

I. Vertical Packaging Unit

1. Classical single unit

VFS320/5000D/5000B/7300B/7800/1100 vertical filling packaging machine



Model	External dimensions (L×W×H)mm	Type of bag	Range of bag width (L×W)mm	Packaging speed, bags/min	ID of reel	Max. allowable OD of reel	Compressed air requirement	Power supply
VFS320	1050x 800x1010	Pillow bag, gusset bag, die cut bag	(50~200) x (80~150)	40~80	Φ72mm	Φ400mm	0.6MPa 350L/min	380V 50~60HZ 3KW
VFS5000D	1470x988x1400		(50~280) x (70~180)	30~80	Φ75 mm	Φ400 mm	0.6MPa 360L/min	380V 50~60HZ 3KW
VFS5000B	1800×1220×1680		(50~340) x (80~250)	20~90	Φ75mm	Φ450mm	0.6MPa 350L/min	380V 50~60HZ 5.5KW
VFS7300B	1854×1440×1930		(50~460) x (80~350)	30~80	Φ75mm	Φ500mm	0.6MPa 350L/min	380V 50~60HZ 6KW
VFS7800	1900×1470×2080		(50~430) x (70~375)	20~70	Φ75mm	Φ450mm	0.6~0.8MPa 350L/min	380V 50~60HZ 3.0KW
VFS1100	2150x1750x2300		(300~650) x (300~535)	5~30	Φ75mm	Φ450mm	0.6~0.8MPa 300L/min	380V 50~60Hz 4.5Kw

Application

- Ultra-fine powder (e.g. rice flour, milk powder, building materials, coffee powder, seasoning powder, toner)
- Granular material (e.g. forage, granular fertilizer, seeds, nuts)
- Flaky material (e.g. potato chips, crackers)
- Strip material (e.g. noodles, bean sprouts, Chinese medicine decoction piece)
- Paste materials (e.g. bean paste, paste, architectural coating)
- Solid / liquid mixture (e.g. pickled pepper)

Technical features

- This machine integrates the functions of bag-making, filling, sealing, printing, punching and counting.
- Adopts servo motor for film pulling with automatic offset correction. Two types of drive, i.e. cylinder and servo can be adopted for transverse sealing (for convenient selection by the customer under different operating condition); there are two types of longitudinal sealing mechanism, i.e. center sealing type and platen press type (the user can choose according to specific material and the film roll).
- The machine has good sealing performance and can meet customer's hygienic requirements.
- All the electrical components and control components adopt local and foreign well-known brands with reliable performance; man-machine dialogue platform, both the operator and debugging personnel can set parameters through the touch screen.

VFS 7300/5000 A5 fully automatic box type bag making packaging machine



Model	External dimensions (L×W×H)mm	Type of bag	Range of bag width mm	Packaging speed bags/min	ID of reel	Max. allowable OD of reel	Compressed air requirement	Power supply
VFS5000A5	2455X 1230 X 1660	Pillow bag, box bag,	Front face width: 50~190 Side face width: 35~90 Width of side seal: 5~8 Bag length range: 100~420mm Max. width of packaging material: 520mm	8~45	Φ75mm	Φ450mm	0.6MPa 350L/min	380V 50~60HZ 3KW
VFS7300A5	2550X 1420 X 1930	die cut bag	Front face width: 60~260 Side face width: 45~120 Width of side seal: 5~10 Bag length range: 100~460mm Max. width of packaging material: 730mm	2~45	Φ75mm	Φ450mm	0.6MPa 350L/min	380V 50~60HZ 3KW

Application

Powders like milk powder, protein powder, rice flour, coffee powder, seasoning, toner, etc. as well as granular materials like forage, coffee beans, etc.

Technical features

- This machine integrates the functions of bag making, filling, sealing, printing, punching and counting, has automatic offset correction function, both the transverse sealing and film pull mechanisms adopt servo motor for transmission so as to guarantee high efficiency of the machine.
- The side seal former is an independent mechanism, and has an independent offset correction system in the forming and side sealing process, which guarantees the stability of its side sealing and forming mechanism.
- Control components all adopt well-known international brands with reliable performance; the operator can perform parameter operation on the touch screen.
- Can make multiple types of bag like four-side-sealed box bag, gusset bag, pillow bag, etc.
- Can be equipped with automatic welding valve device, and can make the type of bag that needs to be added with vent valve according to material requirements.

VFS5000FJ/7300GZ /7300GY extrusion type packaging machine



Model	External dimensions (L×W×H) mm	Type of bag	Range of bag width mm	Packaging speed bags/min	ID of reel	Max. allowable OD of reel	Compressed air requirement	Power supply
VFS5000FJ	1480×1250×1600	Pillow bag	(50~450) × (80~250)	2~35	φ75mm	φ400mm	0.6MPa 360L/min	380V 50~60HZ 3KW
VFS7300GZ	1770×1500×1980		(150~500) × (100~350)	1~35	φ75mm	φ500mm	0.6MPa 360L/min	380V 50HZ 3KW
VFS7300GY	1770×1500×1980		(150~500) × (100~350)	1~25	φ75mm	φ500mm	0.6MPa 360L/min	380V 50HZ 3KW

Application

Suitable for packaging of food, medicine, seasoning, daily-use articles, chemical materials such as hot pot condiment, soy milk, dairy products, soy sauce, vinegar, flour paste, bean paste, shampoo, hand washing solution, water repellent, purified drinking water, etc., among them VHS7300GZ machine is especially suitable for packaging of thick paste material of higher concentration.

