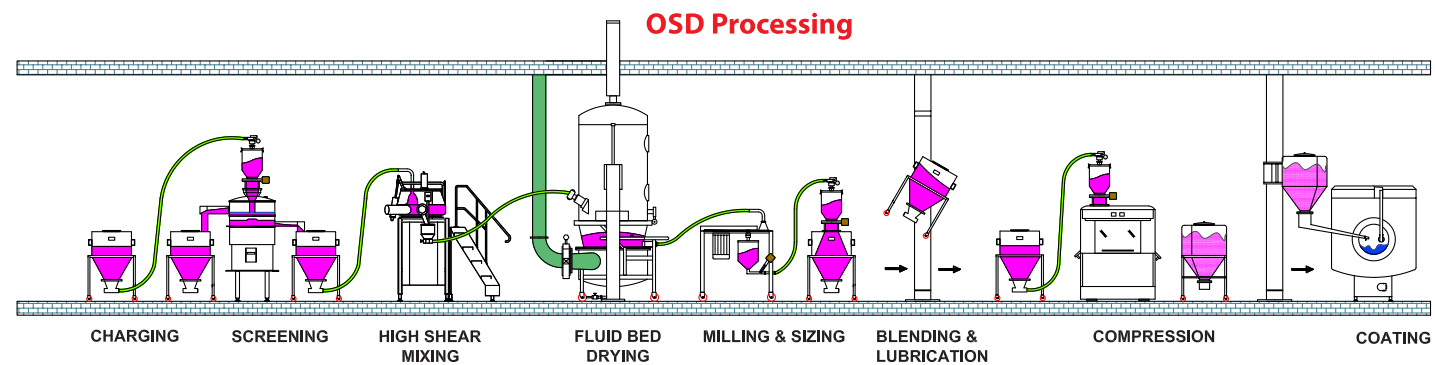




Entire range of OSD granulation and Auto coating equipment covering range of:

- R & D scale from 0.1 kg to 5 kg
 - Pilot scale from 5 kg to 15 kg
 - Production scale 30 kg to 500 kg
-
- **Rapid Mixer Granulator**
 - **Vibro Sifter**
 - **Fluid Bed Dryer, Processor and Coater**
 - **Rotocone Vacuum Dryer**
 - **Wet and Dry Mills**
 - **Bin Blender, Double Cone Blender & Octagonal Blender**
 - **Paste Preparation Vessel**
 - **Auto Tablet Coating System**
 - **Vacuum Transfer System**
 - **Roll Compactor**
- **Turnkey Solutions for Ointment / Oral Liquid Preparation & Filling is also available.**



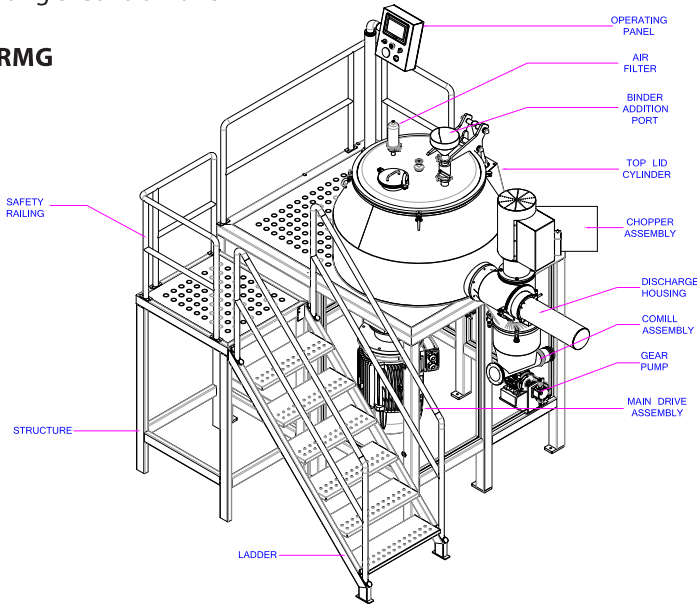
Rapid Mixer Granulator is one of the most important equipment in wet granulation process of tablet manufacturing. RMG is used for homogeneous mixing of all raw materials using binder solutions to achieve proper bonding between particles. RMG is widely used in pharmaceutical industry for blending, massing and granulating at faster production rate.

Mechanical agitation by different axial impeller and a chopper at respectively lower and higher speed is used for mixing, densification and agglomeration of wetted raw materials. This results in to uniform quality of tablets at faster compression speed and very low rejection rate later.

An entire assembly of RMG consists of:

- Product bowl with top lid & pneumatic product discharge assembly
- Impeller & Chopper assemblies with their drives
- Main Structure
- Ladder & Railings
- Operating & Control Panel

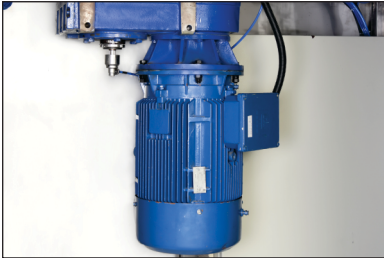
GA of RMG



Top Lid



Impeller & Chopper



Main Drive



Pneumatic Lid Opening



Pneumatic Discharge

Salient Features:

- In compliance with cGMP guidelines
- All contact parts are made of SS 316
- Direct gear drive for impeller blade
- ACVFD for impeller and chopper motors
- Pneumatic product discharge
- Pneumatic top lid opening
- Perfectly engineered impeller & chopper for uniform and homogenous mixing of substances
- Shorter mixing and granulating time
- Air purging arrangement for impeller and chopper seals
- Designed for optimum use of bowl capacity
- Effective sealing for leak proof operation
- Easy to clean & maintain

Optional Features:

- PLC based operations with color HMI
- Inline Co-Mill
- Flameproof (FLP) motors
- Binder spraying system
- CIP System
- Jacketed Bowl with temperature controller
- Compliance as per 21CFR PART11

Technical Specifications:

MODEL	Gross Capacity in (Ltrs.)	Working Capacity in (Ltrs.)	Working Capacity in (Kgs.)	Main Motor HP (1440 RPM)	Chopper Motor HP (2800 RPM)	Gear Box Ratio
RMG-50	60	40	20	7.5	3	10:01
RMG-100	125	80	40	10	3	10:01
RMG-150	170	120	60	15	3	10:01
RMG-250	280	200	100	30	5	10:01
RMG-300	335	240	120	30	5	10:01
RMG-400	450	320	160	40	7.5	10:01
RMG-600	675	480	240	50	7.5	10:01
RMG-700	785	560	280	50	10	10:01
RMG-800	895	640	320	60	10	10:01
RMG-1000	1120	800	400	90	15	10:01
RMG-1200	1345	960	480	100	15	10:01