

FZ150 Series Grinding and Granulating Machine



FZ series grinding and granulating machine is used in pharmaceutical, food, fine chemical processing industries. This machine reaches the world advanced level and conforms to the GMP specification. It is completely made of stainless steel material.

Usage:

Pharmacy:

- Granulating of wet material
- Granulating of dry material
- Unqualified tablets to be recycled can be granulated according to the requirement of granularity.

Food:

- Grinding of biscuit for recycling

Other:

- Grinding and granulating of rough raw material
- Grinding and granulating of lump raw material

Working principle:

The material to be processed enters into the conical working chamber via the feeding hopper. The rotating knife plays a whirling action to the material, and throws the grains to the sieve mesh surface. The material is ground by the shearing action produced by the rotating blade and the sieve mesh, and discharge through the sieve apertures. The grain size can be adjusted by the sieve mesh number, the gap between rotating knife and sieve mesh, and the speed of rotating knife. The means of adjustment is flexible, and the use is convenient.

Features:

- Thoroughly solving the tough problem of material contained by the debris of worn sieve mesh in a pendulum-type granulating machine.
- The unique patented shaft sealing technology ensures no leakage of lubrication oil.
- Easy to control granularity.
- No retention dead corner, no material overheating.
- Less dust, no vibration, low noise.
- High efficiency. Energy saving, large production capacity.
- Attractive appearance, easy to clean.

Technical Parameters:

Model	FZB-150(A)	FZB-300 (A)	FZB-450(A)	FZB-700 (A)	FZB-1000(A)
Power (kw)	1.5	1.5	2.2	3	5.5
Capacity of grinding and granulating (kg/h)	15-150	30-300	45-450	70-700	100-1000
Granularity	6-80mm				
Drive seat temperature rise	<30°C				
Range of speed regulation	FZ series 2800rpm FZB series 300-3600rpm				
Overall dimension (LxWxH) (mm)	720x445x1345	810x445x1345	920x445x1430	100x500x1530	1100x600x187
Height of discharge hopper from the ground level	650mm	650mm	690mm	690mm	700mm