Technical features

1. This machine integrates the functions of bag making, filling, sealing, printing and counting, it releases the film easily and stably and has the automatic offset correction function.
2. This machine adopts the design of synchronous film pulling and extrusion, can ensure that the gas is expelled completely in the production process so as to complete vacuum packaging with high efficiency of exhaust.
3. Control components adopt international well-known brands, cylinder drive is adopted for horizontal sealing mechanism, servo motor used for film pulling, asynchronous motor used for film release so as to ensure stable and reliable machine running.
4. Compression cylinder is added below the bag former collar to make the film pulling stabler.

VFS5000E integrated packaging machine for envelope bag and M-shaped bag



Model	External dimensions (L×W×H) mm	Type of bag	Range of bag width mm	Packaging speed bags/min	ID of reel	Max. allowable OD of reel	Compressed air requirement	Power supply
VFS5000E	2000×1400×2050mm	Envelope bag, M-bag, die cut bag	Envelope bag (100~240)×(80~160)	20~60	φ75mm	φ450mm	0.6~0.8MPa 500L/min	380V 50~60Hz 6.0Kw
	M-bag (130~150) × (35~40) × (200~280) (Front face width x side face width x bag length)							

Application

Seeds, almonds, pecans and other roasted food.

Technical features

1. This machine integrates the functions of bag making, sealing, slitting, punching and printing to ensure secure bag seal and nice appearance. The parts of the machine in contact with the material are all made of 304 stainless steel to ensure food safety.
2. This machine adopts splint type film pulling to ensure uniform stress of packaging materials suffered during the operation, the packaging material is not easy to deform and deviate, the bag shape is beautiful and stereoscopic, servo motor is adopted to ensure stable bag length during the packaging.
3. This machine has the characteristics of stable running, simple operation, concise structure, beautiful appearance and convenient cleaning and maintenance.

VFS5000G high-speed anti-breakage bag-making, filling and packaging machine



Model	External dimensions (L×W×H) mm	Type of bag	Range of bag width mm	Packaging speed bags/min	ID of reel mm	Max. allowable OD of reel mm	Compressed air requirement	Power supply
VFS5000G	1760x1496x1765	Pillow bag, gusset bag, die cut bag	(50~500) × (65~260)	50~120	φ75mm	φ400mm	0.6MPa 500L/min	380V 50-60Hz 6.0KW

Application

Granules, powder, flakes, balls, irregular materials, etc. Especially suitable for easily broken material.

Technical features

This machine integrates the functions of bag making, filling, sealing, printing, punching and counting, adopts double servo motor for film pulling and has automatic offset correction function. The cutter can adopt one of such three types – flat knife, serrated knife and dot dash line. The control components all adopt international famous brand products with reliable performance. Servo motor can be selected for transverse sealing mechanism with stable and reliable action. Patented anti-breakage technology, widely applied in quick freezing trade and its adjustment, operation and maintenance during the operation are very convenient. Can be used with various types of automatic metering equipments at home and abroad. This packaging machine is of continuous packaging type without interruption of film pulling, thus realizing continuous film pulling and greatly improving packaging speed.

VFS7600DS liquid melt cutting packaging machine

Application

Liquid of good fluidity like water, beer, soy sauce, wine, etc.

Technical features

1. The bag former adopts anti-adhesion technology of roll film, which can reduce film pulling resistance and reduce deformation of the roll film.
2. The horizontal sealing cutter adopts the technology of melt cutting in water to isolate the liquid in the bag from the outside air during the sealing.
3. The film release part is designed with three cleaning procedures to keep the film clean, that is, sterilizing pool, washing pool and UV sterilizing lamp.
4. The film pulling mechanism adopts double roller squeeze rolling for film pulling, which can avoid deviation of film during pulling. Meanwhile, it can avoid slip during film pulling, thus can ensure the accuracy of bag length.
5. The holding and unloading bag mechanism adopts double cylinder control, it imitates the action of human hands to hold the bag during the sealing of transverse sealing mechanism so as to ensure the bag is broken by melting instead of snapping.
6. The machine integrates the functions of bag making, filling, sealing, slitting and counting.



Model	External dimensions (L×W×H) mm	Type of bag	Range of bag width mm	Packaging speed bags/min	ID of reel mm	Max. allowable OD of reel mm	Compressed air requirement	Power supply
VFS7600DS	1760×1400×2140	Pillow bag	Max. bag width: 370	6-15	φ75mm	φ400mm	0.6MPa 350L/min	380V 50-60HZ 3.0KW

2. Powder packaging unit

VFS5000D/5000B/7300B/1100 powder packaging unit – pillow bag

This unit is composed of one CJS2000 auger weighing machine and one 5000D/5000B/7300B/1100 vertical filling packaging machine, which is especially suitable for metering and packaging of ultrafine powdery material with heavy flying dust. It integrates the functions of metering, bag-making, packaging, sealing, printing and countering, it is equipped with advanced level switch, or it can be added with anti-static device and dust extraction device. It effectively solves the difficult problem of fully automatic packaging of powdery material.

