Theory of Operation

Agglomerates, fed through top inlet hopper, flow by gravity into the granulating chamber. The principal of PMS granulating operation is to apply continuous shearing force to press out granules through wire net (dry granulation) or cylindrical shredder (wet granulation). The refined particles are subsequently presented through bottom discharge port into your product container.

Application

- Pharmaceuticals
- Cosmetics
- Food
- Chemical
- Pigment
- Agricultural products
- Herbal products

Benefit

- cGMP Compliance
- Efficient and Economical
- Short processing time
- Reproducibility of product quality
- Minimum Fine particles generated from Dry granulation
- Easy to operate, clean and maintenance
- Quick change between dry and wet granulation head
- Durable machine components
Standard Features

- **Main machine unit**
  - Overall dimension: W = 780 mm., L = 1,200 mm., H = 1,050 mm.
  - Driving Unit: 2 HP., 3 Phases, 50 Hz, 4 Poles,
  - Helical geared motor cover with Stainless steel 304 cabinet
  - Moveable stand made of SUS
  - Central electrical controller

- **Wet granulation head set**
  - Dimension: W = 330 mm., L = 420 mm., H = 430 mm.
  - Cover, Hopper, Housing, and blade made of Stainless steel 304
  - One set of Cylinder sieve made of Stainless steel 304,
    mesh size 2 mm., 4 mm. and 5 mm.

- **Dry granulation head set**
  - Dimension: W = 280 mm., L = 400., H = 580 mm.
  - Cover, Hopper, Housing, and blade made of Stainless steel 304
  - One set of Curved sieve for dry granulation made of Stainless steel 304,
    mesh size #8, #12 and #16.

- **Movable Stand made of Stainless steel 304**

- **Central Electrical Controller**

Dry Granulator Head

Wet Granulator Head

**Option (upon request)**

- Clamp connection for in-line operation: inlet or outlet
  (optional upon request)

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