

BGB-C Series High-Efficiency Coating Machine



Our coating machine is generally used in the production of pharmaceutical and food industry for film and sugar coating of tablet, pill, candy and chocolate. It is a kind of machine with high efficiency, energy-saving, safety and cleaning, it is in conform with GMP standard, also has CE certificate.

Features

1. The control system consist of PLC and touch screen of Siemens, the design is reasonable and programming is flexible, which are adapt to the different needs of pharmaceutical technology, featuring reliable work, stable performance and is in conform with GMP standard.
2. The spray gun specially designed for the film coating machine with even atomization and large coverage of spray. With the smart universal direction spray head and automatic anti-block design the film coating can proceed continuously and smoothly, thus reduce the coating time and saving coating material.
3. Control and display the negative pressure in the area of coating pan.
4. Control and display supply air speed.
5. Control and display the temperature.
6. Preventing the spray gun from block
7. The memory and the printing function

Working principle:

The tablet cores to be coated make continuous complicated orbital motion within the closed rotating drum under the action of a streamline guide plate. During the motion, coating medium automatically sprays according to the technological process and rational technological parameters, at the same time hot air is supplied under a negative pressure. The hot air penetrates through the tablet core layers and is discharged from the bottom of the layers, so that the coating medium sprayed on the surface of tablet cores will dry rapidly and evenly, thus forming a solid and smooth surface film.

Technical Parameters

| Model | BGB-600C | BGB-350C | BGB-150C | BGB-75C | BGB-10C |
|--|---------------------------|----------|----------|---------|---------|
| Working capacity (kg/batch) | 600 | 350 | 150 | 75 | 10 |
| Rotating speed (rpm) | 2-10 | 2-11 | 2-15 | 4-19 | 6-30 |
| Power of main machine(kw) | 5.5 | 4 | 2.2 | 1.1 | 0.55 |
| Hot air temperature (°C) | normal temperature --80°C | | | | |
| Hot air filtrationprecision(μm) | 0.5μm (100,000 grades) | | | | |
| Hot air motor power (kw) | 5.5 | 2.2 | 1.1 | 1.1 | 0.75 |
| Exhaust motor power(kw) | 15 | 7.5 | 5.5 | 3 | 2.2 |
| Vibrating dust-removing device motor power(kw) | 0.37 | 0.37 | 0.37 | 0.37 | 0.37 |
| Peristaltic pump motor power(kw) | 0.18 | 0.18 | 0.18 | 0.18 | 0.18 |
| Overall dimension(LxWxH) (mm) | 2000x | 2000x | 1570x | 1350x | 1100x |
| | 2240x | 1560x | 1260x | 1010x | 750x |
| | 2330mm | 2300mm | 2000mm | 1630mm | 1540mm |
| Main machine weight (kg) | 2500 | 1650 | 900 | 550 | 380 |