.

## Dumra MACHINES

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