Type of bag:

pillow bag, gusset bag and die cut bag



Model	Bag-making size mm	Metering range g	Measuring accuracy	Packaging speed bags/min
VFS5000D	(50~280) × (70~180)	10-1000	≤100g Deviation ≤ ±2%, 100-500g Deviation ≤ ±1%, ≥500g Deviation ≤ ±0.5%	10-50
VFS5000B	(50~340) × (80~250)	100-2000		10-50
VFS7300B	(50~460) × (80~350)	100-5000		10-50
VFS1100	(300-650) × (300-535)	1000-10000		6-30

VFS5000A5/7300A5 box bag packaging unit

This unit consists of box bag packaging machine, auger metering machine, elevator, belt conveyor, weight checker etc. and a latest type of automatic metering packaging unit for milk powder developed by our company, the packaging bag is added with four corner edges based on vertical bag, making the spatial sense of the packaging bag stronger and appearance more beautiful and decent and your product have more attraction. This packaging machine used imported servomotor for film delivery, and man-machine interface uses advanced touch screen to make operation simpler and more convenient.



Model	Bag size mm	Metering range g	Measuring accuracy	Packaging speed bags/min
VFS5000A5	Front face width: 50~190 Side face width: 35~90 Width of side seal: 5~8 Bag length range: 100~420mm Max. width of packaging material: 520mm	10—2000	≤100g Deviation ≤ ±2%, 100~500g Deviation ≤ ±1%, ≥500g Deviation ≤ ±0.5%	10~40
VFS7300A5	Front face width: 60~260 Side face width: 45~120 Width of side seal: 5~10 Bag length range: 100~460mm Max. width of packaging material: 730mm	10—5000		10~30

VFS7300 explosion-proof packaging machine

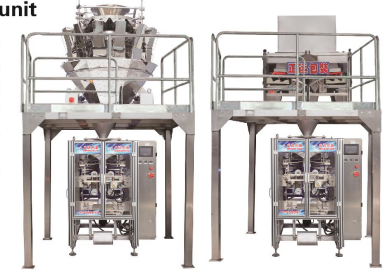


Model	Bag size mm	Metering range g	Measuring accuracy	Packaging speed bags/min	Explosion-proof grade
VFS7300	(50~460)×(80~350)	4000~8000	±0.2%~±0.5%	6—8 (May vary depending on properties of material)	IP55 (or determined according to customer's requirements)

3. Granule packaging unit

VFS5000D/5000B/7300B/1100 granule packaging unit

The unit consists of a VFS7300 vertical filling packaging machine, a combination scale (or CJS2000-F weighing machine) and DT2 vertical bucket elevator, integrates the functions of weighing, bag-making, edge-folding, filling, sealing, printing, punching and counting, adopts servo motor driven timing belts for film pulling. All the control components adopt international famous brand products with reliable performance. Both transverse and longitudinal sealing mechanism adopt pneumatic system with stable and reliable action. Advanced design ensures that adjustment, operation and maintenance of this machine are very convenient.



Model	Bag size mm	Metering range g	Measuring accuracy	Packaging speed bags/min
VFS5000D	(50~280)×(70~180)	10~1000	0.2%	25~80
VFS5000B	(50~340)×(80~250)	10—2000	0.2%	10—50
VFS7300B	(50~460)×(80~350)	200~5000	0.2%	10—50
VFS1100	(300~650)×(300~500)	500~1000	0.2%	10~30

VFS5000DS / 5000DSS measuring cup metering packaging unit

This unit consists of a measuring cup metering machine and one VFS4000 vertical filling packaging machine. It is especially suitable for metering and packaging of fine particle material. It integrates the functions of automatic metering, bag-making, packaging, sealing, printing and counting. The operating interface adopts advanced touch screen.



Model	Bag size mm	Metering range g	Measuring accuracy	Packaging speed bags/min	Remarks
VFS5000DS	(50~280) X (80~180)	100~500 (Other weight is customizable)	1%	30~70	Single-row unit
VFS5000DSS	(50~280) × (80~180)		1%	100~120	Double-row unit

VFS5000E envelope bag and M-bag packaging unit

This machine integrates the functions of bag-making, filling, sealing, printing and counting and can make M-bag, envelope bag etc. It adopts transverse seal clamp type film pulling mechanism and is especially suitable for formation and bag making of special material like paper-plastic composite material, woven cloth, etc. It has the function of automatic offset correction. The control components all adopt international famous brand products with reliable performance. Both the transverse and longitudinal sealing mechanism adopt pneumatic system with stable and reliable actions and very convenient adjustment, operation and maintenance. It can be used with various types of automatic metering equipments at home and abroad.



Model	Bag size mm	Metering range g	Measuring accuracy	Packaging speed bags/min
VFS5000E	Envelope bag - (100-240) x (80-160) (bag length x bag width)	50-2000	0.2%	20-60
	M-bag - (130-150) x (35-40) x (200-280) (front face width x side face width x bag length)	50-2000	0.2%	

4. Liquid and paste packaging unit

VFS5000B/7300B liquid filling unit

This machine is a liquid filling machine, the liquid is metered by the servo rotor metering pump and enters the packaging bag through bag former so as to complete quantitative bag-making and packaging process, the entire machine is fully automatically controlled, i.e. automatic lifting and feeding, automatic metering and filling and automatic bag-making and packaging.

Operating principle of equipment:

switchover of weight specification jut by one-key stroke, touch screen setting to sufficiently realize man-machine dialogue.



