

RMG-series High Shear Mixer Granulator



RAPIDMIX – High Shear Mixer Granulator has been developed for mixing of ingredients as well as wet granulation. The multi-bladed impeller is fitted close to the base of the mixing bowl whereas the chopper is mounted on the wall of the mixing bowl. Both the impeller & the chopper have dual-speed options for gently distributing the binder solution as it is added and creating the vortex of the material being mixed.

Salient Features

- Design and finish comply with cGMP standards.
- Contact parts in SS 316 ISS 316L can be provided as per user requirement.
- Motorised lifting arrangement for main impeller can be provided as an option.
- WIP Manifold (spray ball arrangement) for washing product contact surfaces.
- Specially designed impeller blades to optimize high speed can be provided as an option.
- Precision engineering to minimize clearance between bowl and impeller.
- Machine is supplied with standard manual controls.
- Programmable Logic Control with Human Machine Interface for the visual display of the operating parameters can be provided as an option.
- Variable Frequency Drive for Impeller & Chopper can be provided as an option.
- Specially designed air-purged cGMP shaft seals.
- Jacketed Bowl Provision can be provided as an option.
- Flame-proof construction can be provided as an option.
- In line Com ill can be provided as an option.
- Torque Meter can be provided as an option.

Technical Parameters

Model	RMG 25	RMG 50	RMG 75	RMG 100	RMG 150	RMG 250	RMG 400	RMG 600	RMG 800	RMG 1000	RMG 1200
Gross Capacity (Max. ltrs.)	25	50	75	100	150	250	400	600	800	1000	1200