



Overall powder solution

PRODUCT CATALOGUE

Packing Machine

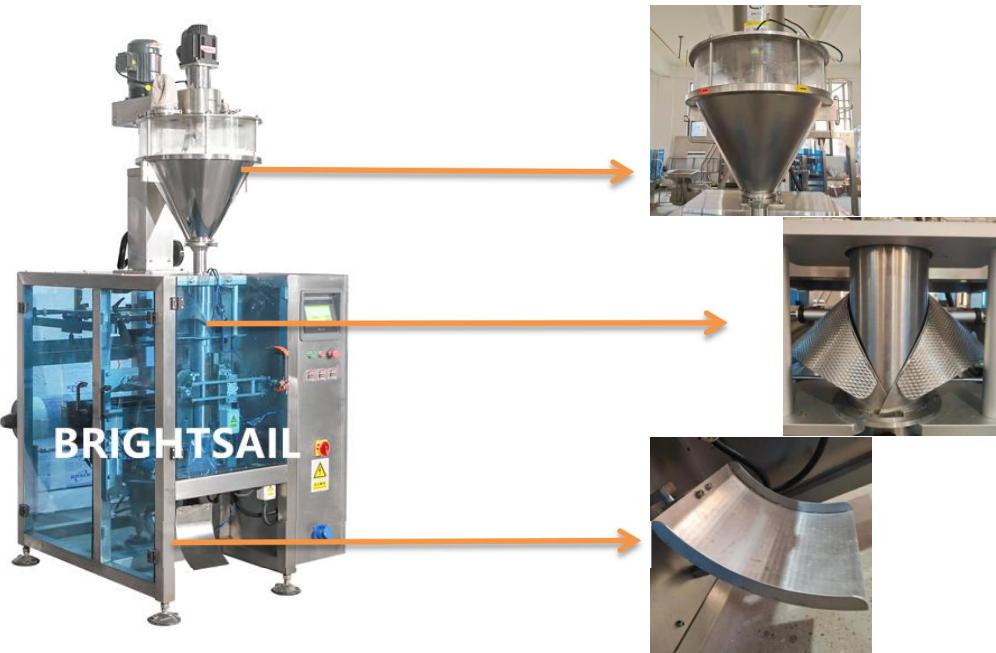
Sales Network



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■ Automatic Powder Packing Machine System



Introduction:

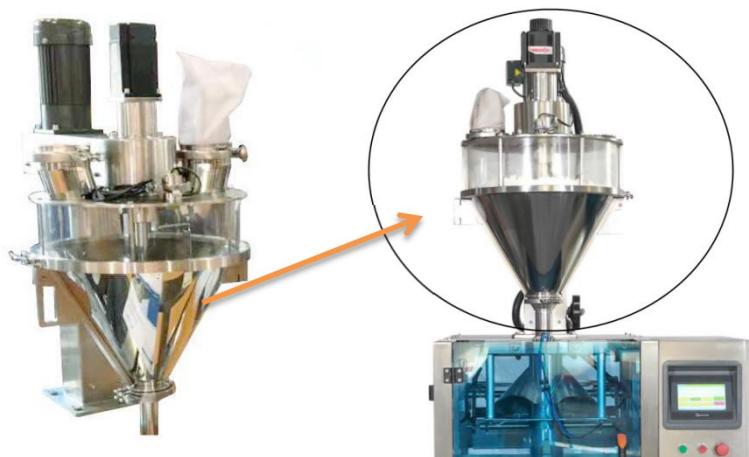
Our automatic powder packing machine mainly includes screw scale and BSPM vertical packing machine. BSPM powder packing machine uses PLC Servo System and pneumatic control system and super touch screen to compose the drive control center, which maximize the whole machine's control precision, reliability and intelligentized level.

Main Usage:

This system can do the work of bag-making, weighting, filling, filling the nitrogen, date coding, and bag-cutting. It is suitable for packing power and granule material such as milk tea, monosodium glutamate, solid beverage, sugar, grape sugar, coffee, feedstuff, solid medicine, powder type additive, and dye, etc.

