

Granulation machine



Wet granulator - Medical Machinery

Applications of Wet Granulator:

Wet granulator is used for mixing of powder, granulation of powder and bond in pharmaceutical, chemical and food industries.

High-efficient Wet Mixing Granulator

Working Principles of Our High-efficient Wet Mixing Granulator

Our high-efficient wet mixing granulator provides a big cylinder container for agitation of powder raw materials and adhesives. Users should pour materials into the container first, and then start the machine to agitate them. After the agitation is finished, the machine will process the mixtures into uniform granules automatically.

Features of Our High-efficient Wet Mixing Granulator

1. Our machine is designed with a horizontal cylinder.
2. Driven by air-filling seal shafts.
3. Advanced technology is adopted to reduce the drying time and decrease

adhesive dose by about 25%. It only cost our high-efficient wet mixing granulator 2 minutes to mix the materials, and 1-4 minutes to produce granules.

4. The process of dry-mixing, humidity-mixing and granulating can be finished in the same sealed container.
5. Our high-efficient wet mixing granulator meets the requirements of Good Manufacturing Practices.
6. Protective device is installed to ensure the safety.
7. The granule produced by our high-efficient wet mixing granulator is spherical, and has good fluidness.

Technical Parameters of Our High-efficient Wet Mixing Granulator

Item		Type			
Name	Unit	GHL 10	GHL50	GHL150	GHL200
Volume	L	10	50	150	200
Capacity	Kg/batch	3	15	50	80
Mixing speed	r/m	300 /600	200/400	180/270	180/270
Mixing power	KW	1.5/2.2	4/5.5	6.5/8	9/11
Cutting speed	rpm	1500/3000	1500/3000	1500/3000	1500/3000
Cutting power	KW	0.85/1.1	1.3/1.8	2.4/3	4.5/5.5

Item		Type			
Name	Unit	250	300	400	600
Volume	L	250	300	400	600
Capacity	Kg/batch	100	130	200	280
Mixing speed	r/m	180/270	140/220	106/155	80/120
Mixing power	KW	9/11	13/16	18.5/22	22/30
Cutting speed	rpm	1500/3000	1500/3000	1500/3000	1500/3000
Cutting power	KW	4.5/5.5	4.5/5.5	6.5/8	9/