

# MULTI MILL

Dust Contained Milling System



CE

**TAPASYA**

TAP Multi mill is used for high speed **Granulating, Pulverising, Mixing, Shredding and Chopping**, etc, of a wide range of wet and dry materials without special attachments. This machine utilises the principle of variable force swing hammer blades having both knife and impact edges rotating with a carefully selected screen to control size reduction.

Flow path of material in vertical rotor machine is streamlined. During comminuting, material entering the chamber travels to the periphery and passes through the screen tangentially and radially avoiding chocking and temperature rise.

## SALIENT FEATURES

- Machine Portable on Castor wheels
- High output with Process uniformity
- All contact parts are in SS 316
- Direction of the Blade rotation can be changed using a Reversing switch for Hammer or Knife operation
- Multiple combinations of Screens / Speeds / Number of Blades / Direction of blade rotation for every Product type
- Higher Screen opening area for Higher Throughput
- Easy Dismantling and Cleaning of all Components reducing Production Downtime and increasing Productivity
- Wide range of SS perforated and Wire knitted screen available for every Product type
- Minimal material handling resulting in Total Dust free operation
- Additional perforated screen at the bottom of pulverising chamber ensuring Higher Fineness and Controlled Size of Granules
- Built in Variable Frequency Drive for multiple speeds



## APPLICATIONS

Chemicals, Pharmaceuticals, dyestuff, colours, ceramics, food products, cosmetics, pesticides, fertilizers, plastics, spices, bakeries, resins, insecticides, etc.

## TECHNICAL SPECIFICATION

Motor	: 3 HP/1440 RPM/415 V TEFC 50 c/s AC
Charging Ht.	: 1525 approx.
Starter	: Reversible DOL
Discharge Ht.	: 650 approx.
Rotor Assembly dia.	: 250 mm approx
Rotor Speeds	: 2880 RPM
Blades	: 12 with knife & Impact edges and 2 scraper blades
Foundation	: Not required
Screen sizes	: i) Perforated 1 to 25 mm ii) Wire mesh 4 to 200 mesh.
Overall Dimension	: 880mm L x 775mm W x 1700mm Ht.
Net Wt.	: 250 Kgs.
Gross Wt.	: 475 Kgs.



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