Technical Data:

(1) Screw Scale (it is suitable for powder)





BrightSail

Packing Machine

Model	25L	50L	70 L
Hopper size	25L	50L	70L
Metering weight	10~500g	10~2000g	10~5000g
Measurement accuracy	$\leq \pm 0.5\% \sim 1\%$	$\leq \pm 0.5\% \sim 1\%$	$\leq \pm 0.5\% \sim 1\%$
Metering speed	30~45times/min	10~45 times/min	5~45 times/min
Power	1.6 KW	2.5 KW	3.5 KW
Weight	250 KG	280 KG	280 KG

(2)BSPM vertical automatic packing machine



Models	BSPM-320	BSPM-420	BSPM-520	BSPM-620	BSPM-720	BSPM-820
Bag size(mm)	W:50-150	W:80-200	W:100-250	W:120-300	W:150-350	W:200-400
	L:50-200	L:80-250	L:100-300	L:120-350	L:150-400	L:200-450
Bag Shape	Back Seal					
Power(kw)	2.5			3.5		
Packaging weight range (powder) (g)	≤ 200	≤ 500	≤ 1500	≤ 3000	≤ 4000	≤ 6000
Packing speed (bag /min)	25-60 (according to material characteristics and packing weight)					
Packaging Accuracy	$\pm 1\%$ (according to material characteristics and packing weight)					

■ **BSPM - F Sachet Automatic Powder Packing Machine**



Introduction:

BSPM - F is our small bag fully automatic filling machine, used for packing powder or granules into super small bags. It can do dosing and filling work for food, chemical, and pharmaceutical industry. With automatic weighing function, different size bags can be filled. Certainly, the packing bag size has a limit, the size should be within 30-100mm in width and within 30-165mm in length.

Advantages:

1. The machine is composed of filling equipment, dosing hopper, column and electronic control system.
2. There will be Chinese/English operation instruction displayed on the touching screen for operation convenience.
3. Screw conveyor machine can be added for the realization of automatic feeding process.
4. The packing machine is fully automatic, very convenient.

Technical Data:

Film width	50-240mm
Bag size	W:30-150mm L:30-170mm
Packing speed	35~65 packs/minute
Measure method	auger weighing
Sealing type	3/4 side seal, back seal
Measure weight	5 ~100 g
Power	1.5KW
Power supply	1P/220V/50HZ (can be customized)
Machine size	1100*850*1800mm
Weight	220kg

■ **BSPM-A/B/C Semi-automatic Powder Auger Filler**



Introduction:

BSPM-A/B/C semi-auto Powder Auger Filler can fill powder into bags and bottles mainly. It is widely used in food industry, such as milk powder, glucose, protein powder, coffee powder, rice powder, milk tea powder, seasoning powder and so on.

Features:

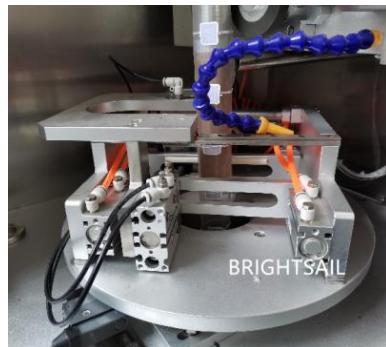
1. The main parts of machine is made by stainless steel, which suit for GMP, Food sanitation certification, and Anti-corrosion chemical products packing.
2. Touch-screen man-machine interface : work stability, anti-interference, high-precision weighing, easy and intuitive to operate. According to your requirement, change the packaging weight and working parameter at any time, easy to control.
3. Servo motor driving the screw, with the advantage of high-precision orientation, high-speed, great-torque, long-life, stable performance.
4. Stainless steel hopper, dust does not leak, the Suction device to keep the clean of the workshop.

Technical Data:

Model	BSPM-A	BSPM-B	BSPM-C
Dosing Technique	By auger		
Filling Range	10-500g	10-2000g	10-5000g
Accuracy	$\leq 100\text{g}, \pm 2\%$; $100 - 500\text{g}, \pm 1\%$; $\geq 500\text{g}, \pm 0.5\%$ (depend on product property and filling weight)		
Speed	10~45 bags/min (depends on worker handle speed)		
Container Model	Can, Bag, Bottle, etc.		
Hopper Size(L)	25	50	75
Motor(KW)	1.5	1.5	2.5
Motor(KW)	Stainless steel 304		

■ Tea Bag Packing Machine

(1) BS-20D Triangle Bag Non-woven Packaging Machine



Main Usage:

The main application examples are: herbal tea, fruit tea, original tea, coffee, traditional Chinese medicine tea, granules and so on. It is very convenient to adjust, operate and maintain during use. It can be used in conjunction with a variety of different metering equipment.



