



BYC-1000A Tablet Coating Machine



This machine is used to carry out sugarcoating and film coating to the core of Chinese traditional and Western medicine tablets. It integrates strong power, weak power, hydraulic and pneumatic. It is new type equipment improved on the basic of original common type sugarcoating machine.

It is composed of the mainframe (original sugarcoating machine), controllable normal temperature hot air system, automatic fluid supply and air supply spraying system, 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 fluid cover the tablet core evenly. The controllable normal-temperature hot air in the pan will dry the tablets at the same time; Let the tablets rapidly form a firm, fine, complete and smooth surface film.

Automatic liquid supply vehicle is used for heating the coating solution that requires higher temperature, and the temperature is adjustable. Barrel lined with rockwool insulation, even the heating temperature arrives 80-90o 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.

This machine has advantages of simplified operation, smooth, fine and bright tablet surface, saving accessories and convenient maintenance. It is the ideal equipment for tablet film coating.

Technical data:

Model	BYC-1000	BYC-1250
Production Capacity	50~70kg/time	80~150
Inclination of Pan	15°-45°	15°-45°
Motor Power	1.5kw	2.2
Power of Blower Fan	200w	370
Rotary Speed	0-32r/min	0-28r/min
Electric Thermal Power	4KW	6KW
Weight	300KG	500KG
Outline dim.	1300×1000×1680mm	1350×1350×1600mm