

BYC-300, BYC-400 Water Chestnut Mode Coating Machine with Simple Spray Unit



The machine is used to carry out sugarcoating 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 sugarcoating machine.

The machine is composed of the mainframe (original sugarcoating 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°C, 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 an ideal equipment for Tablet film coating.

Technical Parameters

Model	BYC-400B	BYC-800B
Production Capacity	2-5 kg/time	30-50 kg/time
Inclination of Pan	15°-45°;	15°-45°;
Motor Power	0.55kw	1.1 kw
Power of Blower Fan	40w	200 w
Rotary Speed	0-46r/min	0-32r/min
Electric Thermal Power	4KW	3KW
Weight	65 kg	280 kg
Outline dim.	700x660x970mm	1000x1000x1550mm

Model	BYC-1000B	BYC-1250B
Production Capacity	50-70 kg/time	80-150 kg/time
Inclination of Pan	15°-45°;	15°-45°;
Motor Power	1.5kw	2.2 kw
Power of Blower Fan	200w	370 w
Rotary Speed	0-32r/min	0-28r/min
Electric Thermal Power	4KW	6KW
Weight	300 kg	500 kg
Outline dim.	1300x1000x1680mm	1350x1350x1600mm