

Auto Auger Powder Filling Machine



Brief Introduction

- Auger powder filling machine is a specially designed for quantitatively packaging powder materials, consisting of a touch screen control system, auger, chain plate conveyor, and other components. This auger filler allows for automatic measuring and filling, featuring a measuring range of 50-1000g and a filling speed of 20-40 bottles per minute.

Features

- Famous brand touch screen, PLC, servo motor, electrical components, etc. are used to ensure machine system can working stable in long-term. The touch screen interface is simple and intuitive, and the equipment can be used proficiently without professionals.
- Wide filling range: suitable filling heads and hoppers can be selected according to the characteristics of different powder materials to meet different filling needs.
- Easy operation: powder filling machines generally use human-machine interaction interfaces, which are simple and convenient to operate, and allow for quick parameter adjustments and settings
- High measuring accuracy: volume or mass methods are used for measurement, offering high measuring accuracy and ensuring the filling quality.

- Strong adaptability: auger filler can be used for filling various powders, such as food additives, pesticides, veterinary drugs, dyes, chemical reagents, etc.
- Good safety: powder filling machines are equipped with safety protection devices, such as emergency stop buttons, material level switches, etc., which can effectively prevent equipment failures and personnel safety accidents.

Application

- Auger filler is suitable for measuring and filling of powders in various industries such as pharmaceuticals, food additives, and chemicals.
- Suitable for packing Milk powder, coffee powder, soy milk powder, protein powder, veterinary drugs, disinfectant powder, glucose powder, solid beverages, MSG, toner, talcum powder, pesticides, dyes, flavors and fragrances and other powder materials.

Specification

Model No.	PFM-1
Measurement By	Auger Filler
Auger Quantity	01 set
Control System	HMI+PLC+Servo
Packing Weight	10-500g (Tailor-made)
Packing Accuracy	$\leq \pm 1g$ ($\leq 100g$); $\leq \pm 1\%$ ($\geq 100g$) Material will affect this filling accuracy
Packing Speed	10-25BPM
Bottle/Jar Size	Tailor-made
Belt Width	80mm
Hopper Size	26L
Air Source	0.6-0.8Mpa
Power Source	AC380V;50Hz;3P;2kw
Dimension	2000x700x1900mm
Net Weight	About 200kg
Material	SUS304



Auto Auger Powder Filling line



Brief Introduction

- The fully automatic powder filling line is composed of a bottle unscrambler (or platform), powder quantitative filling machine, capping machine (screw cap or press cap), an automatic labeling machine and collection turntable (or platform), all of them use touch screen, PLC, and servo control systems to automatically complete quantitative filling, screw capping and automatic labeling, saving manpower, increasing output, and ensuring quality control.

Applicable products

- Milk powder, coffee powder, soy milk powder, protein powder, veterinary drugs, disinfectant powder, glucose powder, solid beverages, MSG, toner, talcum powder, pesticides, dyes, flavors and fragrances and other powder materials.

Advantages of powder filling line

- Wide range of application: All kinds of powder materials can be filled quantitatively, and the equipment configuration can be adjusted according to the characteristics of the powder.
- High metering accuracy: Different screws are configured according to different filling volumes and filling requirements, and the metering accuracy is high.
- Simple operation: The equipment adopts a touch screen control system, which is simple and intuitive, and can quickly set parameters
- Reduce costs: Automated production lines can reduce labor and labor intensity, significantly reducing production costs.

**SINBON**

HONGKONG SINBON INDUSTRIAL LIMITED SHANGHAI YUHANG INDUSTRIAL CO., LTD.

Product E-Catalogue

Specification

Model No.	PFM-3
Packing Weight	100-1000g (1-10g for option, change auger screw)
Packing Accuracy	$\leq 100\text{g}$: $\leq \pm 1\text{g}$; $\geq 100\text{g}$: $\pm 1\%$
Packing Speed	10-60 BPM (affected by material, filling weight etc.)
Auger Filler	3 sets (1-3 sets for option)
Bottle Diameter	$\leq 80\text{mm}$ (tailor made acceptable)
Bottle Height	$\leq 150\text{mm}$ (tailor made acceptable)
Bottle Shape	Round bottle (other shape of bottle tailor made)
Capping Machine	Single or two heads for option, Cap unscreamer by elevator or Vibration Bowl
Sticker Labeling Machine	Sel-adhesive label with label height $\leq 120\text{mm}$
Air Source	0.4-0.7Mpa; 100L/min.
Power Source	AC380V; 50/60Hz; 3Phase
Control System	Touch Screen, PLC, Servo system



Company Profile

Shanghai Yuhang Industrial Co., Ltd. was established in Shanghai in 2014. It is a subsidiary of HongKong SINBON Industrial Limited. The factory specializes in the design and production of various filling machine, capping machine, labeling machine, metal detector, check weigher, induction sealing machines, packaging-related equipment etc., also provide solutions for complete packaging production lines. The company has attached great importance to product design and quality control since its establishment. The R&D and design personnel are all senior technical personnel in the industry. More than 10 years of rich practical experience in the industry ensure that our products can well meet the actual needs of users and can also be customized according to the actual needs of users. Users require non-standard customized equipment to meet users' different production equipment needs or solve actual production problems. In addition to making good products, we also actively support users in after-sales service, so that users can buy and use with peace of mind. Although most users are far away in time and space, our technical support is always by your side. The products have patent certificates and CE certificates and our equipment is currently working in most countries.

Contact Us**Shanghai YUHANG Industrial Co., LTD.**

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