Model	Bag size mm	Metering range g	Measuring accuracy	Packaging speed bags/min
VFS5000B	(50-340) X (80-250)	100-2000	0.5%	10-70
VFS7300B	(50-460) X (80-350)	100-5000	0.5%	10-40

VFS7300GY liquid oil packaging unit

This unit is developed for the need of metering and filling of high viscosity media. It is equipped with servo rotor metering pump for metering with the function of automatic material lifting and feeding, automatic metering and filling and automatic bag-making and packaging, and is also equipped with the memory function of 100 product specifications, the switchover of weight specification can be realized just by one-key stroke.



Model	Bag size mm	Metering range g	Measuring accuracy	Packaging speed bags/min
VFS7300GY	(150-500) × (100-350)	< 5000	≤ 0.5%	8-25
VFS7300GZ	(150-500) × (100-350)	< 5000	≤ 0.5%	8-15

5. Nonstandard unit

VFS1100 bag-in-bag packaging unit

This unit is mainly to complete the fully automatic packaging process of neatly loading the already packaged small bag products (150-1000g) into composite film plastic bags and heat sealing according to the requirements (form of arrangement: single or double-row horizontal grouping etc.) so as to realize fully automatic operation from small pack packaging of bulk material to packaging of composite film plastic bags, save input in manpower, material and financial resources, reduce production cost for customers as well as improve production efficiency. This unit is widely used for packaging of powdery and granular materials like washing powder, salt, seeds, milk powder, etc. and is the first choice machine of many large companies for secondary packaging.

The equipment mainly consists:

double-layer inclined conveyor, high-speed conveyor, counting and unscrambling machine, vertical bag-making, filling and packaging machine and product conveyor, etc.

Production process flow:

pouch → horizontal conveyor → double-layer inclined conveyor → high-speed conveyor → counting and unscrambling machine → vertical bag-making packaging machine → Sealing → product output.



This unit has the following advantages:

1. VFS1100 fully automatic packaging machine can realize the functions of automatic bag making, product counting, filling, heat sealing and output. Realizes unmanned packaging process.
2. This unit adopts touch screen control, and features convenient operation, specification changeover and maintenance as well as safety and reliability.
3. It can realize multiple forms of arrangement in order to satisfy customer's requirements.

Model	Packaging scope g	Packaging speed bags/min	Form of arrangement
VFS1100	150-1000 bagged products	2-4 for big bags 40-80 for small bags	Horizontal single or double-row grouping

VFS5000B/7300B/1100 fully automatic packaging unit for bean sprouts

This fully automatic packaging line can automatically complete fully automatic weighing, bag making, filling, packaging etc. of vegetable like soybean & mung bean sprouts etc.

1. The automatic metering and packaging line for bean sprouts consists of material distribution, metering, transporting, bag making and packaging etc.
2. The material distribution (feeding) mechanism adopts special distribution conveyor to control 3-level feeding: fast, slow and precision feeding.
3. The metering mechanism adopts high accuracy sensor (0.02%) and high-resolution control instrument to constitute the metering control system with high accuracy and good stability.
4. Weight range: adjustable within the range of 100g – 5000g. Suitable for packaging of packaging bags of various types of material.
5. The whole line adopts touch screen and PLC control, parameter setting and weighing calibration are simple and easy to understand, and the operation is convenient.
6. Reasonable structural design and convenient cleaning.



Model	Bag size mm	Metering range g	Measuring accuracy	Packaging speed bags/min
VFS5000B/7300B/1100	According to user's need	100g-5000g	±1%	15-30

JS40 fully automatic metering and packaging unit

1. This machine can realize automatic counting of various types of materials of same geometry shape (such as longan, amomum saoko, fish balls, screws, etc.), with high accuracy and fast speed.
2. This machine is suitable for the sectors of hardware, household appliance accessories etc.



Model	Name	Material to be counted	Metering accuracy	Packaging speed Grains/min
JS40	Single/double/four-/multi-head	Dry material of regular shape	≥99.5%	60-90 (Customized according to need)

DXDK110 fully automatic weighing packaging unit

This unit is specially provided for small packaging of granular materials (such as tea, seeds, small food, etc.). It consists of a small four-head scale, middle hopper, small packaging machine, and can effectively prevent the problem of tea hollowing, blockage, etc.



Model	Bag size mm	Metering range g	Metering accuracy	Packaging speed bags/min
DXDK110	(50-200) x (50-130)	3~20	≤±0.2g	40~45

CJ1000K ton-bag packaging machine

CJD1000K quantitative ton-bag packaging machine adopts high accuracy sensors (0.02%) and high-resolution control instruments to constitute the metering control system with high accuracy and good stability. The feeding mechanism adopts gate valves of two diameters to control 3 levels of feeding: fast, slow and precision feeding and is suitable for materials of various properties and states.

The machine has wide packaging range, adjustable in the range of 500~1200kg. It is suitable for packaging of big packaging bag.

Parameter setting and weighing calibration are simple and easy to understand and the operation is convenient.



Model	Form of packaging	Feeding range	Metering accuracy	Packaging speed
CJ1000K	Ton-bag	500—1200kg	Static accuracy 0.1%FA. OIML level III, dynamic accuracy 0.3%	Feeding starting to feeding end, 4-6 tons/hour

II. Bag feeding packaging unit

CF6-200A/200A-S/300A 6-station packaging unit

This machine is the classical model for bag feed fully automatic packaging, can independently complete such works as bag pickup, date printing, bag mouth opening, filling, compaction, heat sealing, shaping and output of finished products, etc. It is suitable for multiple materials, the packaging bag has wide adaptation range, its operation is intuitive, simple and easy, its speed is easy to adjust, the specification of packaging bag can be changed quickly, and it is equipped with the functions of automatic detection and safety monitoring, it has outstanding effect for both reducing loss of packaging material and ensuring sealing effect and perfect appearance. The complete machine is made of stainless steel, guaranteeing hygiene and safety.

