

SPB-420/520/620/720 Automatic Powder Packaging Machine



This powder packaging machine completes the whole packaging procedure of measuring, loading materials, bagging, date printing, charging (exhausting) and products transporting automatically as well as counting. can be used in powder and granular material. like milk powder, Albumen powder, solid drink, white sugar, dextrose, coffee powder, nutrition powder, enriched food and so on.

Features

Servo drive for film feeding

Synchronous belt by servo drive is more better to avoid the inertia, make sure the film feeding to be more exact, and longer working life and more steady operation.

PLC control system

Program store and search function.

Almost all the operation parameter (such as feeding length, sealing time and speed) could be adjusted, stored and callout.

7 inch touch screen, easy operation system.

The operation is visible for sealing temperature, packaging speed, film feeding status, alarm, bagging count and other main function, such as manual operation, test mode, time & parameter setting.

Film feeding

Open film feeding frame with color mark photo-electricity, automatic correction function to make sure roll film, forming tube and vertical sealing is in the same line, which to reduce material waste. No need to open vertical sealing when correction to save operation time.

Forming tube

Completed set of forming tube for easy and fast changing.

Pouch length auto tracking

Color mark sensor or encoder for auto tracking and length recording, make sure the feeding length will match the setting length.

Heat coding machine

Heat coding machine for auto coding of date and batch.

Alarm and safety setting

Machine stop automatically when door open, no film, no coding tape and etc., to guarantee the safety of operator.

Easy operation

The bag packing machine can match most of balance and measuring system.
Easy and fast to change wearing parts.

Technical Specification

Model	SPB-420	SPB-520
Film width	140~420mm	180-520mm
Bag width	60~200mm	80-250mm
Bag length	50~250mm	100-300mm
Filling range	10~750g	50-1500g
Filling accuracy	$\leq 100g, \leq \pm 2\%$; 100 - 500g, $\leq \pm 1\%$; >500g, $\leq \pm 0.5\%$	$\leq 100g, \leq \pm 2\%$; 100 - 500g, $\leq \pm 1\%$; >500g, $\leq \pm 0.5\%$
Packing Speed	40-80bpm on PP	25-50bpm on PP
Install Voltage	AC 1phase, 50Hz, 220V	AC 1phase, 50Hz, 220V
Total Power	3.5kw	4kw
Air Consumption	0.5CFM @6 bar	0.5CFM @6 bar
Dimensions	1300x1240x1150mm	1550x1260x1480mm
Weight	480kg	550kg

Model	SPB-620	SPB-720
Film width	220-620mm	420-720mm
Bag width	100-300mm	80-350mm
Bag length	100-380mm	200-480mm
Filling range	100-3000g	2-5kg
Filling accuracy	$\leq 100g, \leq \pm 2\%$; 100 - 500g, $\leq \pm 1\%$; >500g, $\leq \pm 0.5\%$	$\leq 100g, \leq \pm 2\%$; 100 - 500g, $\leq \pm 1\%$; >500g, $\leq \pm 0.5\%$
Packing Speed	15-30bpm on PP	25-50bpm on PP
Install Voltage		AC 1phase, 50Hz, 220V
Total Power	4.5kw	5.5kw
Air Consumption	0.6CFM @6 bar	0.8CFM @6 bar
Dimensions	1600x1260x1680mm	1760x1480x2115mm
Weight	680kg	800kg