

## *Tablet Coating Machine*



The tablet coater is widely used for making tablets, sugar-coat pills, polishing and rolling food demanded by the pharmacy industry, chemical industry, foods, research institutes and hospitals. It can also produce new medicine for research institutions. The sugar-coat tablets that are polished possess a bright appearance. The intact solidified coat formed after the surface sugar's crystallization can prevent the chip from oxidative deterioration, damping and volatilization, and cover the improper flavor of the chip. In this way, tablets are easier to be identified, and their solution inside human stomachs can be lessened.

### **Description of Tablet Coating Machine (Sugar Coating Machine):**

The BY tablet coater is used to pills for pharmaceutical and sugar coating the tablets and food industries. It is also used for rolling and heating beans and edible nuts or seeds. A separated blower with electrical heater is provided. The pipe of the blower stretches into the pot for heating or cooling. The thermal capacity can be adjusted. The tilted angle of round pot is adjustable; the heater such as gas heater or electrical heater can be placed directly under the pot.

### **Characteristics of Tablet Coating Machine (Sugar Coating Machine):**

Able to be matched with frequency controller.

Able to be matched with dust-removal system.

It can be made to totally-enclosed type, served with airbrush system, and meets the GMP requirements.

### **Operation of Tablet Coating Machine (Sugar Coater):**

1. Check whether all parts of tablet coating machine are tightened before using it.
2. Wash both the inside and the outside of the sugar-coat pot.
3. Switch on the principal motor to allow the machine an idle running for 2 minutes, so as to judge if there is malfunction.

4. Switch first of all the principal motor after filling in the materials. Then press the fan button according to the crystallization of sugar; meanwhile switch on the heater strip button.

#### Technique Parameters:

<b>Model</b>	<b>BY300</b>	<b>BY400</b>	<b>BY600</b>
Dia. of the sugar coating pot (mm)	300	400	600
Speed of the sugar coating pot (r/min)	46	46	40
Motor power (KW)	0.37	0.55	0.55
Heating wire power (W)	500	500	800
Blower power (W)	40	40	60
Capacity (Kg/h)	2	5	15
Weight (Kg)	65	70	120
Overall size (mm)	485×585×766	485×585×810	700×540×1300
External heating power (w)	500	500	600

<b>Model</b>	<b>BY800</b>	<b>BY1000</b>	<b>BY1250</b>
Dia. of the sugar coating pot (mm)	800	1000	1250
Speed of the sugar coating pot (r/min)	32	32	30
Motor power (KW)	1.1	1.5	2.2
Heating wire power (W)	1000	1000	1000
Blower power (W)	250	250	250
Capacity (Kg/h)	30~50	50~70	90~150
Weight (Kg)	240	250	280
Overall size (mm)	925×900×1500	1100×1100×1600	1200×1250×1630
External heating power (w)	1000×2	1000×2	1000×2