S-shaped bag feed packaging machine adopts servo motor for its main power, the merit is stable operation and fast speed, when a fault occurs with the metering scale or there is no material, the packaging machine does not run and stops and waits for material, when the metering scale discharges material, the packaging machine runs automatically, thus not only improving production efficiency, but also reducing wastage of packaging bags.



Suitable form of bag:

four-side-sealed bag, three-side-sealed bag, self-standing bag, handbag, zipper bag, plastic bag with cover, paper-plastic bag, etc.

Suitable material:

materials like liquid, sauce, granules, powder, material of irregular shape, etc.

Material of the packaging bag:

preformed bag and paper-plastic bag etc. made of multiply composite film.

Model	Bag size mm	Metering range g	Packaging speed bags/min	Control motor
CF6-200A	W:100-200mm L:100-300mm	5-1000	25-45	Variable frequency motor
CF6-200A-S	W:100-200mm L:100-300mm	5-1000	25-45	Servo motor
CF6-300A	W:180-300mm L:200-500mm	100-2500	20-40	Variable frequency motor

CF8-200A/200A-S/200B/200B-S 8-station packaging unit

This machine is the classical model for bag feed fully automatic packaging, can independently complete such works as bag pickup, date printing, bag mouth opening, filling, compaction, heat sealing, shaping and output of finished products, etc. The packaging bag has wide range of adaptation, the operation is intuitive and easy, and there are models with automatic adjustment of bag width for option, its speed is faster and its use is more convenient. Can be equipped with multiple filling devices, intelligent combination scale device, auger weighing device, liquid/paste filling device, measuring cup filling device as well as filling device for other special products, can be used for other external matching equipment to make simple combination in order to substitute conventional manual packaging, realize automated packaging and production of enterprise products, improve production efficiency of the enterprise and greatly reduce product cost.

S-shaped bag feed packaging machine adopts servo motor for its main power, the merit is stable operation and fast speed, when a fault occurs with the metering scale or there is no material, the packaging machine does not run and stops and waits for material, when the metering scale discharges material, the packaging machine runs automatically, thus not only improving production efficiency, but also reducing wastage of packaging bags.



Suitable form of bag: four-side-sealed bag, three-side-sealed bag, self-standing bag, handbag, zipper bag, plastic bag with cover, paper-plastic bag, etc.

Suitable material: materials like liquid, sauce, granules, powder, material of irregular shape, etc.

Material of the packaging bag:

preformed bag and paper-plastic bag etc. made of multiply composite film.

Model	Bag size mm	Metering range g	Packaging speed bags/min	Control motor
CF8-200A	W:100-200mm L:100-300mm	5-1000	25-45	Variable frequency motor
CF8-200A-S	W:100-200mm L:100-300mm	5-1000	25-45	Servo motor
CF8-200B (Can adjust bag width automatically)	W:100-200mm L:100-300mm	5-1000	25-45	Variable frequency motor
CF8-200B-S (Can adjust bag width automatically)	W:100-200mm L:100-300mm	5-1000	25-45	Servo motor

CF8-300A/350A 8-station big bag packaging unit

This machine is the new generation packaging machine developed by our company for large pre-fabricated bags. Its operation is convenient, it adopts Siemens PLC control, equipped with color POD (touch screen) with friendly man-machine interface; it adopts horizontal bag feed, can store more bags, can quickly change bag specification with high bag separation and feed efficiency; it adopts variable frequency speed control, the speed and bag width can be adjusted arbitrarily within the specified range; it has wide range of packaging, and can be applied to packaging of various kinds of materials such as miscellaneous grains, mountain products and rare wild animals, snack food, liquid, sauce, granules, powder, material of irregular lump, etc. by selecting different metering device.

Suitable form of bag:

four-side-sealed bag, three-side-sealed bag, self-standing bag, handbag, zipper bag, plastic bag with cover, paper-plastic bag, etc.

Suitable material:

materials like liquid, sauce, granules, powder, material of irregular shape, etc.

Material of the packaging bag:

preformed bag and paper-plastic bag etc. made of multiply composite film.



型号	制袋尺寸mm	计量范围g	包装速度包/分	控制电机
CF8-300A	W:180-300mm L:200-500mm	100-2500	20-40	Variable frequency motor
CF8-350A	W:240-350mm L:200-500mm	100-5000	8-15	Variable frequency motor

CF1-300 bag feeding packaging machine

This machine is the single-station bag feed fully automatic packaging unit developed by our company, and can independently complete such works as bag feed, bag opening, filling, dust extraction, heat sealing, cold sealing and output of finished products, etc. It is suitable for packaging of bulk material which requires high metering accuracy and is easy to break, its operation is convenient, it is equipped with self-check function, the loss of packaging material is low, space requirement is small, and duplex or triplex unit can be customized. The packaging bag has wide range of adaptation. Fully automatic operation realizes product packaging streamline operation, improves production efficiency of the enterprise and greatly reduce product cost. The complete machine is made of stainless steel, guaranteeing hygiene and safety.

