

GR™ Powder Granulators



The GR™ Powder Granulator contains four oscillating granulators that can handle a powder capacity of 30 kg to 300 kg, making the series a complete solution for users ranging from small research teams all the way up to large commercial manufacturers. Each of the granulating machines provides a convenient and cost effective way of turning powders into granules. Suitable for dry granulation, these machines can also be used for breaking down agglomerates into granules.

Each GR™ Granulator works on the same principle, involving an oscillating metal cylinder that acts against an easily changed metal mesh. With powerful motors, adjustable speed, and carefully engineered oscillation for maximum efficiency and minimum energy requirement, these machines produce granular materials of the highest quality and consistency. Popular choices for companies in the pharmaceutical, chemical, food, and ceramics industries, all the granulators in the series are built from stainless steel and are constructed to meet GMP standards. They are simple to operate and maintain and easy to clean. Rugged and durable with minimal maintenance needs, the GR™ Granulator series will provide reliable operation for many years into the future

Main Benefits of the GR™ Granulator

- Engineered from stainless steel for durability and hygiene
- Built to meet GMP standards
- Carefully engineered oscillating motion for consistent, homogeneous granules
- Adjustable speed
- Rugged motors that require little maintenance
- Easily changed metal mesh
- Suitable for food use, chemical production, tableting, ceramics and many other applications
- Suitable for dry granulation
- High capacity
- Low energy consumption
- Easy to use with no special training required

Specifications

Product	Capacity (kg/h)	Rotation angle	Rotation speed (r/min)	Rotor diameter (mm)	Power USA	Power UK	Dimensions (mm)	Machine weight (kg)
GR 60	20-30	360°	46	60	110 V 1 phase 60 Hz	240 V 1 phase 50 Hz	460 x 550 x 5570	75.5
GR 90	50-100	360°	50	90	220 V 3 phase 60 Hz	415 V 3 phase 50 Hz	750 x 460 x 840	150
GR 100	30-200	360°	55	100	220 V 3 phase 60 Hz	415 V 3 phase 50 Hz	700 x 400 x 1050	280
GR 160	200-300	360°	55	160	220 V 3 phase 60 Hz	415 V 3 phase 50 Hz	970 x 560 x 1240	280