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ZL Series Rotary Granulator



Application

ZL Rotary Granulator is mainly adopted in industries like pharmacy, food, instant granules, chemicals and solid beverage. The pre-mixed materials are produced into demanded particles and it is especially suitable for the materials having high viscosity.

Features

All sections contacting materials are made by stainless steel. This equipment is witnessed its high efficiency of granulation with fine particles. Its automatic material discharge is capable of avoiding particle damage caused by manual material discharge. For this reason, it is suitable for assembly line production.

Working principle

Through the gearbox of the reducer to change the speed and direction, the milling knife and the pressing blade are rotated in opposite directions. When pressing the material, the material is pressed down by the inclined plane. Through the centrifugal force and the curve thrust, the grinding knife squeezes the material out of the screen cylinder mesh. Press to form the desired particles.

TECHNICAL PARAMETERS

Size of milling knife(mm)	250	300B	300D
Particle Diameter(mm)	Φ2-2.2 be adjustable on request	Φ1.2-3 be adjustable on request	0.5-6 be adjustable on request
Motor Power(mm)	700×540×1300	880×640×1300	1300×800×1200
Motor Power (can be adjustable on request)(kw)	3	4	7.5-6
Weight(kg)	350	400	780
Yield(kg/h)	100-200	140-400	300-600

More Photos

