



## **Coating machine *BGc series***



The machine is used to carry out sugar coating and so on to the core of Chinese traditional medicine and western medicine tablets, it integrates strong power, weak power and hydraulic pressure with pneumatic operation, it is new type equipment improved on the basis of original common type sugar coating machine.

The machine is composed of the mainframe (original sugar coating machine), controllable normal-temperature hot air system, automatic liquid supply and air supply spraying system, exhaust unit etc. The main motor has function of speed control; the coating is carried out in an airtight space.

By means of automatic control of electrical appliances, It dissolves the auxiliary coating materials by dissolvent, then sprays dissolved solution to the tablet surface with high atomized spray gun, meanwhile, the tablets make continuous and complex track movement in the coating pan, let the dissolved solution cover the tablet core evenly, the Controllable normal-temperature hot air in the pan will dry the tablets at the same time, Exhaust fan discharges the waste gas and aqueous vapor, let the tablet surface form a Firm, fine, complete and smooth surface film rapidly.

### **Features:**

- The machine has advantages of simplified structure, easy operation, less dust, smooth and fine tablet surface, saving auxiliary materials and convenient maintenance.
- Made of stainless steel, a pot of body isolates from external world in this aircrew, the course of the whole coating goes on in the airtight space.
- Operating reliably, low noise.
- Pollution free, convenient to wash and maintain.
- Fabrication cost low.
- Operate with electrical control, the rotational speed of the pot is adjusted by frequency Converter, the wind temperature, the tablets temperature all are adjustable and Controllable.

**Technical Parameters:**

<b>Model</b>	<b>BGc-300</b>	<b>BGc-400</b>
Diameter of pan	300 mm	400 mm
Production capacity	1-2 kg/time	2-5 kg/time
Inclination	38°; Celsius	
Motor power	0.37 KW	0.55 KW
Power of blower fan	40 W	
Rotary speed	2-46 r/min	
Electric thermal power	Inside heating: 900 W Outside heating: 600 W	
Weight	200 kg	
Overall size	800x800x1200 mm	
<b>Model</b>	<b>BGc-500</b>	<b>BGc-600</b>
Diameter of pan	500 mm	600 mm
Production capacity	5-10 kg/time	10-15 kg/time
Inclination	38°; Celsius	
Motor power	0.75 KW	1.1 KW
Power of blower fan	60 W	
Rotary speed	2-40 r/min	
Electric thermal power	Inside heating: 1 KW Outside heating: 1 KW	
Weight	350 kg	
Overall size	900x900x1400 mm	