

Fluid Bed Granulator

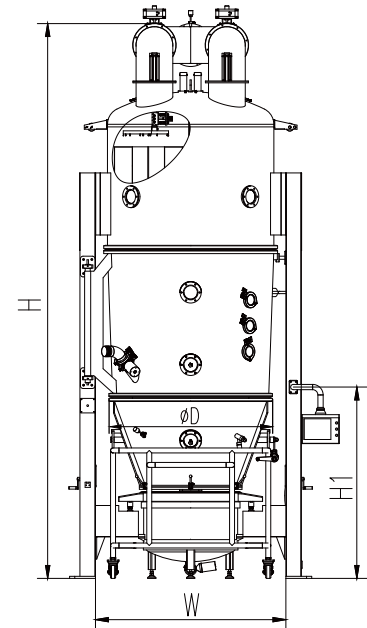
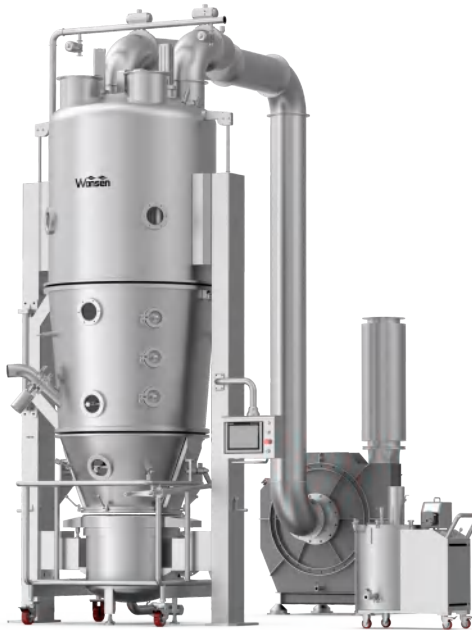


Application

The machine is a process machine widely applied for solid preparation production in the pharmaceutical industry. It has mixing, drying, granulating functions. It is also widely used in such industries as medicine, chemical industry, food, etc.

Features

- ▲With top spraying system for granulation
- ▲Two heating modes alternative, such as electric heating or steam heating
- ▲PID precision control
- ▲High processing efficiency, with closed online sampling
- ▲Ex-proof system/anti-10 or 12 bar/final dedusting system/dehumidifier system are available
- ▲WIP system/PAT are available
- ▲Fully meet FDA, CGMP, GMP
- ▲Control system can optionally complying 21CFR Part11 requirements



Technical Parameter

Item	Model	FL-15	FL-30	FL-60	FL-120	FL-200	FL-300	FL-500
Effective volume (L)		45	90	170	350	570	860	1430
Working volume (L)		13-30	27-60	50-120	100-240	170-400	257-600	430-1000
Feeding quantity (kg/batch)		6.5-15	14-30	25-60	50-120	85-200	130-300	215-500
Total power (kW)		7.5	11	18.5	22	30	37	75
Steam pressure (MPa)		0.4-0.6	0.4-0.6	0.4-0.6	0.4-0.6	0.4-0.6	0.4-0.6	0.4-0.6
Steam consumption (kg/h)		144	144	245	287	328	410	533
Compressed air pressure (MPa)		0.6-0.8	0.6-0.8	0.6-0.8	0.6-0.8	0.6-0.8	0.6-0.8	0.6-0.8
Compressed air consumption (m3/min)		0.4	0.6	0.9	1.0	1.0	1.5	1.8
Heating temperature range (°C)		Room temperature ~ 120°C						
Main machine weight (kg)		800	1000	1200	1400	2000	2500	3500
Auxiliary machine weight (kg)		2790	2790	3280	4020	3280	4050	4450
Dimension (mm) L*W*H		578*984*3114	772*984*3234	1022*1340*4154	1024*1540*4708	1378*1840*4840	1580*1840*5365	1868*2240*6000

Note: The referenced bulk density is 0.5g/cm³. The loading coefficient is 0.3 - 0.7, calculated based on the maximum volume during the production process.
Our company can customize products according to user requirements.