

BGF-series Chocolate Ball Coating Machine



The new type auto coating machine is designed for coating process solutions for all kinds of tablets, pills, granules, which can promote the coating production efficiency and guarantee material stability. Reliable process, interchangeable pans design, CIP design and good appearance conforms to the requirements of GMP. Varieties of functions combination make the batch production time shorten, satisfying different process requirements. It is the best choice for film coating, sugar coating, chocolate coating, candy coating, seed coating, etc.

Work principle

Under the rotation action of the coating roller, the tablets or pills to be coated make continuous movement in the roller. The peristaltic pump conveys the coating media to the spray gun for spraying them on the surfaces of the tablets or pills to be coated. Under negative pressure, the inlet air handling unit supplies clean hot air to the tablet bed according to the set procedures and process parameters to dry the tablets or pills. The hot air is discharged from the outlet air handling unit at the bottom of the layer of tablets or pills, so that the coating media sprayed on the tablets or pills rapidly form solid, dense, flat and smooth film to complete the coating operation.

Features

1. Use automatic execution software, and the temperature, wind speed, coating solution can be controlled by on-line program.
2. The same model can use more than two different pans, which can be customized according to requirements and are highly adaptable to various production process.
3. Meet different capacity requirement from 20% to 105%, promote 20% to 60% on coating efficiency.

Technical Parameter

型号 Model	BGF-150	BGF-250	BGF-350	BGF-500
可配锅体 Interchangeable pan (C*D*L)	880*950 1205*650 1205*950	1520*1210 1520*1310 1100*1310	1520*1210 1520*1650 1220*1650	1650*1680 1650*1870 1220*1870
最大产能 Max.capacity (Kg)	150	250	350	500
最小产能 Min.capacity (Kg)	30	50	70	100
直径 Diameter (mm)	1220	1520	1520	1650
喷枪 Spray gun (PC)	3	4	5	6
气量 Air volume	15-110升/小时 15-110 L/hr			
外形尺寸 Dimensions (mm)	1860*2200*1960		2060*2600*2300	