

Coating Machine BG-600E



The efficient coating machine consists of host machine, slurry spraying system, hot-air cabinet, exhaust cabinet, feed and discharge device, and computer programming control system.

Working principles

Inside the coating machine rolling drum, the bare tablets are made to move along a consecutive and complicated track. In the process of the motion, controlled by the programming control system, a medium is automatically sprayed (or trickled) to a tablet surface according to the selected technological sequence and parameters by a syrup pump and spraying gun (or a drip pipe for sugar coating). At the same time, finely-filtrated clean hot air from the hot air cabinet penetrates the tablet bed and then is exhausted from the bottom of the drum and discharged after being dedusted so that a solid and smooth film or sugar coating can be quickly formed on the tablet.

Specifications

Model	BG-600E
Max. tablet volume	600L
Sugar coating drum dia.	Φ1580mm
Feed inlet diameter	Φ570mm
Sugar coating drum speed	1-12r.p.m
Host machine motor power	5.5kw
Exhaust cabinet motor power	11kw
Exhaust blower air flow	15450m ³ /h
Hot air cabinet motor power	5.5kw
Air heater air flow	7419m ³ /h
Air heater temp.-adj. range	~80°C
Hot air cleanness level	10level
Syrup pump power consumption	0.55kw
Silicon rubber hose	φ9-φ16mm
External dimensions of host machine	2000×2277×2660mm
Host machine weight	2800kg
External dimensions of hot air cabinet	1600×1100×2350mm
Hot air cabinet weight	820kg
External dimensions of exhaust cabinet	1050×1000×2470mm
Exhaust cabinet weight	660kg