

# FL系列流化干燥制粒机

## FL Series Fluid Bed Drying Granulator

### ► 用途 (Application)

沸腾制粒机主要用于：医药、食品、化工等行业的粉末物料混合、制粒、干燥、颗粒“顶喷”包衣等作业。如片剂颗粒、胶囊颗粒、速溶饮料、调味品用颗粒。  
本机按JB20014-2004《药用沸腾制粒器》标准进行设计和制作。

The machine is mainly used for the operations of mixing, granulating, drying and coating of granule “Top Spraying” , etc of powder material in pharmaceutical industry, foodstuff industry, chemical industry, etc. Such as granule of tablet, granule of capsule, granule for quick resolving drinking, condiment. The machine is designed and manufactured in accordance with JB20014-2004 《 Fluid-bed Granulator In Medicine 》 .



### ► 特点 (Features)

1. 混合-制粒-干燥一步达到工艺要求。

2. 双捕集滤袋系统，清灰彻底。

3. 多流体雾化器，确保成粒均匀，粉末含量低。

4. 可选配2巴的防爆设计。

5. 按GMP规范设计、制造及工程配置布局。
1. Mixing-granulating-drying in one-step.

2. Adopting double chamber filtering bags system, removing dust completely.

3. Adopting multi-fluid nozzle, it guarantees that the formed granule is uniform and the content of powder is low.

4. Can choose 2 bar explosion-proof design.

5. Designed, manufactured and laid out by GMP.



### ► 技术参数 (Technical Parameters)

参数ITEM		型号TYPE		3	5	15	30	60	120	200	300	500	800- 1000
生产能力 Production Capacity	kg/批 batch	3	5	15	30	60	120	200	300	500	按用户 要求设计 By Client		
容器容积Container Volume	L	12	22	45	100	220	420	670	1000	1500			
直径 Diameter	mm	350	500	550	700	1000	1200	1400	1600	1800			
风机功率Power of Fan	kw	2.2	3	5.5	7.5	11	18.5	22	30	45			
供液电机功率 Power of Supply Liquid Motor	kw	0.37											
蒸汽压力 Pressure of Steam	mpa	0.4-0.6											
蒸汽耗量 Consumption of Steam	kg/h	15	18	35	60	120	140	180	310	400			
压缩空气压力 Pressure of Compressed air	mpa	0.4-0.6											
压缩空气耗量 Consumption of Compressed air	m³/min	0.3	0.3	0.6	0.9	0.9	0.9	1.1	1.1	1.5			
作业温度 Working Temperature	℃	常温-120℃ 可调 Normal temperature -120℃ could adjust											
噪声 Noise	db	风机隔离处理 ≤75 Installed separated with fan ≤75											
外形尺寸 Overall Size	mm	根据安装布置图定或者根据客户提供车间图定做 Pls refer to installation drawing or customer's room											