



BGB-10F High-efficiency Coating Machine



Usage :

The BGB-10F high-efficiency Coating Machine is mainly used in pharmaceutical and food industries. It is a high-efficiency, energysaving, safe, clean and mechatronics equipment for coating tablets, pills and candies with organic film, water soluble film, slow and controlled release film and sugar film etc, Which conforms to the requirement of GMP

Features :

- BGB-10F Coating Machine not only possesses basic functions and characteristics of C-type machine , but also has the following characteristics.
- It is the best model for exploring coating coating technology in pharmaceutical laboratory.
- The coating drum can be replaced according to the coating technology batch.
- Replacement of the coating drum is convenient and fast.
- Main machine and hot air systems are integrated and compact with air collecting in clean area

Working principle :

The table cores make continuous and complicated orbital motion within the closed rotating drum under the action of a streamline guide plate. During the motion, coating medium automatically sprays according to the technological process and rational technological parameters, at the same time hot air is supplied under a negative pressure. The hot air

penetrates through the tablet core layers and is discharged from the bottom of the layers, so that the coating medium sprayed on the surface of table cores will dry rapidly and evenly, thus forming a solid and smooth surface film.

Main technical parameters :

Model	BGB-10F	BGB-20F	BGB-40F
Production capacity (kg/run)	10	20	40
Three drums for one machine(kg/batch)	3、 5、 10	5、 10、 20	20、 40
Diameter of drum (mm)	500、 520、 610	520、 580、 680	720、 850
Speed-adjusting range of coating drum (rpm)	6-30	6-25	4-21
Motor power of main machine(kW)	0.55	0.75	1.1
Temperature-regulating range of hot air (° C)	Normal temperature~80°C		
Motor power of hot air machine(kW)	0.75	0.75	1.1
Motor power of exhaust machine (kW)	2.2	2.2	3
Motor power of vibration dust-cleaning device(kW)	0.37	0.37	0.37
Motor power of peristalsis pump(kW)	0.18	0.03	0.18
Overall dimension of main machine (mm)	970x	1140x	1120x
	880x	1000x	1100x
	1800	1900	1840
Weight of main machine (kg)	450	500	600