Suitable form of bag:

four-side-sealed bag, three-side-sealed bag, handbag, zipper bag, plastic bag with cover, M-shaped bag, paper-plastic bag, etc.

Suitable material:

materials like liquid, sauce, granules, powder, material of irregular shape, etc.

Material of the packaging bag:

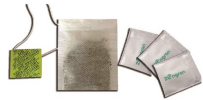
preformed bag and paper-plastic bag etc. made of multiply composite film.



Model	Bag size mm	Packaging scope g	Metering speed bags/min
CF1-300	W:170-300mm L:100-400mm	5-1500	15

DXDT8 tea bag packaging unit

This series is a new type of heat sealing multifunction fully automatic packaging equipment for tea bags, and can independently complete the works of automatic filling, bag making, thread affixing with the label (optional), external bag heat sealing, automatic counting, etc. Both the internal and external bags are formed once, thus avoiding direct contact of human hands with material and improving efficiency. The external bag is positioned by photoelectric sensors, the packaging capacity, internal bag, external bag, labels, etc. all can be adjusted according to customer's need so as to achieve ideal packaging effect, improve visual grade of the product and increase product value.



T8

T8B

Model	Bag size mm	Metering range g	Packaging speed bags/min	Material of external bag
DXDT8	Internal bag 62.5×50; Label 28×24; External bag 75×65; thread length 210	8cm3	95	Paper-plastic film
DXDT8B	Internal bag 50×60; Label 28×24; External bag 80×70	8cm3	80	Plastic-Al-plastic, plastic-plastic, paper-plastic

Horizontal tea packaging machine

Dedicated medium and high-end tea packaging unit, totally substitutes manual metering and manual packaging. It is suitable for metering and packaging of tea of various shapes if equipped with dedicated tea computer scale of our company. The bag shape is straight with distinct edges and elegant appearance after packaging, exhibiting high-end quality of tea.



Metering accuracy	Bag size mm	Metering range g	Packaging speed bags/min
≥ ±0.2g	W:50-70mm L:60-90mm	3g-5g	20-28

CF8P-2000A fully automatic flour paper bag packaging machine

This unit is developed for quantitative packaging of tiny granular and powdery material with paper bags, and can independently complete the works of filling, sealing, metering, bar code recognition, printing, labeling, code printing, code spray coating, code stacking, etc. It is composed of quantitative filling machine, 8-station rotary packaging machine, linear conveying and stacking machine and heat shrink packaging machine through combination. It adopts advanced horizontal bag feeding mode, the bag magazine can store more packaging bags; bag suction and feeding are stable and reliable with high bag feeding efficiency and low loss of packaging material; the pattern of the packaging bag is complete and beautiful and the seal quality is good, thus improving the grade of the product.



Model	Bag size mm	Metering range g	Packaging speed bags/min	Applicable type of bag
CF8P-2000A	W:80-110mm L:250-350mm	1000-2000	20-25	Paper bag

III. Vacuum packaging unit

ZB15N2 fully automatic vacuum packaging unit for five continuous bags with four side seal

ZB15N2 fully automatic vacuum packaging machine for five continuous bags with four side seal can realize automatic material feeding, weighing, bag making, filling, shaping, evacuation, sealing, weak cutting and output of finished product, it packages the bulk material into bifacial unit package with high added value. It has a fast packaging speed and runs stably. This unit is widely applied in vacuum packaging of powdery material like yeast etc. and fine-grain products and is suitable for mass production, the bag shape is beautiful, has good sealing effect and is convenient for packing in box or case or direct retail.



Applicable scope

- Powdery material (e.g. coffee, yeast, milk cream, food additive)
- Granular material (e.g. rice, miscellaneous grains)
- Preserved vegetables

Model	Unit size	Type of bag	Bag size L*W	Metering range g	Packaging speed bags/min
ZB15N2	2700X1000X1800mm	Five continuous bags with four side seal	125x90mm	15-25	30-40

ZB500N/500N2 fully automatic vacuum packaging unit for hexahedrons

ZB500N/500N2 internal extraction vacuum packaging machine can realize integration of fully automatic feeding, weighing, bag-making, filling, shaping, evacuation, sealing, bag mouth cutting and transport of finished product and packs loose material into small hexahedron packs of high added value, which is shaped at fixed weight. It has a fast packaging speed and runs stably. This unit is widely applied in vacuum packaging of cereals like rice, grains, etc. and powdery materials like coffee, etc., suitable for mass production, the bag shape is nice and has good sealing effect, which facilitates boxing or direct retail.

Applicable scope

Powdery material (e.g. coffee, yeast, milk cream, food additive, metal powder, chemical product)
Granular material (e.g. rice, miscellaneous grains, pet food)



Model	Unit size	Type of bag	Bag size L*W	Metering range g	Packaging speed Bags/min
ZB500N	8800X3800X4080	六面体	(60-120) x (40-60)	100-1000	16-24
ZB500N2	6000X2800X3200	六面体	(60-120) x (40-60)	100-1000	25-40

ZB1000A6 / 2000A6 fully automatic vacuum packaging unit for hexahedrons

ZB1000A vacuum packaging unit can realize integration of fully automatic feeding, weighing, bag-making, filling, shaping, evacuation, sealing, bag mouth cutting and transport of finished product, and can be added with labeling unit to make the finished bag appearance more stereo and square. It packages bulk material into bifacial unit or hexahedron small packs of high added value formed at fixed weight. It has a fast packaging speed and runs stably. This unit is widely applied in vacuum packaging of agricultural material products, e.g. miscellaneous grains, chemical fertilizer, pesticides, etc. and powdery material such as coffee, etc., the bag shape is beautiful with good sealing effect, and is convenient for storage and transport.

