

FZ series Grinding and Granulating Machine



Pharmaceutical: Grinding raw materials, granulating wet and dry materials, unqualified tablets to be recycled can be granulated according to the requirement of granularity.

Foodstuff: Grinding of biscuit for recycling. Others: Grinding and granulating of rough raw material and lump material.

Principle of work

The materials to be processed enters into the feed inlet of grinding and granulating machine, drops into the conical sieve chamber. The rotary knife plays a whirling action to the material, and throws the granules into the sieve mesh surface by centrifugal force. Granules are ground into particles by the shearing action produced by the rotary knife and the sieve mesh, and discharged through the sieve apertures. The size of ground particles can be adjusted by the sieve mesh number, the gap between rotary knife and sieve mesh, and the rotary speed.

Features

1. Thoroughly solving the tough problem of material contaminated by the debris of worn sieve mesh in a pendulum-type granulating machine.
2. The unique patented shaft sealing technology ensures no leakage of lubrication oil.
3. Easy to control granularity.
4. No retention dead corner, no material overheating.
5. Less dust, no vibration, low noise.
6. High efficiency, energy saving, large production capacity.
7. Attractive appearance, easy to clean.
8. A-type machine apply to the work requirements of 100-grade workshop.

Technical Parameters

Model	FZ-150	FZ-300	FZ-450	FZ-700	FZ-1000
	FZB-150(A)	FZB-300(A)	FZB-450(A)	FZB-700(A)	FZB-1000(A)
Production capacity(kg/h)	15-150	30-300	45-450	70-700	100-1000
Granularity(mesh)	6-80				
Drive Seat Temperature Rise(° C)	<30				
Range of Speed Regulation (r/min)	FZ is single speed 2840				
	FZB Series frequency control 300-3600				
Motor Power (KW)	1.5	1.5	2.2	3	5.5
Overall Dimensions (mm)	720x445	810x445	920x445	1000x500	1100x600
	x1345	x1345	x1430	x1530	x1875
The height from ground to discharge mouth (mm)	650	650	690	690	700