



JD INDUSTRIES

Mfrs. of Pharma, Bulk & Food Processing Equipments

AN ISO 9001 : 2015 CERTIFIED COMPANY

www.jdindustries.net



ABOUT US

JD Industries is having a 18yrs of experience in the field of PHARMA & BULK EQUIPMENTS , our company having a successful experience with new technologies, innovations, new idealization & implementation.

Our Company is equipped with high end infrastructure spread across 4000 sq.ft. of property includes sophisticated machineries, a state-of-the-art engineering and assembly department having a tool room section, a machining section, a drawing/designer's section, testing equipments.

“JD Industries” presents all Engineer Excellence for Innovation, by delivering optimum quality at best price. JD Industries manufactures different types of machines which include Pharma, Bulk, Cosmetic, Chemical, Agri and Aqua, Food Processing Machinery. The company is known for innovative manufacturer for processing system for drying, granulating, mixing, milling, size reducing, blending, coating, stirring & homogenizing units.

VISION: Our vision is to carve our self as one of the most dynamic and customer centric companies, where people can rely and discover all types of processing and Blending machineries. We endeavor to explore our efficiency in all ways to give the best products to our customers beyond their expectations in terms of wide range of selection, the lowest prices, prompt delivery and wonderful quality product experience to the buyers.

MISSION: Our each product is uniquely designed to meet our client's expectations. Our mission is very clear to serve customers by providing real essence of modern dynamics coupled with the advanced technology. We are continuously on the growth path to evaluate our machines.

RAPID MIXER GRANULATOR - RMG



The High Shear Mixer Granulator used for process of fast dry & wet mixing, homogenizing, humidifying and granulating of the powder in Pharmaceutical, Chemical, Cosmetic, Food, Plastic, General Mixing Industries. High Shear Mixer Granulator series is characterized by the compact construction, modern design and user-friendly maintenance attributes which form the ergonomics design aspects are essential for a wide range of application.

The High Shear Mixer Granulator performs dry mixing & wet granulating by basic design of the special four arm of the mixing impeller and sequences of the mixing process in the cylindrical mixing drum with rounded connection to the base plate, achieve another special effect.

SALIENT FEATURES

- High speed mixing & granulating
- Design is cGMP - Current Good Manufacturing Practices compliance
- All Product contact parts AISI 316 & non contact parts AISI 304.
- Automated maxing and granulating process in single bowl.
- High Precision mixing and granulation with Short Batch Time, Problem free Cleaning and Residue Free Discharge.
- Unique design with four arm mixing impeller with blade angle to pushing product radically outward.



OPTIONAL FEATURES

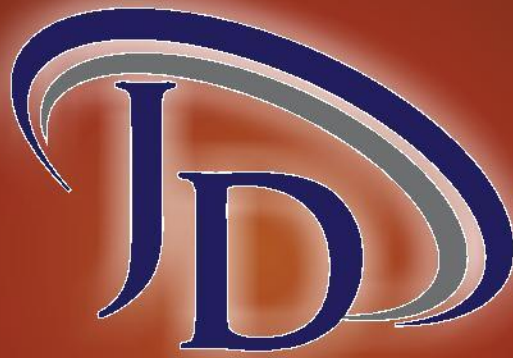
- PLC Controls with HMI touch screen,
- Inline Milling at discharge,
- Variable speed drive for main impeller and chopper.
- Product bowl Jacketing for heating/ cooling and vacuumized mixing process.
- Binder adding by spraying system with peristaltic pump.
- Material charging by bin loader with IBC.

SAFETY FEATURES

- Total drive transmission system enclosed
- Limit switch installed in the top lid ensure lid is closed
- Air pressure switch installed to ensure pressure is in limit.
- Limit switch installed at discharge to ensure product container underneath of discharge.
- Overload relay Protection and Emergency stop button

Technical Specification

Model	Gross Capacity In Litre(s)	Working Capacity In Litre(s)	Loading Capacity In Kg.	Mixing Impeller Motor HP- Dual	Mixing Impeller speed RPM- Dual	Chopper Motor HP- Dual	Chopper speed RPM- Dual
JDI/RMG-50	50	40	20				
JDI/RMG-100	100	80	40				
JDI/RMG-150	150	120	60				
JDI/RMG-300	300	240	120				
JDI/RMG-400	400	320	160	Please contact us for more details.			
JDI/RMG-600	600	500	250				
JDI/RMG-750	750	600	300				
JDI/RMG-1000	1000	800	400				
JDI/RMG-1200	1200	1000	500				



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