Applicable scope

Powdery material (e.g. coffee, yeast, milk cream, food additive, metal powder, chemical product)
Granular material (e.g. rice, miscellaneous grains, food, pet food, feed of fish and shrimp)



Model	Unit size	Type of bag	Bag size L*W	Metering range g	Packaging speed Bags/min
ZB1000A6	4000X2800X4200	Hexahedron	(50-100) x (40-60)	100-1000	6-12
ZB2000A6	4100X3200X4300	Hexahedron	(50-160) x (50-120)	500-2000	6-12

ZB2500A6G fully automatic bag feed vacuum packaging unit for hexahedron

ZB2500A6G hexahedron vacuum packaging unit can realize integration of fully automatic feeding, weighing, bag feeding, filling, shaping, evacuation, sealing and transport of finished product and packs loose material into small bifacial unit package of high added value, which is shaped at fixed weight. It has a fast packaging speed and runs stably. This unit is widely applied in vacuum packaging of cereals like rice, miscellaneous grains, etc., prefabricated bags are used to facilitate mass production, the bag shape is nice and has good sealing effect, facilitating packing in box or case or direct retail.

Applicable scope

Granular material (e.g. rice, miscellaneous grains, food, pet food)



Model	Unit size	Type of bag	Bag size L*W	Metering range g	Packaging speed Bags/min
ZB2500A6G	2500X1900X2700	Hexahedron	(80-150) * (50-80) * (200-360)	500-2500	5-8

ZB25K heavy bag vacuum packaging unit

ZB25K vacuum packaging machine can realize the functions of feeding, weighing, filling, shaping, evacuation, sealing and transport of finished product and packs loose material into package of high added value, which is shaped at fixed weight. It has a fast packaging speed and runs stably. If it is equipped with elevation metering device, it can reduce powder flying. This unit is widely applied in vacuum packaging of food, chemical products, etc., the bag shape is nice and has good sealing effect, thus facilitates packing in box.

Applicable scope

Powdery material (e.g. yeast, food additive, chemical product)
Granular material (e.g. rice, miscellaneous grains, food, pet food)



Model	Unit size	Type of bag	Metering range KG	Packaging speed bags/min
ZB25K	4200X2500X4000	Prefabricated bag	15-25	2-3

ZB5K-P / 10K-P bifacial bag feeding vacuum packaging unit

ZB5K-P bag feeding vacuum packaging machine can realize the functions of automatic feeding, weighing, filling, shaping, evacuation, sealing and transport of finished product and packs loose material into bifacial unit package of high added value, which is shaped at fixed weight. Manual bag feeding, simple operation and stable running. This packaging unit is widely applied in vacuum packaging of cereals like rice, miscellaneous grains, etc., the bag shape is nice and has good sealing effect, which facilitates packing in box or direct retail.

Applicable scope

Granular material (e.g. rice, miscellaneous grains, food, pet food)



Model	Unit size	Type of bag	Metering range g	Metering speed Bags/min
ZB10K-P	1600X1400X2350	Prefabricated bag	500-5000	5-8

IV. Heavy bag, secondary and boxing packaging unit

GFCE25L fully automatic powdery material bag feeding packaging unit

Brief introduction of equipment

This unit has the functions of automatic bag supply, bag feeding, filling, bag delivery, sealing etc. It can work in linkage with the equipment for various kinds of powdery materials to achieve unmanned production operation of large-sized package.

Technical parameters

Packaging material: woven bag, Kraft bag, composite film plastic bag

Packaging dimensions (in: mm): (700~1100)×(480~650) L×W

Packaging weight: 25~50kg/bag

Measuring accuracy: ±50g

Packaging speed: 3~8 packs/min (slight variation depending on the packaging material, bag size etc.);

Sealing mode: 1. woven bag: folding/seaming

2. Kraft paper bag: heat sealing/seaming

3. Composite film plastic bag: heat sealing



GFCKG25 fully automatic bag-feed packaging unit (high-speed machine)(for granules)

Brief introduction of equipment

This unit has the functions of automatic weighing, automatic bag feeding, automatic filling, automatic pack delivery, automatic sealing, etc. It can work in linkage with the equipment for various types of granular, flaky materials to achieve unmanned production operation of large-sized packaging.

Technical parameters

Packaging material: 1. Woven bag 2. Kraft bag 3. Composite film plastic bag

Packaging dimensions (in: mm): (800~1000)×(450~550) L×W

Packaging weight: 25~50kg/bag

Measuring accuracy: ±10g

Packaging speed: 10~20 packs/min (slight variation depending on the packaging material, bag size etc.);

Sealing mode: 1. Woven bag: folding/seaming

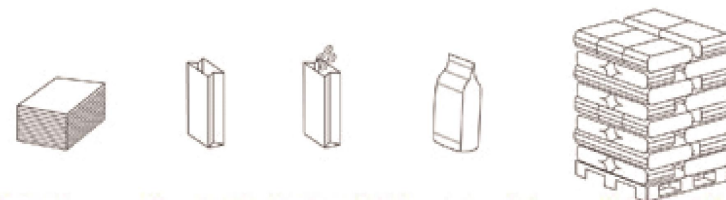
2. Kraft paper bag: heat sealing/seaming

3. Composite film plastic bag: heat sealing



Heavy bag stacking line

The automatic packaging stacking production line consists of automatic weighing and packaging machine, fully automatic bag feeding machine, automatic sewing and sealing machine, weight/metal detector and automatic pelletizer. The entire production line can realize the operations of automatic weighing, packaging and high and low-level stacking of bulk material. This production line contains several invention patents of our company, its packaging speed can reach 600 bags/h (25 kg/bag, PP, Kraft paper bag) and its technical level is in internationally leading position.