Technical Data:

Model	BS-20D
Packed weight	1-20 g/bag
Bag paper requirements	Nylon, non - woven fabric, corn fiber and other ultrasonic sealing materials
production speed	40 ~ 60 bags per minute
Outer diameter of coil	$\leq \Phi 350\text{mm}$
Inner diameter of coil	$\Phi 76\text{mm}$
Air pressure	$\geq 0.6\text{Mpa}$
Power	1.4Kw (220V)
Equipment form	L850×W900×H1700 (mm)
Weight	350kg

(2)BS-C12 Teabag With Line And Label Packaging Machine



Introduction:

The automatic tea bag tape line and label packaging machine can automatically complete the functions of bag making, measuring, filling, sealing, cutting, counting and so on. The packaging bag has a lifting thread and an original labeling device.

Features:

1. Adopt PLC control, with automatic photoelectric tracking and correction function;
2. The bag length is adjusted randomly, which is extremely accurate and convenient;
3. When the machine fails, it will be automatically displayed on the operation interface for easy maintenance;
4. The number of packets can be set for alarm function.
5. It complies with GMP industry standards, and has the characteristics of stable performance, convenient operation and maintenance, and high efficiency.

Technical Data:

Model	BS-C12
Metering method	Volumetric method
Packing material	Tea filter paper, cotton thread, label.
Capacity packing	Crushed tea about 1.5~5g, 3~15ml
Bag size	L:50 ~ 75 mm W:50 ~ 75 mm
Tag size	L:18~23mm W:28mm
Packaging speed	~40 bags/min
Overall dimension	900mm* 950mm* 1800mm
Total weight	350KG
Power	220V/50HZ/1.6KW

(3)BS-NW160 Inner And Outer Bag Packaging Machine



Features:

1. It is suitable for the one-time packaging of small particles such as tea, medicinal tea, health tea, grass roots, etc. inside and outside the bag.
2. The film pulling of the inner and outer bags is controlled by a stepping motor, with stable bag length and accurate positioning.
3. Using PID to adjust the temperature controller, the temperature control is more accurate.
4. PLC is used to control the action of the whole machine, and the man-machine interface is displayed to ensure the hygiene and reliability of the product.
5. Packaging materials: tea filter paper, cotton thread, composite film and label.

Technical Data:

Model	BS - NW160
Sealing type	Trilateral sealing
Measuring range	3 - 10 g (1.6 ~ 26 ml)
Inner bag size	L: 50 - 70 mm W : 45 - 80 mm
Outer bag size	L: 80 - 120 mm W: 75 - 95 mm
Packaging speed	30 - 40 bags / min
Overall dimension	1750mm*740mm*1950 mm
Total weight	500 kg
Power	AC220V/ 50Hz /3.7kw
Air supply needed	≥0.4m /min

■ **BSPM Small Granule Vertical Packing Machine System**

Features of small granule packing machine

1. This equipment is configured in accordance with the conventional bagging process, and the entire production process is highly automated and meets GMP sanitary standards;
2. Suitable for loose, non-sticky, fine granular materials **like detergent powder**.
3. The supporting machines of this equipment are all stainless steel except for the materials indicated, and all the machine structures are selected and designed in accordance with food hygiene standards;
4. The material of the container in contact with the material is food-grade SUS304;
5. The structures that are frequently dismantled and washed are all connected by easy-to-disassemble parts to ensure convenient handling and sanitation when shifting or changing products
6. This equipment needs 1-2 employees during normal production.



