



## *High Efficiency Coating Machine GBY-series*



The BG series-extremely efficiency sugar coating machine and film coating machine is mainly used in the pharmaceutical and foodstuff in industries.

This novel equipment, featured by high efficiency, energy-saving, safety, cleaning, and easy operation, is the integrative equipment for sugar, organic film, water soluble film coating of tablets, round pills, water pills, honey pills, drop pills, etc.

The cores of tablets to be film coated make continuous complicated orbital motion within the closed rotating drum, under the action of a streamline guide plate. During the movement, coating stuff is automatically sprayed according to the technological process and rational technological parameters assigned. At the same time, under the negative pressure condition, the clean hot air goes in through tube of one side in the center of roller, and blows through aperture of pills, and get out from the other tube, thus forming a solid, compact, smooth surface.

### **Features:**

1. GBY series are made in compliance with the GMP standard in the pharmaceutical industry.
2. With closed operation, neither dust flying nor spray splashing will appear.
3. The shield, coating pan, heat-air supplying cabinet and spray device, as well as every part contact with medicine are totally made of stainless steel.
4. Spraying&coating medium, drying and air exhausting can be carried out simultaneously during film coating, which would be completed in 1-2 hours.
5. The Anti-explosion function and PLC control could be mounted according to customer's requirement.

**Specification:**

<b>Model Item</b>	<b>GBY400</b>	<b>GBY600</b>	<b>GBY800</b>	<b>GBY1000</b>	<b>GBY1250</b>
Diameter(mm)	400	600	800	1000	1250
Production capacity (kg/batch)	3-5	10-15	30-50	50-70	80-150
Wind temperature(°C)	Environmental Temperature—80				
Rotation speed(r/min)	0—46	0-36	0—32	0—32	0—28
Motor power(KW)	0.55	0.75	1.5	1.5	2.2
Power of fan(KW)	0.06	0.06	0.75	0.75	0.75
Power of heating(KW)	1	1	3	3.5	3.5
Motor power of exhaust machine(KW)	0.18	0.18	1.1	1.5	2.2
Light(W)	18	18	18	20	20
Overall size(mm)	800*800 *1200	1000*800 *900	1000*1000 *1300	1200*1200 *1450	1350*1350 *1600