包装袋

开袋

灌装

封口

码垛

ZH100-A fully automatic boxing unit

ZH100-A boxing machine can load various kinds of materials like granules, powder, etc. and some packaging bags, etc. into the special carton boxes reliably and seal and send out the carton boxes. It is suitable for packaging of various kinds of food, packaging of chemicals, packaging of pet food and packaging of agricultural products, it features wide scope of application, simple operation and fast packaging speed and is suitable for mass production.



Applicable scope

- Powdery material (e.g. spaghetti, washing powder, food additive, chemical product)
- Granular material (e.g. rice, miscellaneous grains, food, pet food)
- Material in the shape of long thin pieces (e.g. spaghetti, snacks, candy)
- Bagged material (e.g. secondary packaging of pillow bag, secondary packaging of four-side-sealed packaging bag)

Model	Unit size	Dimensions of carton box	Packaging speed
ZH100-A	5500×3600×2100mm	Min. 80×40×160mm(L×W×H) Max. 200×80×320mm (L×W×H)	500g: 70 boxes/min 1000g: 45 boxes/min

V. Horizontal packaging production line

ZP1000 high-speed filling production line

Matching metering apparatus: electronic scale, combination scale, auger metering machine, etc.
This filling line is a kind of highly automated intelligent bottle/jar filling equipment developed by our company and is composed of such four parts as bottle feeder, unscrambler, filling machine and capping machine.
Empty bottles are placed manually into the bottle feeder, the bottle feeder sends empty bottles into the bottle unscrambling machine, the bottles are unscrambled automatically by the bottle unscrambling machine and enter into the filling machine automatically, and the filling machine automatically realizes filling according to the setting. Vibrating device can be set in the filling to level up the material by vibration, the already filled containers automatically enter into the capping machine, the capping machine automatically unscrambles and press the caps (bottle caps are fed into the bin manually) so as to complete fully automatic bottling feeding, cap and bottle unscrambling, filling and capping.

Applicable scope

Granular and powdery material (e.g. salt, baby food, expanded granules, flour, oatmeal, etc.)



Model	Packaging speed Times/min	Matching metering apparatus	Filling accuracy
ZP1000	40-80	Electronic scale, combination scale, auger metering machine, etc.	Depending on specific material

VI. Matching equipment

Detection equipment

CJB weight checker series

This series model is an automated equipment mainly used online dynamic weighing of packaged product passing through the automated packaging streamline. It can detect out the product of unqualified weight during the continuous working process. The components and parts of the product are easy to disassemble for cleaning. Imported electric components are adopted and have IP66 waterproof rating. The operating interface adopts touch screen display, can store parameters of more than 10 kinds of different weight specification so as to facilitate operation.



Model	Weight to be detected	Detecting accuracy	Sorting speed
CJB300	3-200g	±0.2g	90 times/min
CJB400	100-3000g	±1g	80 times/min
CJB600	0.5-10kg	±5g	70 times/min
CJB30K	1-50kg	±10g	25 times/min

Note: The sorting accuracy depends on the material, shape and packaging.

JST metal detector series

JST metal detector series adopts most advanced microcomputer to perform totally digital processing of the detection signal, has memory function which can memorize the detection parameters of more than 20 types of products. It has humanized man-machine dialogue interface with convenient and intuitive setting and has better suppression effect on effect signal of the product. It is applicable to detection of foreign metal objects in such sectors as of textile, toys, food (food additives, condiments), medicine, health products, cosmetics etc., for example, metallic particles as of iron, stainless steel etc. It can detect all kinds of packaging mode such as bulk package, bagged package, bottled package, box package etc.



JSTStandard model JST	Channel size mm	Detecting accuracy
JST-ZY6040	W: 600 H: 400	S304≥φ2.5 Fe≥φ2.0
JST-SMD4020	W: 400 H: 200	S304≥φ2.5 Fe≥φ1.2
JST-SMD5010	W: 500 H: 100	S304≥φ1.5 Fe≥φ0.8
JST-SMD5030	W: 500 H: 300	S304≥φ3.5 Fe≥φ2.0

Note: special dimensions can be tailor made according to customer' s requirements.

VIII. Elevator and conveyer equipment



DT1螺旋提升机



DT2



DT3



DT4



DT5



DT5提升机



XS1.2M皮带输送机



XS1.6M皮带输送机



XS1.6M皮带输送机



XS2M皮带输送机



XS3M皮带输送机



拐弯输送机



大倾角输送机



水平输送机



成品输送机



自动投卡机



自动投标签机



AS450自动投膜机



TX10A数位仪



自动透气阀机



圆盘料理机



自动投包机



振动给料机



扎口机

IX. Customer Case

