

RAPID MIXER GRANULATOR



Our Rapid Mixer Granulators are designed to meet the special needs of tablet manufacturing technology. Its unique impeller reduces process time and also ensures homogenous mixing while maintaining uniform granule size.

Key Features

GMP Compliant

It's designed to achieve all the requirements of cGMP. The components can be easily dismantled, cleaned thoroughly and assembled in quick time.

Versatile Main Impeller

The main impeller maximises macro and micro-mixing by effecting optimal diffusion, convection and shears. It works irrespective of bulk density, for both dry & wet mixing.





Unique Design of Chopper

It ensures effective de-lumping of oversized agglomerates, distribution of binder fluids and ideal compacting of granules.

Easy Discharge Mechanism

You can empty out the granules from main bowl in shortest time by opening the discharge port.



Other Standard Features

- Minimum energy consumption
- Flexibility in layout to suit your requirement

Optional Features

- Dry Blending & Wet Granulation for high density wet granules
- WIP and automation for conform with CGMP norms
- Binder feed delivery
- Powder loading system
- Standard model / GMP model / FLP construction
- Operational controls: Electricals / Micro-processor / PLC system
- Validation services including comprehensive IQ / OQ/ DQ documentation

Technical Details

| | GROSS CAPACITY | | BATCHSIZE (IN KGS) | | OR | | | | CHOPPERMOTOR | | | | | | | |
|---------|----------------|------|--------------------|-----|-----|------|-----|------|--------------|-----|------|------|----|-----|------|------|
| | | | | | | | | | HP | | RPM | | | | | |
| RMG 25 | 25L | 16L | 5 | 10 | 3 | 5 | 750 | 1500 | 1 | 1.5 | 1500 | 3000 | 75 | 150 | 1500 | 3000 |
| RMG 100 | 100L | 80L | 20 | 30 | 7.5 | 10 | 750 | 1500 | 2 | 3.0 | 1500 | 3000 | 75 | 150 | 1500 | 3000 |
| RMG 150 | 150L | 120L | 30 | 60 | 10 | 12.5 | 750 | 1500 | 3 | 4.0 | 1500 | 3000 | 75 | 150 | 1500 | 3000 |
| RMG 250 | 250L | 220L | 50 | 100 | 20 | 30 | 750 | 1500 | 3 | 5.0 | 1500 | 3000 | 75 | 150 | 1500 | 3000 |
| RMG 400 | 400L | 360L | 75 | 150 | 30 | 40 | 750 | 1500 | 5 | 7.5 | 1500 | 3000 | 60 | 120 | 1500 | 3000 |
| RMG 600 | 600L | 520L | 125 | 250 | 40 | 50 | 750 | 1500 | 5 | 7.5 | 1500 | 3000 | 60 | 120 | 1500 | 3000 |
| RMG1000 | 1000L | 800L | 200 | 400 | 63 | 85 | 750 | 1500 | 10 | 15 | 1500 | 3000 | 60 | 120 | 1500 | 3000 |