

FZ Series Cone Mill



FZ Series cone mill 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.

Working principle:

The material 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 to the sieve mesh surface by centrifugal force. The granulates 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.

Usage:

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| Pharmacy | ——Grinding of raw material |
| | ——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 |
| Others | ——Grinding and granulating of rough raw material |
| | ——Grinding and granulating of lump raw material. |

Features:

- Thoroughly solving the tough problem of material contaminated by the debris of worn sieve mesh in a pendulum-type granulating machine.

- 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
- A-type machine apply to the work requirements of 100-grade workshop.

Technical Parameters

产品型号 Model	粉碎整粒能力 Capacity	粉碎粒度 Mesh size	调速范围 Mill speed	电机功率 Power	外形尺寸 Over all size	出料口径 / 高度 Unloading dia/H	整粒刀安装位置 Impeller location
	kg/h	目	rpm	kW	L×W×H m	mm	
FZB-150 (A)	15~150	6~80	300~3600	1.5	0.72×0.445×1.365	150/650	下部 Lower
FZB-300 (A)	30~300			1.5	0.72×0.445×1.365	150/650	
FZB-450 (A)	45~450			2.2	0.92×0.445×1.43	150/690	
FZB-700 (A)	70~700			3	1×0.5×1.53	180/690	
FZB-1000 (A)	100~1000		300~3000	5.5	1.1×0.6×1.9	300/700	
FZTS-100	10~100	6~40	300~1500	0.75	0.87×0.6×1.1	150/670	上部 Upper
FZTX-100							下部 Lower
FZTS-300	30~300			1.5	0.87×0.6×1.1	150/670	上部 Upper
FZTX-300							下部 Lower
FZTS-450	45~450			1.5	0.87×0.7×1.1	200/670	上部 Upper
FZTX-450							下部 Lower
FZTS-700	70~700			3	0.945×0.77×1.13	250/610	上部 Upper
FZTX-700							下部 Lower
FZTX-1000	100~1000			5.5	0.945×0.77×1.41	250/750	下部 Lower