

## *DPL Series Multi-Functional Fluid Bed Processor*



Fluidized bed granulator is one of the equipments commonly used in the production process of solid preparations in the pharmaceutical industry, suitable for pharmaceutical, food, chemical and other industries. It fully complies with GMP pharmaceutical requirements for multiple processes (mixing, granulation and drying) in a closed container at one time in the granulation process, which reduces cumbersome processes, saves time, and can effectively control the flying of material powder, protect the production environment and prevent cross-contamination at the same time. It has the advantages of uniform size, round shape, good fluidity and good compressibility compared to granules made by other processes.

### **Feature**

1. Anti-static filter bag adopt airbag automatic sealing system.
2. Dual-chamber filtration system ensures continuous fluidization even during oscillating cleaning dust.
3. The air inlet cleans the air through a three-effect filter, and then heats the air to the set temperature through electric heating or steam heating.
4. Inlet box with side door for easy filter replacement.
5. The drain outlet can be rotated 360°, which is convenient to match the floor drain in any location of the customer's workshop.
6. The structure of the cylinder is calculated by accurate aerodynamics, and the uniform airflow drives the material to circulate evenly in the cylinder.
7. Excellent speed regulation performance, set pressure relief hole, safe to use

## Technical parameters

Model		DPL- II A	DPL3/5
Material Container	Top Spray (L)	9	18.5
	Bottom-Spray (L)	5	10
	Side Spray (L)	7.5	9
Capacity	Top Spray (Kg/batch)	0.5-3	1.5-5
	Bottom-Spray (Kg/batch)	0.25-2	0.5-3
	Side Spray (Kg/batch)	0.5-2	1-2.5
Compressed Air	Pressure Mpa	0.4-0.6	0.4-0.6
	Onsumption M³/min	0.4	0.5
Blower Power Kw		4	5.5
Heating Power Kw		4.5	12
Overall Dimensions	L (mm)	1800	2250
	W (mm)	860	1050
	H (mm)	2385	2850
	diameter (mm)	300	400