

Dry Compact Granulator



ZKG series dry granulation is to mix the prepared powder raw materials and add them to the hopper, through the double-cone unequal-distance feeding screw conveying and pre-compressing the upper part of the two extrusion wheels that are pushed. At this time, the material is under pressure on five sides. With the rotation of the extrusion wheel, the powder is squeezed into hard flakes under the force of the hydraulic system, and falls into the granulating mechanism from the bottom to be crushed into particles with a certain density. It can be directly used for tablet compression or capsule filling, eliminating the tedious process of granulating by other methods. Greatly reduce energy consumption.

The dry granulator has adjustable granular specifications and performance, and is automatically controlled by PLC. It can adapt to different requirements and improve the yield. It has the characteristics of high efficiency, convenient use and maintenance, low noise and good versatility. Widely used in: medicine, chemical industry, food and other fields.

Technical Parameters

Item	Unit	Model
		ZKG-10
Max. Capacity	Kg/h	5-15 (depend on material density)
Pellets specification	Mesh	10-80
Squeeze wheel specifications	mm	Φ100×35
Squeeze wheel rotate speed	r/min	0-20
Max. Oil Pressure	Mpa	12
Total Power	Kw	3
Overall Size	mm	760*800*1650
Weight	Kg	350