



## **BYC-400B coating machine**



The machine is used to carry out sugar coating and film coating 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 speed can be controlled, the coating accessories using high Atomization spray to tablets surface by the method of automatic electrical control, meanwhile, the tablets make continuous and complex track movement in the coating pan; Let the coating liquid cover the tablet core evenly. The controllable normal-temperature hot air in the pan will dry the tablets at the same time; let the tablet surface form a film, fine, complete and smooth surface film rapidly.

Automatic liquid supply vehicle is used for heating the coating solution that requires higher temperature, and the temperature is adjustable. Barrel lined with rock wool insulation, even the heating temperature arrives 80-90<sup>o</sup> Celsius, the out wall of barrel still keep normal temperature. The liquid supply vehicle is equipped with peristaltic pump and three-way magnetic valve, which can make the two spray gun work at the same time. It is also equipped with pneumatic stirring motor that can continually stir coating solution, and the speed of stirring is adjustable. There is also wheel installed in the bottom of vehicle, so That users can remove it.

The machine has advantages of simplified operation, smooth, fine and bright tablet surface, saving accessories and convenient maintenance. So it is ideal equipment for Tablet film coating.

**Technical Parameters:**

<b>Model</b>	<b>BYC-400B</b>	<b>BYC-800B</b>	<b>BYC-1000B</b>	<b>BYC-1250B</b>
Production Capacity	2-5 kg/time	30-50 kg/time	50-70 kg/time	80-150 kg/time
Inclination of Pan	15°-45°	15°-45°	15°-45°	15°-45°
Motor Power	0.55kw	1.1 kw	1.5kw	2.2 kw
Power of Blower Fan	40w	200 w	200w	370 w
Rotary Speed	0-46r/min	0-32r/min	0-32r/min	0-28r/min
Electric Thermal Power	4KW	3KW	4KW	6KW
Weight	65 kg	280 kg	300 kg	500 kg
Outline dim.	700x660x 970mm	1000x1000x 1550mm	1300x1000x 1680mm	1350x1350x 1600mm

<b>Automatic Liquid Supply Vehicle</b>				
<b>Model</b>	<b>BYC-400B</b>	<b>BYC-800B</b>	<b>BYC-1000B</b>	<b>BYC-1250B</b>
Volume of Barrel	5 L	30L		
Heating Power	1KW	3KW		
Power	Single Phase	Single Phase		
Flow Rate	0.34-870ml/min	0.34-870ml/min		
Supporting silicone rubber tube	24#	24#		
Working Pressure	0.4-0.8Mpa	0.4-0.8Mpa		
Spray Gun	According to user' demand.			
Weight	60 kg	60 kg		
Overall size	585x410x 600mm	780x620x830mm		