

## *Oscillating Granulator*



The granules making machine. This machine is made for efficient and uniform granulation of dry and wet lumps of powder.

- Main structure main structure of granules making machine fabricated from high grade Stainless steel for GMP compliance complete body is mounted on a strong stainless steel base for sturdiness.
- Powder Hopper: A 35 liter gross volume hopper is provided for feeding sufficient material for process.
- Rotary Assembly: The horizontal rotor assembly consists of stainless steel 304 GR. Hexagonal rods and S.S. plate with a main rotor shaft of 25mm dia S.S. the newly designed of the rotor is such that it gives the perfect and homogenous granulation of the material. This rotor oscillates (alternately rotates in clockwise and anti clockwise direction) at approximately 48rpm.
- Capacity: Actual output capacity of Granules Making Machine depends upon the nature and bulk density of powder, as well as operator skill.
- Grill Cover: Grill type removable cover is provided inside hopper. This grill cover protects operator from oscillating rotor and also prevents any accidental dropping of scoop etc inside operating chamber
- Driving Arrangement: A TEFC electric motor of 0.75 kw power to run on 415 volts, 3 phase, 50 Hz, A.C. (other voltage on request) is provided along with a suitable reducing gear box to get final rotating speed of 48 rpm. A D.O.L. or Star "Delta" type starter will also be provided.
- Discharge: Discharge from the Granules Making Machine can be collected on trays (not provided with machine) that are placed on trays bars provided underneath the operating chamber.

Hopper capacity	35 ltrs.
Screen size	440 x 600 mm
Rotor size	140mm x 425mm long
Oscillations	48 per minute. (Depends upon material & screen)
Output	50-200 kg/hour
Moc ss	316q
Charging height charging height:	1280 mm
Discharge height	850 mm
Power supply	1 hp, 1440 rpm, 440v, 3 phase,
Over all dimensions	844mm w x 900 d x 1285 h
Motor	1 hp, 0.75kw, 1440 rpm, 415v, 3 phases
Net weight	200 kg
Gross weight	290 kg.