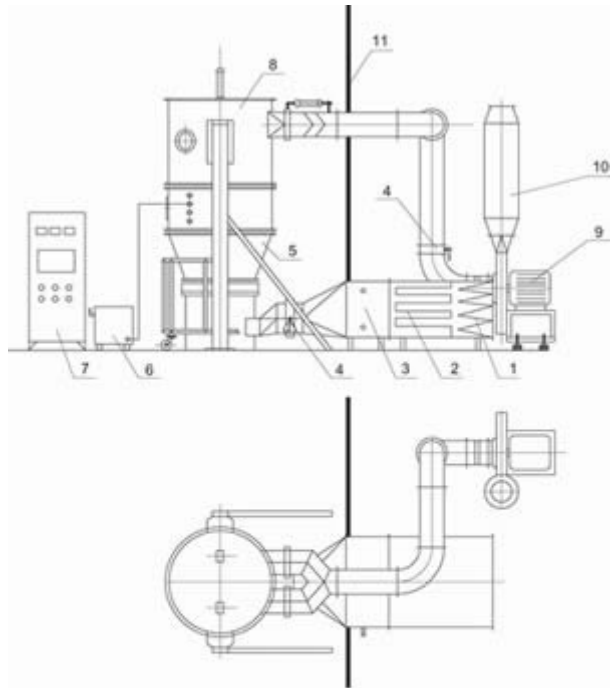




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**FL Series Fluidized Granulator**



- |          |         |
|----------|---------|
| 1、初中效过滤器 | 6、输液小车  |
| 2、亚高效过滤器 | 7、控制柜   |
| 3、蒸汽加热器  | 8、布袋捕集器 |
| 4、调风门    | 9、引风机   |
| 5、流化床    | 10、消音器  |
|          | 11、隔墙   |

**► Features**

The flow ability is improved and the dust is reduced, because of Granulator.

Its solubility is improved, because of Granulator, because of Granulator,

Mixing, Granulator and drying processes are completed in one step inside the machine.

The operation is safe because the anti-static filter cloth adopted.

It's safe for operator if explosion take place, because explosion device is adopted.

No need corner. Therefore, the loading and unloading are quick,, light and clean, meets the requirements of GMP.

## ► Applications

Pharmaceutical industry :tablet capsule, low sugar or no sugar granule of Chinese traditional medicine.

Foodstuff: cocoa, coffee, milk powder, juice of granulate, flavoring and so on.

Other industries: pesticide, feed, chemical fertilizer, pigment, dyestuff and so on.

Drying: powder or granule state of wet material

Coating: protection layer, color, controlled release, film, or bowels solved coating of granules and pills.

## ► Principle

The powder granule in vessel (fluid bed) appears in the state of fluidization. It is preheated and mixed with clean and heated air. At the same time the solution of adhesive is sprayed into the container. It makes the particles become granulating that contains adhesive. Being of unceasing dry through hot air, the moisture in the granulating is evaporated. The process is carried out continuously. Finally it forms ideal, uniform and porous granules.

## ► Technical parameters

item		unit	type								
			3	5	15	30	60	120	200	300	500
vessel	volume	L	12	22	45	100	220	420	670	1000	1500
	diameter	MM	300	400	550	700	1000	1200	1400	1600	1800
capability	min	KG	1.5	4	10	15	30	80	100	150	250
	max	KG	4.5	6	20	45	90	160	300	450	750
fan	velocity	m3/H	1000	1200	1400	1800	3000	4500	6000	7000	8000
	pressure	MM H2O	375	375	480	480	950	950	950	950	950
	power	KW	3	4	5.5	7.5	11	18.5	22	30	45
steam consumption		KG/H	15	23	42	70	141	211	282	366	451
compressed air expenditure		m3/min	0.9	0.9	0.9	0.9	1.0	1.0	1.1	1.5	1.5
weight of the main body		KG	500	700	900	1000	1100	1500	1500	1800	2000
steam pressure		MPA	0.3-0.6								
temperature		℃	adjustable at the range from room temperature to 120℃								
working time		MIN	decided in accordance with the properties of raw materials								
collect rate		%	≥99								
noise		DB(A)	when do installation ,main machine is separated from fan.								
size(L×W×H)		M	1.0×0.6 ×2.1	1.2×0.7 ×2.3	1.25×0.9 ×2.5	1.6×1.1 ×2.5	1.85×1.4 ×3	2.2×1.65 ×3.3	2.34×1.7 ×3.8	2.8×2.0 ×4.0	3×2.25 ×4.4