



MG-series High Speed Mixer Granulator



PMS Mixer® is a high-speed mixer granulator (HSMG) that combines multiple functions, including mixing, dispersing, and high-shear granulating, into a single operation with optimal cycle times. This innovative machine is designed to meet the demands of today's fast-paced production environments, offering an efficient and cost-effective solution for a wide range of applications.

With this mixer, dry mixing can be accomplished as rapid as 1-3 minutes, while wet granulation can be performed within 3-6 minutes, ensuring maximum productivity and efficiency. All ingredients are blended thoroughly and uniformly, resulting in a consistent product. The unique design of the mixer granulator also minimizes product loss, making it an ideal solution for industries where product waste must be kept to a minimum. The machines are available in a range of sizes, from laboratory-scale models up to large-scale production units, making it a versatile choice for companies of all sizes.

The PMS Mixer® utilizes a conical mixing bowl design, ensuring complete separation of product contact parts from driving components. All product-contacting parts are constructed of high-quality stainless steel SUS 316, and are mirror polished to maintain hygienic standards. A pneumatically operated seal between the mixing bowl and lid, along with air purge labyrinth seals between the bowl and shafts, provides a dust-tight operation.

APPLICATION

- Pharmaceuticals: Wet Granulation of Active Ingredients & Excipients, Granulation for Herbal Medicines, Mixing and Granulation of Dry Powder Inhaler Formulations, Preparation of Instant Granules for Effervescent Tablets and Dissolvable Films
- Cosmetics: Mixing and Granulating for Face Powder, Body Powder (Talcum & Corn Powder), Eye Shadow, Brush on, Two Way Powder

- ## Technical Parameters

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