Part 1: Vacuum Feeding Machine

Part 2: Hopper Weighing Scale (Designed for Small Granule)



Weighing hopper	4	2
Feed method	double vibrating	
Measuring method	electronic weighing feedback	
Packing weight	50-1000g	50~3000g
Packing accuracy	$\leq 1-2g$	
Pack speed	$\sim 24-32$ bags/min	$\sim 12-16$ bags/min
Power	1P/220V/50HZ	
Motor	1.0KW	
One hopper volume	3.6L	10L
remark	We have more models if you need.	

Part 3:Working Platform



Size	2000*2000*1800mm
Material	SS304
Remark	This size is only for reference,can be customized

Part 4: BSPM Vertical Making Machine



Model	BSPM-520	BSPM-720
Film width	520	720
Bag length	100~300 mm	150~400 mm
Bag width	100~250 mm	150~300 mm
Pack speed	20~80 bags/min	15~18 bags/min
Motor	3.5KW	3.5KW
Remark	We have more models to satisfy your needs	

Part 5:Belt Conveyor



Belt width	300mm
Discharging Height	900mm

■ **BSPM-A100 Big Bag Packer for powder**



Advantages:

1. Equipped with safety protection, comply with firm's safety management requirements.
2. Use intelligent temperature controller to have accurate temperature, which ensures the artistic and neat seal.
3. Use PLC Servo System and pneumatic control system and super touch screen to compose the drive control center, which maximize the whole machine's control precision, reliability and intelligentized level.
4. Touch screen can store the technical parameters of various kinds of products, it is unnecessary to reset while products changing.
5. With error indicating system, which help to handle the trouble immediately.
6. Make pillow bags and hanging bags in terms of customers' different requirements.



Technical Data:

Model	BSPM-A100
Package weight	5~50 KG (depending on raw material)
Packing accuracy	≤1‰
packaging speed	2-4 packs per minute
Hopper volume	150L
Total power	2KW
Overall Dimensions	1000*1000*2300mm

■ **BSPM-B100 Big Bag Packer for superfine powder**



Features:

1. A weight sensor is installed under the container tray, fast and slow filling according to the preset weight to ensure high packaging accuracy.
2. Servo motor drives the tray up and down, the lifting speed can be set arbitrarily, and basically no dust is raised to pollute the environment during filling.
3. Servo motor and servo drive control screw, stable performance and high precision.
4. PLC control, touch screen man-machine interface display, easy to operate.
5. All stainless steel structure; combined material box, easy to clean.
6. The filling head is equipped with an adjustable height device, which can easily achieve a variety of specifications for packaging.
7. The fixed screw installation structure will not affect the material properties during filling.
8. Work flow: manual bagging or canning → container raising → fast filling, while the container drops → weight reaches the preset value → slow filling → weight reaches the target value → stop → manually take out the container.
9. Pneumatic bag clamping device and can holding device are available for selection, just choose different devices to meet the requirements of canning and bagging.

Technical Data:

Model	BSPMB-100
Packing weight	5-50kg (depending on raw material)
Packaging Accuracy	5-20Kg, $\leq \pm 0.1\text{-}0.2\%$; $\geq 20\text{Kg}, \leq \pm 0.05\text{-}0.1\%$
Packaging speed	2-4 bags per minute
Power supply	3P AC380V 50Hz
Total power	3.3KW
Total weight	450KG
Material box volume	100L
Boundary dimension	800mm*1200mm*3200mm
Air source	0.6-0.8Mpa(The air compressor is provided by the customer)

Big Bag Packing Solution

Packing Process:

Screw feeder → ultra-fine powder packaging machine (with lifting) → heat sealing machine → sewing machine + conveyor belt.

Brief Description:

1. This bag packaging production line is configured in accordance with national standards, and the entire production process is highly automated and meets Chinese production standards;
2. Introduction of the production line
 - a. Brief description of machinery and equipment
 - (1)The appearance and material contact parts of the supporting production line of this production line are made of 304 stainless steel, and all machine structures are selected and designed in accordance with food hygiene standards;
 - (2)The materials of the containers in contact with the materials are all food-grade SUS304 or food-grade PP materials;
 - (3)The structures that are frequently dismantled and washed are connected by easy-to-disassemble parts to ensure convenient handling and sanitation when shifting or changing products;
 - b. This set of production line requires 1-2 employees during normal production.



Heat sealing



Sewing machine



Belt conveyor

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