



PharmaChem Cosmetics Industries

WE MANUFACTURERS MACHINERY & EQUIPMENTS FOR PHARMACEUTICAL, BIO PHARMA, BULK DRUG, FORMULATION, API, AYURVEDIC, HERBAL, FOOD, COSMETIC, CHEMICAL & BEVERAGES INDUSTRIES.

9 B / 14, RAM NAGAR, PREMSAMBANDH CHS, NEAR ASHOK NAGAR ROAD, BHANDUP - EAST, MUMBAI 400 042

SALES : +91 836 952 4009

WEB : www.PharmaceuticalMachineMumbai.com

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MULTI MILL

Multi mill is a self contained portable unit useful for high speed Granulating, Pulverising, Mixing, Shredding, Chopping etc., a widerange of wet & dry materials without special attachments. As compared to the four common principles of size reduction, this machine utilizes the principle of variable force swing hammer blades having both knife and impact edges rotating with a carefully selected screen to control of reduction. Flow path of material in vertical rotormachine is streamlined. During comminuting, material entering the chamber travels to the periphery and passes through the screen tangentially and radially along choking and rise in temperature.

SPECIAL FEATURES

- All contact parts Ss304 / 316 / 316L AISI quality
« Machine rated for continuous operation.
- High output with process uniformity.
- Direction of blade rotation by reversing switch.
- Various combinations of screens / speeds / number of blades / direction of rotation blade, can be selected.
- High screen opening area for higher through.
- All contact parts can easily be dismantled and cleaned for change of product.
Wide range of SS perforated and wire knitted screen available.
- Dust free operation.
- Additional perforated screen at the bottom of pulverizing chamber of eliminate higher percentage of fines and control granule size more effectively and obtain higher outputs.
- Machine portable on castor wheels.



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Motor	3 HP / 5 HP / 7.5 HP x 1440 rpm / 415V/3PH/50 CS AC (FLP Optional)
Starter	Reversible DOL
Rotor Speed	750 - 1500 - 2100 - 3000 RPM (Approx.)
Blades	12 HALFSWING KNIFE and IMPACT EDGES (FULL SIWING optional) with 2 scrapper Blades
Screen Sizes	0.5 to 25 mm S.S. Perforated 4 to 100 wire knitted mesh with backup frame.
Product Charging Height	1525 mm (approx) from ground
Net Weight	250 Kgs. (approx.)
Gross Weight	400Kgs. (approx.)
Over All Dimensions	900mm x 800mm x 1700mm





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Multi mill is used for high speed Granulating, Pulverizing, Mixing, Shredding and Chopping, etc. of a wide range of wet and dry materials without special attachments.

Multi mill operates on the principle of variable force swing beaters having both knife and impact edges rotating within a selected screen to get the required size reduction. Material fed in the hopper, goes down to the processing chamber where it moves to the periphery and passes through the screen radially and tangentially avoiding chocking and temperature rise. Finally the processed material gets collected in the container kept below the processing chamber.

Output and quality of the final product depends on three main factors:

- Shape of beaters (knife/impact edges)
- Speed
- Screen

FEATURES

- Machine Portable on Castor wheels, High output with Process uniformity, All contact parts are in SS 316, Built in Variable Frequency Drive for multiple speeds
- 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, Minimal material handling resulting in Total Dust free operation
- 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
- Additional perforated screen at the bottom of pulverizing chamber ensuring Higher Fineness and Controlled Size of Granules