



*Water chestnut mode coating machine **BYC-1000***



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^o Celsius, the out wall of barrel still keeps 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:

Model	BYC-400B	BYC-600B	BYC-800B	BYC-1000B	BYC-1250B
Production Capacity	2-5 kg/time	5-15 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°;	15°-45°;
Motor Power	0.55kw	0.55kw	1.1kw	1.5kw	2.2kw
Power of Blower Fan	40 W	60 W	200 W	200 W	370 W
Rotary Speed	0-46 r/min	0-40 r/min	0-32 r/min	0-32r/min	0-28r/min
Power supply	4KW	4 KW	3KW	4KW	6KW
Weight	65 KG	129 KG	280 KG	300KG	500KG
Outline dim.	700x660x970mm	820x780x1220mm	1000x1000x1550mm	1300x1000x1680mm	1350x1350x1600mm

Automatic Liquid Supply Vehicle					
Model	BYC-400B	BYC-600B	BYC-800B	BYC-1000B	BYC-1250B
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	60KG	60KG			
Outline dim.	585x410x600mm	780x620x830mm			