



GTI-DG200 High Productivity Automatic Powder Pharmaceutical Dry Granulator Machine



Pharmaceutical dry granulator machine is a kind of environmental protection equipment with low investment, high efficiency, energy saving and no pollution. The process of compacting, forming, crushing and granulator of dry particles by mechanical extrusion is carried out by using the crystalline water of the material itself.

This machine is a brand new granulating equipment independently researched and developed by our company based on domestic and foreign market demand, fully absorbing foreign advanced technology and our company's existing products. The machine has the characteristics of compact structure, simple process, good air tightness, easy adjustment, easy disassembly, cleaning and maintenance, etc. It can effectively carry out dry granulation experiments and pilot tests on materials, and provide reasonable process parameters for later batch production.

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 intruding 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 Parameters:

Model	DG200
Max.Capacity(kg/h)	200
Roller Diameter(mm)	200
Roller Width(mm)	75
Roller max. RotationSpeed(rpm)	40
Screw feeder max.Rotation Speed(rpm)	150
Max.Work Pressure(KN/cm)	20
Roller max.Distance	5