

RAPID MIXER GRANULATOR :**Description :**

The Mixer is designed to meet special needs of tablet manufacturing technology. Unique design of Impeller reduces the process time as well as more homogenous mixing also uniformity in granule size. It is manufactured maintaining improved hygienic standards within the highest cGMP norms.

Main Impeller:

Main Impeller maximizes micro-mixing of ingredients by effecting optimal diffusion, convection & shears irrespective of varying bulk densities, both during dry & wet mixing.

Discharge:

Empty out the granules from main bowl in shortest time opening the discharge port.

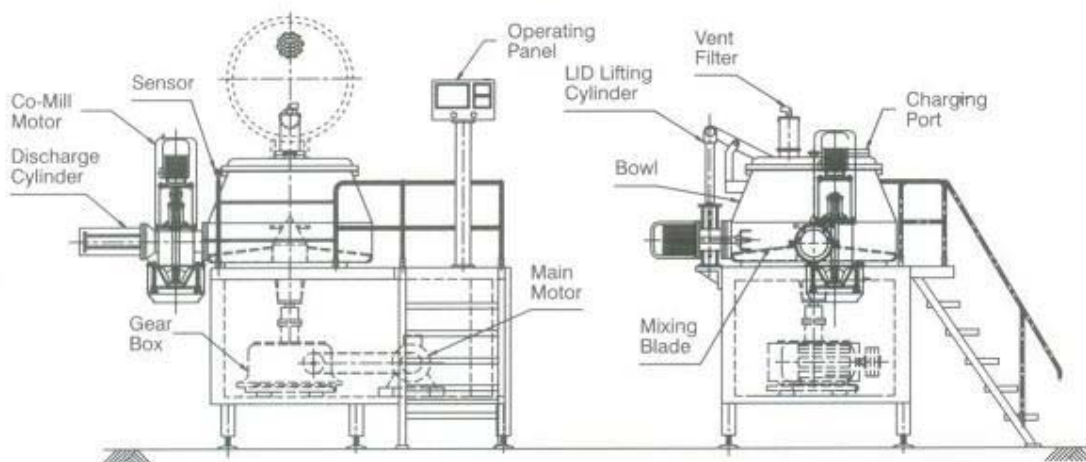
Unique Design of Chopper: Ensure effective delumping of oversized agglomerates distribution of binder fluid and ideal compaction of granules.

Salient Features:

- Different Models are available depending upon capacities
- Unique design & constructional features for maximum yield.
- Minimum energy consumption.
- Flexibility in layout to suite production requirement.
- Optional dry blending & wet granulation for high density wet Granulate
- Optional WIP & automation to confirm with cGMP norms
- WIP, binder feed delivery, powder lodging system optional
- Optional standard model/GMP Model / FLP construction
- Validation services including comprehensive IQ / OQ / DQ documentation for regulatory compliance.
- Operational controls available Electrical / Microprocessor / PLC system.

Technical Data:

Model	Gross Capacity	Working Capacity	Batch Size in KGS	Main Motor HP/RPM	Chopper Motor HP/RPM	Mixer RPM	Granulator RPM
MG 25	25 L	16 L	5 – 10	3/5HP/750/1500	1/1.5HP/1500/3000	75/150	1500/3000
MG 100	100 L	80 L	20 – 30	7.5/10HP/750/1500	2/3HP/1500/3000	75/150	1500/3000
MG 150	150 L	120 L	30 – 60	10/12.5HP/750/1500	3/4HP/1500/3000	75/150	1500/3000
MG 250	250L	220 L	50 – 100	20/30HP/750/1500	3/5HP/1500/3000	75/150	1500/3000
MG 400	400 L	360 L	75 – 150	30/40HP/750/1500	5/7.5HP/1500/3000	60/120	1500/3000
MG 600	600 L	520 L	125 – 250	40/50HP/750/1500	5/7.5HP/1500/3000	60/120	1500/3000
MG 1000	1000 L	800 L	200 - 400	63/85HP/750/1500	10/15HP/1500/3000	60/120	1500/3000



Note : Images Shown here are illustrative. As the design & manufacturing of Machines are subject to improvement, the product supplied will be as per our Techno-Commercial offer.