

## *ZKG-Dry Granulator*



### **Applicability:**

1. Pharmacy: granules using at electuary, tablet, capsule filling etc.
2. Food industry: granules using at food, condiment etc.
3. Chemical industry and others: catalyst, pigment, abstergent etc.

### **Characteristics**

1. Adopting Touch screen, PLC, VVVF and MSMMI system that make machine can optionally adjust speed in rated range and operation convenient and stable.
2. Advanced fault detection device: when working hydraulic system is abnormal or devices (main machine etc.) overload, it will alarm.
3. Specific stainless steel auger screw and PA66 auger screw feeding system ensure the materials feeding effective and efficient.
4. The surface of stainless steel pinch roller is treated by nit riding technology, has stronger abrasive resistance, fatigue resistance and corrosion resistance.
5. The water circulation cooling of rollers can adopt water cooling or cold water compulsively cooling, avoid materials adhesion problem.
6. Using advanced import hydraulic system that easy to operate, stable, and have high automaticity.
7. Do not need any water or ethanol to be humectants, do not need re-dry, the dry compressing granulation have less working procedure and production cost but high efficiency.
8. The final products (granules) are uniform, high density, high flow and easy to control the parameters.
9. Sealed operation: no pollution, measure up pharmaceutical hygienic standard, specially apply to material granulation that wet granulation cannot solve.

**Technical parameters:**

Model	ZKG-100A/B
Production	≤100 kg/h
article Size	≤2mm
Particle Content	≤70%
Hydraulic Thrust	2×11T
Electrical Requirement	380V four wire three phase 10kw
Main Machine Size	1520mm×960mm×2080mm
Weight	1650kg