

Cone Mill



Fritz/Cone Mill

FZ Series Fritz/Cone Mill are widely used in pharmaceutical, food, and fine chemical processing industries. It is completely made of high quality stainless steel and built strictly conformed to the current cGMP standard. It is one of the most necessary solid dosage processing equipment in re-sizing the granules, re-granulating unqualified tablets or retrieve powder from unqualified capsules

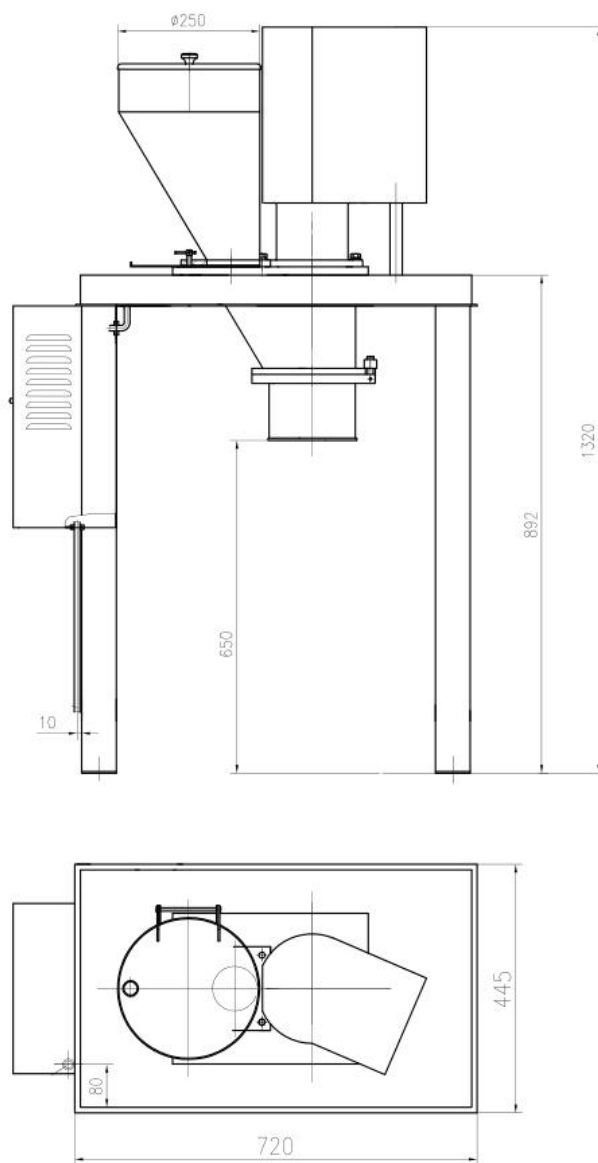
The material to be processed enters into the feed inlet of grinding and granulating machine, which drops into the conical sieve chamber. The rotary knife rotates a whirling action to the material, and place the granules to the sieve mesh surface by centrifugal force. The granules are grinded into particles by the shearing action produced by the rotary knife, the sieve mesh, and discharged through the sieve apertures. The size of particles can be adjusted by the sieve meshes as shown below.



Features:

- Cone type reduction mill
- The unique patented shaft sealing technology ensures no leakage of lubrication oil.
- No retention dead corner, no material overheating.
- Less dust, no vibration, low noise.
- High efficiency, energy saving, large production capacity
- Interchangeable screens for different sieve sizes
- Variable speed drive
- Contact parts 316L stainless steel
- Frame 304 stainless steel
- Easy to maintain and operate
- Quick and easy removal of mixing blades for cleaning
- cGMP compliant
- CE marked



Dimensions:

Technical Data	FZ-150	FZ-300	FZ-450	FZ-700	FZ-1000
Capacity	15-150 kg/hr	30-300 kg/hr	45-450 kg/hr	70-700 kg/hr	100-1000 kg/hr
Granularity	6-80 mesh				
Temp. Rise (C)	< 30				
Range of Speed	300~3600 rpm				
Power	1.5 kw	1.5 kw	2.2 kw	3.0 kw	5.5
Dimension	720 × 445 × 1345	810 × 445 × 1345	920 × 445 × 1430	1000 × 500 × 1530	1100 × 600 × 1875
Height of discharge hopper from the ground level	650 mm	650 mm	690 mm	690 mm	700 mm

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