

BGW150 Seed Pill Tablet Candy Film Sugar Coating Machine



Model BGW Series High Efficiency Film Coating Machine are widely used for coating various tablets, pills and sweets with organic film, water-soluble film, slowand controlled release film and sugar film etc in pharmaceutical, nutrition, foodstuff, and sweets industries. And it has such characteristics as high efficiency, low energy consumption, easy to clean and operate, and take small floor aerate. The machine adopt advanced design concept, has compact structure, meet CGMP standard completely. It's the ideal coating equipment for your choice. We also can solve the coating problem and supply the coating crafts for you. (In addition, we also can supply the none-perforated coating machine for you)

Features:

1. All the operation, including the control of hot air temperature and adjustment of drum speed, are controlled by SIEMENS PLC and color touch screen system.
2. Under the action of the agitator of streamline guide plate type, the tablets are tumbling smoothly and exchanging frequently, thus eliminating the tablets to fall from a high place and colliding, solving the problem of tablets broken and chipped edge, and improving the rate of finished products. The narrow guide plate prevent the coating material paste on its surface, thus saving the coating material and improving the coating quality.
3. Adopt the constant-pressure variable peristaltic pump, cancel the return pipe. The turning radius of the roller varies along with the pressure change. The supplied coating material and the spraying volume are balanced automatically; therefore, stabilizing the effect of atomization, simplifying the spray system, preventing the spray gun from plugging-up, and saving the coating material. Moreover, the cleaning is simple and there are no dead corners.
4. The patented spray gun is especially designed and processed for the film coating machine, atomization evenly and large spraying area. And the universal adjustable spraying head without dosing limit. The washing mechanism of the spray gun can prevent the spraying gun clogging, and make the film coating can proceed continuously, thus reduced the coating time and saved the coating material.
5. Equipped with the production data print function and advanced CIP system.

Technical Specifications

Model	BGW-150
Capacity (kg / stroke)	150
Three drums for one machine (kg if the bulk density is 1)	150
Drum diameter (mm)	520,580,620
Speed adjustment range of the film application drum (rpm)	4-19
Main machine engine power (kW)	2.2
Hot air temperature control range (° C)	Normal temperature is ~ 80 ° C.
Hot air filtration accuracy (mm)	0.5 mm (class 100000)
Air heater motor power (kW)	1.5
Exhaust car engine power (kW)	5.5
Overall size of the main machine (mm)	1450×2200×2100
Main machine weight (kg)	1100