

Semi-Automatic Powder Filling Machine CGF-B2S



CGF-B2S semi-automatic powder filling machine is a highly efficient packaging equipment designed for powdered and granular materials. It is suitable for accurate metering and packaging of powdered or granular products in food, medicine, chemical industry and other industries, such as milk powder, monosodium glutamate, solid beverage, glucose, coffee, etc. The machine is made of stainless steel (SUS304), which is easy to clean and durable, ensuring long-term stable operation, and provides 10 preset formula memory functions for quick switching between different products.

Introduction

The CGF-B2S semi-automatic powder filling machine is designed for the food, pharmaceutical and chemical industries. It is made of stainless steel to ensure durability and easy cleaning. It can achieve accurate filling through weight feedback tracking, and is suitable for a variety of powder and granular materials and packaging containers. It is equipped with a quick-release hopper and servo motor, which is flexible and accurate in operation, and provides 10 recipe memory functions. The built-in intelligent control system supports automated operation processes and has safety features such as overload protection and emergency stop. The low-energy design conforms to the concept of green production and is an optimal solution for high efficiency and easy maintenance.

Feature

- High-precision filling: supports weight control with a minimum error of $\pm 0.5\%$.
- Flexible and adaptable: customized production can be carried out according to customer needs to meet the needs of special materials.
- High degree of automation: integrated intelligent control system, which can automatically complete a series of processes such as feeding, mixing, and filling.

- Good safety performance: equipped with complete protection mechanisms, such as overload protection, emergency stop button and other functions.
- Energy saving and environmental protection: low energy consumption design reduces power consumption, which is in line with the concept of green production of modern enterprises.

Specifications

Model	CGF-B2S
Work Mode	Powder rotation filling traced by weight feedback
Filling Weight	10g - 5000g (With different powder tooling)
Filling Accuracy	Weight:≤ 100g, error:≤±2%;
	Weight:100g – 500g, error:≤±1%
	Weight:>500g, error:≤±0.5%
Screw Diameter	Ø19,Ø 24,Ø 28,Ø 34,Ø 38,Ø 41,Ø 47,Ø53
	(Depends on different filling weights)
Filling speed	40– 120 Units/Min
Power supply	3PAC208V-415V 50/60Hz
Total Power	1.4Kw
Total Weight	260kg
Overall Dimensions	1140×970×2030mm
Hopper	50L