

SED-BGW300 Automatic Thin Film Pill Coating Machine



The tablets make complicated and constant track movement with easy and smooth turning and frequent exchanging in a clean and closed drum of the film coating machine.

The coating mediums stirred in the constant temperature stirring drum are sprayed on tablets through the spray gun at the inlet under the action of crawler pump. Meanwhile hot air up to 100,000 level filtration are inhaled through the air distributing pipe at the center of the drum and flowed through tablets around the fan blade.

Under the action of air exhaust and negative pressure, hot air are exhausted from the another side of the air distributing pipe and discharged after dust abatement. So these coating mediums on the surface of tablets get dry quickly, forming a coat of firm, fine and smooth film. Automatically controlled by PLC, it is in normal operation.

It's a kind of equipment integrating elegance, high efficiency ,safety, easy to clean, which is applied for coating traditional Chinese and western tablets and pills, including the micro pills and granulated pills, small pills, water pills, drip and granulated pills, with sugar, organic film, water soluble, film, slow and programmable PLC (machine and person interface), with which its operation process and process parameters such as negative pressure and temperature can be automatically controlled It's easy to operate, with reasonable and advanced process during run of the machine.

Main machine, cleaning system, hot air cabinet, exhaust cabinet and the thermostatic mixing drum are all made of imported high quality, stainless Steel, which conforms to GMP requirements. This product has passed the certification of CE

Product Parameters

MODEL		BGW300	BGW150
Load Capacity		300kg	150kg
Revolutions(r/min)		0-12RPM	3-15RPM
Machine Power		3kw	2.2kw
Diameter of coating drum		1500mm	1280mm
Power of hot air cabinet motor		7.5kw	5.5kw
Motor power of hot air cabinet		2.2kw	1.5kw
Feed port dia		475mm	458mm
Main machine weight		1200kg	1000kg
Overall size of hot air cabinet		900×800×2280	970×1150×2170
Overall size of air exhaust cabinet		1050×1050×2100	1040×1340×2060
Air consumption	Pressure	≥0.4Mpa	≥0.4Mpa
	Air consumption	1.1m3/min	0.7m3/min