

Dry Granulator GZL-100



Granules produced by this machine can be used for making tablet, electuary and filling capsule in pharmaceutical, foodstuff, chemical and other industry. Especially for materials that can't be granulated by wet granulating. It also can be used together with spray dryer, mixer and so on.

Features

1. It adopts PLC and touch screen control, frequency converter and other systems. The speed can be adjusted freely within the specified range, and the operation is convenient and stable.
2. The advanced fault detection device will automatically protect and alarm when the working hydraulic system is abnormal or the host is overloaded.
3. The feeding structure of special stainless steel conical screw or nylon vertebra screw ensures efficient feeding.
4. The surface of the special stainless steel pressure roller is specially treated by gas nit riding technology. The surface of the roller has strong wear resistance and fatigue resistance, and has good corrosion resistance.
5. The roll water circulation cooling can be cooled by ordinary water cooling and forced cooling of the ice machine of the refrigerator to avoid the sticking phenomenon of the material.
6. The introduction of imported brand advanced hydraulic system, simple and reliable operation, high degree of automation.
7. The machine can be equipped with an oscillating/vibration sieve, water chiller and vacuum feeder.

Technical Parameter

Model No.	GZL-100
Capacity	30-100 kg/h (According to the material features)
Roller size (Diameter*width)	200*90mm
Granule specification	0.4-2mm
Pressure	40-120KN
Screw Feeding Speed	10-40rpm
Roller Speed	7.4-23rpm
Screw Feeding Power	1.5kw
Roller Power	4kw
Granulation Power	0.75kw
Weight	1250KG
Dimension	1400×1000×2080mm