

ZL-300 Rotary Granulator



**EQUIPMENT
TECHNICAL PARAMETER**

南京翰洋智能设备有限公司
NANJING HANYOO PHARMATECH CO., LTD.



ZL-300 Rotary Granulator



MACHINE OVERVIEW

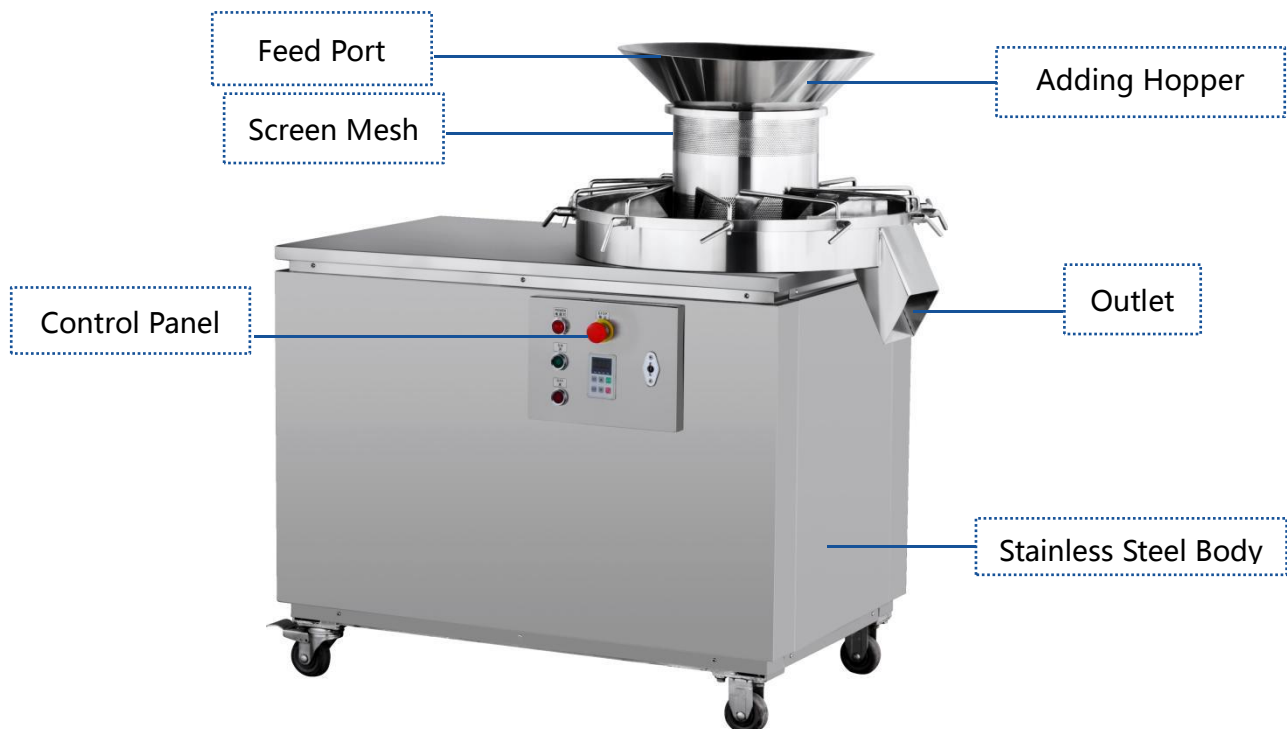
Mainly used for granulation in the pharmaceutical and food industries, such as granules and chicken essence.

Made of stainless steel, mainly composed of a rotating grinding blade, a screening cylinder, and a scraper. The material is squeezed out from the holes of the stainless steel sieve cylinder by a rolling knife, and at the same time, the extruded material is scraped off by a scraper on the periphery of the sieve cylinder to form particles.

EQUIPMENT FEATURES

- Its advantages are the use of a rotating material tray for feeding, equipped with a fixed length cutting knife, with an efficiency 2-3 times that of a swing granulator, and meeting standards, making it one of the ideal granulation equipment. Simple structure, easy operation, and convenient mobility. Automatic unloading compensates for the accumulation of material in the discharge of ZL type inclined hopper, and can be operated continuously. Some models can add a water cooling system for the batching tray. Suitable for semi dry powders and materials with certain viscosity, important granules, solid food beverages, chicken essence, etc.
- This machine adopts a specially designed planetary reduction mechanism, where the screen mesh and the whole grain knife rotate relative to each other, squeezing and rubbing the material between the whole grain knife and the screen cylinder, easily forming cylindrical strips from the mesh holes on the screen cylinder. When cut by the cutting knife outside the screen cylinder, uniformly sized and uniformly long particles are formed. The size and length of the particles are determined by the aperture of the screen cylinder mesh and the gap between the number of cutting blades.

PRODUCT STRUCTURE



TECHNICAL PARAMETER

MODEL	ZL-300
Grinding blade size (mm)	268
Granulation diameter (mm)	0.8 ~ 3
Motor power (kw)	7.5
Production capacity (kg/h)	150~500
Dimensions (mm)	1150×680×1250
Weight (kg)	450



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