![Wonsen logo]

(FZM Series) Pharmaceutical Machinery Fast Grinding Granulator

Pharmacuetical: crushing of raw materials; granulating of wet materials; granule sizing of dry materials; as for nonconforming medicines, granule sizing can be carried out according to the requirements for granule size; food: recovery and utilization after crushing of biscuits; others: crushing and granule sizing of rough raw materials and crushing and granule sizing of block raw materials.

Work principle

Add the raw materials into the crushing machine hopper. After dropping into the conical work chamber through the adjustment by the gate valve, the raw materials are subject to vortex action by the rotary granule sizing knife, and the granules are thrown to the screen by the centrifugal force. Meanwhile, shearing effect is produced on the screen due to the high speed rotation of the rotary knife, and the granules are crushed into small granules between the rotary knife and the screen and discharged through the screen mesh. The size of crushed granules is adjusted through the meshes of the screen, the distance between the rotary knife and screen and the rotation speed.

Features

1. It thoroughly solves the problem of scraps polluting materials due to the wear of the screen in the oscillating granulator.
2. The unique shaft sealing patented technology ensures no leakage of lubrication oil.
3. The granule size is easy to control.
4. There is no retention dead corner and no overheating of materials.
5. Little dust, no vibration and low noise.

6. High efficiency, energy saving and high production capacity.
7. With beautiful appearance, it is easy to clean.
8. With convenient movement, it has a wide application range.

Technical Parameters

Item	Model	FZM-300	FZM-450	FZM-700	FZM-1000
Motor Power(Kw)		2.2	3.0	4.0	5.5
Screen specification(mm)		D0.6-3	D0.6-3	D0.6-3	D0.6-3
Production capacity(kg/h)		300	450	700	1000
Outline dimensions	H	1300	1450	1650	1875
	H1	897	954	1104	1254
	H2	650	650	700	700
	L	810	920	1000	1100
	W	445	445	500	600