

SED-BG-400 Beans Food Thin Film Coating Machine Spraying Liquid Sugar Coating Machine



The tablets make complicated and constant track movement with easy and smooth turn frequent exchanging in a clean and closed drum of the film coating machine. The coating mixed round in the mixing drum are sprayed on tablets through the spray gun at the inlet unction of the peristaltic pump.

Meanwhile under the action of air exhaust and negative pressure 100,000 clean hot air supplied by the air exhaust cabinet is exhausted from the fan at the sieve meshes through tablets.

So these coating mediums on the surface of tablets get dry forming a coat of firm, fine and smooth film. The whole process is finished under the control of PLC.

Trait of Coating Machine

This tablet coating machine consists of major machine, slurry spraying system, hot-air cabinet, exhaust cabinet, feed and discharge device, and computer programming control system.

It can be widely used for coating various tablets, pills and sweets with organic film, water-soluble film and sugar film etc. In such fields as of pharmaceutical, food and biological products etc. And it has such characteristics as good appearance in design, high efficiency, low energy consumption and small floor area, etc.

Product Parameters

Model		BG-1000	BG-600	BG-400
LoadingCapacity (kg/batch)		1000Kg	600Kg	400Kg
Drum Revolution (r/min)		2.0-12rpm	2.0-12rpm	2.0-13rpm
Main Machine Power		7.5KW	4KW	3KW
Diameter of coating drum		1800mm	1580mm	1580mm
Power of air exhaust cabinet motor		11KW	11KW	7.5KW
Air exhaust flow		18000m3/h	15450m3/h	10000m3/h
Power of hot air cabinet motor		7.5KW	4KW	2.2KW
Hot air flow		10650m3/h	6500m3/h	3517m3/h
Weight of main machine		2000Kg	1600Kg	1000Kg
Clean air	Pressure	0.4MPa	≥0.4MPa	≥0.4MPa
	Air consumption	2.5m3/min	2m3/min	1.5m3/min