

## *DLB Series Multi-Function Granulator*



DLB Series Multi-Function Granulator & Coater is a new type of solid ingredients/ material preparation equipment, that integrates granulating, coating, fluidizing and rotating granulating together. It is mainly applicable for granulating, pill making and coating in pharmaceutical, chemical, foodstuff and so on industries, such as granules to be pressed to tablets, or to be filled into capsules, granules for other Chinese and Western Medicine, solid drinks, especially controlled release capsules and granules.

### **Applications**

- **Mixing:** For various kinds of fluidizable materials, such as powder, granules, micro-granule etc. Because of multidimensional
- **Movement** (horizontal, tangent and radial direction), the mixing effect is very good.
- **Granulating:** Spray adhesive onto powder to produce granules with various diameters.
- **Coating:** Efficient for to coat powder, granules and micro granules.
- **Thermal Material Coating:** Suitable for coating powder, granules and micro-granules with thermal wax.
- **Spray Drying:** Spray liquid or suspension onto powder so they should be dried.
- **Cooling:** This equipment can also be used for cooling powder or granules.

## Parameter

spec		DLB-5	DLB-15	DLB-30	DLB-60	DLB-120	DLB-300	DLB-500
max.	top spray	22	45	100	420	620	1100	2000
working capacity (L)	bottom spray	15	35	90	400	550	900	1600
electric heater power (kW)		21	27	45	81	135	234	315
range of temperature (°C)		0-120 automatically regulated						
consume of steam (kg/h)		60	100	180	220	366	600	1000
power of fan (kW)		5.5	11	15	22	30	55	75
amount of compressed air (m <sup>3</sup> /min)		0.6	0.6	0.9	1.1	1.3	3.0	4.0
weight (kg)		1450	1800	2600	3450	4000	6500	8000